

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>.

2003 NATIONAL BENTGRASS TEST
(Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2006

<u>State</u>	<u>Location</u>	<u>Code</u>
California	Pomona	CA7
Illinois	Urbana	IL1
Illinois	Lemont	IL3
Indiana	West Lafayette	IN1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Nebraska	Mead	NE1
New Jersey	North Brunswick	NJ1
New York	Ithaca	NY1
New York	Farmingdale (Reduced Fungicides)	NY2
North Dakota	Fargo	ND1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Quebec	Quebec City	QE1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup (Low Maintenance)	WA3
Wisconsin	Madison (Traffic Study)	WI1

2003 NATIONAL BENTGRASS TEST
(Fairway/Tee)

Entries and Sponsors

Entry No.	Name	Species	Sponsor
* 1	LS-44	creeping	Links Seed, LLC
* 2	L-93	creeping	Standard Entry
* 3	Bardot	colonial	Standard Entry
* 4	Penncross	creeping	Standard Entry
5	EWTR	colonial	Landmark Seed Co.
* 6	Alpha	creeping	Jacklin Seed by Simplot
* 7	T-1	creeping	Jacklin Seed by Simplot
* 8	Princeville	creeping	LESCO, Inc.
9	13-M	creeping	Pennington Seed
*10	Declaration	creeping	Lebanon Turf Products
*11	Independence	creeping	Lebanon Turf Products
*12	Tiger II	colonial	Standard Entry
*13	Authority (235050)	creeping	LESCO, Inc.
*14	Bengal	creeping	Barenbrug USA
*15	Kingpin (9200)	creeping	ProSeeds Marketing
16	IS-AT 7	colonial	DLF International Seeds
17	IS-AP 14	creeping	DLF International Seeds
*18	Shark (23R)	creeping	Mountain View Seeds, Ltd.
*19	SR 7150	colonial	Seed Research of Oregon
*20	MacKenzie (SRX 1GPD)	creeping	Seed Research of Oregon/ Pickseed
*21	SR 1119	creeping	Seed Research of Oregon
*22	SR 1150 (SRX 1PDH)	creeping	Seed Research of Oregon
*23	Pennlinks II	creeping	Tee-2-Green Corp.
*24	Penneagle II	creeping	Tee-2-Green Corp.
*25	Crystal BlueLinks (PST-OEB)	creeping	Tee-2-Green Corp.
26	PST-9NBC	colonial	Pure-Seed Testing, Inc.
27	PST-9VN	colonial	Pure-Seed Testing, Inc.
*28	Seaside	creeping	Standard Entry

* COMMERCIALY AVAILABLE IN THE USA IN 2007.

TABLE A.

2006 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 2003 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
CA7	SANDY LOAM	7.1-7.5	0-60	376-500	0.0-1.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
IA1	SANDY CLAY LOAM	7.1-7.5	0-60	241-375	2.1-3.0	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
IL3	SILTY CLAY LOAM	7.6-8.5	0-60	151-240	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
IN1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	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
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
MN1	SILTY CLAY LOAM	7.1-7.5	61-150	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
ND1	SILTY CLAY AND CLAY	7.6-8.5	0-60	0-150	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NE1	SILTY CLAY AND CLAY	7.1-7.5	61-150	241-375	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	6.1-6.5	151-270	0-150	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	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
OK1	LOAM	7.1-7.5	151-270	501+	4.1-5.0	LIGHT SHADE	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	-	-	-	-	-	-	-	-
VA1	LOAMY SAND	5.6-6.0	0-60	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WA3	SANDY LOAM	4.6-5.5	151-270	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
WI1	SILT LOAM AND SILT	6.6-7.0	61-150	241-375	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2006

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
CA7	X	X	X	X	X	X	X	X	X	X	X	X	X		X
IA1					X	X	X	X	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	
IL3				X	X	X	X	X	X	X			X	X	
IN1				X	X	X	X	X	X	X			X	X	
KS1				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	
MI1				X	X	X	X	X	X	X	X		X	X	X
MN1				X	X	X	X	X	X				X	X	
ND1					X	X	X	X	X	X				X	
NE1				X	X	X	X	X	X	X				X	
NJ1				X	X	X	X	X		X	X		X	X	
NY1				X	X	X	X	X	X	X	X			X	
NY2				X	X	X	X	X	X	X	X			X	
OK1					X	X	X	X	X	X	X	X			
PA1				X	X	X	X	X	X	X			X	X	
QE1					X	X	X	X	X	X			X	X	X
VA1			X	X		X	X	X	X	X	X	X	X	X	
WA1				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					

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2006

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	TYPHULA BLIGHT	MICRODO-CHIUM PATCH	DOLLAR SPOT	BROWN PATCH WARM TEMP.	PINK SNOW MOLD	FALL COLOR OCTOBER	FALL COLOR NOVEMBER
CA7	X	X	X											
IA1												X		
IL1		X												
IL3		X												
IN1	X									X				
KS1														
KY1														
MA1		X								X				
MI1	X	X	X	X	X	X								
MN1			X											
ND1	X	X	X	X	X	X		X						X
NE1	X	X	X											
NJ1			X							X	X			
NY1														
NY2														
OK1		X			X									
PA1	X	X								X				
QE1	X	X	X											
VA1			X							X	X		X	
WA1		X												
WA3							X		X					
WI1				X	X	X								

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2006

LOCATION	POA ANNUA	YELLOW TUFT	PERCENT DOLLAR SPOT JUNE	DOLLAR SPOT RATINGS					BROWN PATCH DISEASE RATINGS				
				JUNE	JULY	AUG	SEP	OCT	JULY	AUG 4	AUG 15	AUG 30	
CA7													
IA1													
IL1													
IL3		X				X	X	X		X	X	X	X
IN1	X												
KS1													
KY1			X										
MA1													
MI1													
MN1					X	X	X						
ND1													
NE1													
NJ1													
NY1													
NY2													
OK1													
PA1	X												
QE1													
VA1													
WA1													
WA3	X					X							
WI1													

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE NORTHEAST REGION
2006 DATA

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

NAME	MA1	NJ1	NY1	PA1	QE1	MEAN
* SHARK (23R)	4.3	6.5	7.3	7.1	5.3	6.1
* LS-44	4.7	6.1	7.3	6.7	5.6	6.1
* AUTHORITY (235050)	4.5	6.7	6.6	6.9	5.3	6.0
13-M	4.9	6.3	6.6	6.8	5.3	6.0
* KINGPIN (9200)	4.9	6.1	6.8	6.8	5.2	6.0
* MACKENZIE (SRX 1GPD)	4.8	6.4	6.9	6.5	5.2	6.0
* CRYSTAL BLUELINKS (PST-OEB)	4.7	5.7	7.3	6.4	5.4	5.9
* SR 1150 (SRX 1PDH)	4.4	5.5	7.3	7.0	5.1	5.9
* PENNEAGLE II	4.6	6.0	6.9	6.4	5.4	5.9
* DECLARATION	4.7	5.5	6.5	7.1	5.3	5.8
* T-1	4.6	5.2	7.0	6.7	5.4	5.8
IS-AP 14	4.6	5.7	6.9	6.4	5.2	5.7
* ALPHA	4.4	5.4	6.8	6.3	5.5	5.7
PST-9NBC	5.5	6.0	7.0	3.7	6.1	5.6
EWTR	5.6	4.9	7.6	3.5	6.4	5.6
* INDEPENDENCE	4.1	4.9	6.9	6.5	5.4	5.6
* L-93	4.8	5.3	6.8	5.6	5.4	5.6
* BENGAL	4.7	5.0	6.7	5.6	5.4	5.5
* PENNLINKS II	4.7	4.7	7.2	5.1	5.7	5.5
IS-AT 7	5.2	5.0	6.9	4.1	6.0	5.4
* BARDOT	5.4	4.5	7.0	3.2	6.4	5.3
* TIGER II	5.3	4.5	6.7	4.2	6.0	5.3
* SR 1119	4.1	4.6	6.9	5.5	5.4	5.3
PST-9VN	4.9	4.8	7.4	3.0	6.2	5.3
* PRINCEVILLE	4.4	4.0	7.0	4.6	5.6	5.1
* SR 7150	5.1	4.1	6.8	3.4	6.0	5.1
* PENNCROSS	4.1	3.3	7.0	4.1	5.6	4.9
* SEASIDE	4.0	1.2	6.9	2.5	4.3	3.8
LSD VALUE	0.5	0.7	0.4	0.9	0.4	0.3
C.V. (%)	6.7	8.8	3.8	10.3	4.4	6.9

* COMMERCIALY AVAILABLE IN THE USA IN 2007.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN 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 A FAIRWAY OR TEE AT FIVE LOCATIONS 1/ IN THE NORTHEAST REGION 2006 DATA TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	QE1	MEAN
SHARK (23R)	4.3	6.5	7.3	7.1	5.3	6.1
LS-44	4.7	6.1	7.3	6.7	5.6	6.1
AUTHORITY (235050)	4.5	6.7	6.6	6.9	5.3	6.0
13-M	4.9	6.3	6.6	6.8	5.3	6.0
KINGPIN (9200)	4.9	6.1	6.8	6.8	5.2	6.0
MACKENZIE (SRX 1GPD)	4.8	6.4	6.9	6.5	5.2	6.0
CRYSTAL BLUELINKS (PST-OEB)	4.7	5.7	7.3	6.4	5.4	5.9
SR 1150 (SRX 1PDH)	4.4	5.5	7.3	7.0	5.1	5.9
PENNEAGLE II	4.6	6.0	6.9	6.4	5.4	5.9
DECLARATION	4.7	5.5	6.5	7.1	5.3	5.8
T-1	4.6	5.2	7.0	6.7	5.4	5.8
IS-AP 14	4.6	5.7	6.9	6.4	5.2	5.7
ALPHA	4.4	5.4	6.8	6.3	5.5	5.7
INDEPENDENCE	4.1	4.9	6.9	6.5	5.4	5.6
L-93	4.8	5.3	6.8	5.6	5.4	5.6
BENGAL	4.7	5.0	6.7	5.6	5.4	5.5
PENNLINKS II	4.7	4.7	7.2	5.1	5.7	5.5
SR 1119	4.1	4.6	6.9	5.5	5.4	5.3
PRINCEVILLE	4.4	4.0	7.0	4.6	5.6	5.1
PENNCROSS	4.1	3.3	7.0	4.1	5.6	4.9
SEASIDE	4.0	1.2	6.9	2.5	4.3	3.8
LSD VALUE	0.6	0.8	0.4	0.8	0.3	0.3
C.V. (%)	7.7	9.0	3.9	8.6	3.7	6.8

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON A FAIRWAY OR TEE AT FIVE LOCATIONS 1/ IN THE NORTHEAST REGION 2006 DATA TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	QE1	MEAN
PST-9NBC	5.5	6.0	7.0	3.7	6.1	5.6
EWTR	5.6	4.9	7.6	3.5	6.4	5.6
IS-AT 7	5.2	5.0	6.9	4.1	6.0	5.4
BARDOT	5.4	4.5	7.0	3.2	6.4	5.3
TIGER II	5.3	4.5	6.7	4.2	6.0	5.3
PST-9VN	4.9	4.8	7.4	3.0	6.2	5.3
SR 7150	5.1	4.1	6.8	3.4	6.0	5.1
LSD VALUE	0.3	0.6	0.4	1.1	0.5	0.3
C.V. (%)	3.7	8.1	3.6	18.3	5.5	7.4

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

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

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FOUR LOCATIONS 1/
IN THE TRANSITION REGION
2006 DATA

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

NAME	KS1	KY1	OK1	VA1	MEAN
13-M	5.7	7.2	7.1	7.1	6.8
PENNEAGLE II	5.9	7.3	7.2	6.6	6.7
CRYSTAL BLUELINKS (PST-OEB)	5.8	7.2	6.9	7.0	6.7
ALPHA	6.0	7.0	6.9	6.7	6.7
L-93	5.7	7.0	7.0	6.8	6.6
LS-44	5.5	7.3	6.4	6.3	6.4
KINGPIN (9200)	5.5	6.7	6.7	6.4	6.3
PENNLINKS II	5.9	6.7	6.0	6.7	6.3
T-1	5.7	7.3	5.7	6.3	6.2
AUTHORITY (235050)	5.0	7.1	5.8	7.1	6.2
INDEPENDENCE	5.5	6.8	6.4	6.3	6.2
PRINCEVILLE	5.3	6.0	6.5	7.0	6.2
SR 1150 (SRX 1PDH)	5.6	6.5	6.2	6.6	6.2
IS-AP 14	5.7	6.5	6.3	6.1	6.2
SR 1119	5.7	6.8	5.8	6.4	6.2
BENGAL	5.1	6.8	6.3	6.2	6.1
SHARK (23R)	4.9	6.4	6.0	7.0	6.1
PST-9NBC	4.8	6.0	5.3	8.0	6.0
SR 7150	4.7	6.0	6.4	6.8	6.0
DECLARATION	4.9	6.6	6.2	5.9	5.9
TIGER II	4.9	6.0	5.8	7.0	5.9
MACKENZIE (SRX 1GPD)	5.1	6.1	6.4	5.7	5.8
IS-AT 7	4.6	6.5	4.9	7.3	5.8
EWTR	4.7	5.8	5.6	6.7	5.7
PENNCROSS	5.5	5.0	6.3	5.9	5.7
BARDOT	4.6	5.3	6.2	6.4	5.6
PST-9VN	4.6	5.7	5.1	6.9	5.6
SEASIDE	4.2	4.4	5.3	6.6	5.1
LSD VALUE	0.7	0.7	1.0	1.6	0.5
C.V. (%)	8.8	6.5	9.8	15.3	10.9

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

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

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FOUR LOCATIONS 1/
IN THE TRANSITION REGION
2006 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	KY1	OK1	VA1	MEAN
13-M	5.7	7.2	7.1	7.1	6.8
PENNEAGLE II	5.9	7.3	7.2	6.6	6.7
CRYSTAL BLUELINKS (PST-OEB)	5.8	7.2	6.9	7.0	6.7
ALPHA	6.0	7.0	6.9	6.7	6.7
L-93	5.7	7.0	7.0	6.8	6.6
LS-44	5.5	7.3	6.4	6.3	6.4
KINGPIN (9200)	5.5	6.7	6.7	6.4	6.3
PENNLINKS II	5.9	6.7	6.0	6.7	6.3
T-1	5.7	7.3	5.7	6.3	6.2
AUTHORITY (235050)	5.0	7.1	5.8	7.1	6.2
INDEPENDENCE	5.5	6.8	6.4	6.3	6.2
PRINCEVILLE	5.3	6.0	6.5	7.0	6.2
SR 1150 (SRX 1PDH)	5.6	6.5	6.2	6.6	6.2
IS-AP 14	5.7	6.5	6.3	6.1	6.2
SR 1119	5.7	6.8	5.8	6.4	6.2
BENGAL	5.1	6.8	6.3	6.2	6.1
SHARK (23R)	4.9	6.4	6.0	7.0	6.1
DECLARATION	4.9	6.6	6.2	5.9	5.9
MACKENZIE (SRX 1GPD)	5.1	6.1	6.4	5.7	5.8
PENNCROSS	5.5	5.0	6.3	5.9	5.7
SEASIDE	4.2	4.4	5.3	6.6	5.1
LSD VALUE	0.8	0.6	1.0	1.7	0.6
C.V. (%)	9.3	6.1	9.4	16.4	11.1

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FOUR LOCATIONS 1/
IN THE TRANSITION REGION
2006 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	KY1	OK1	VA1	MEAN
PST-9NBC	4.8	6.0	5.3	8.0	6.0
SR 7150	4.7	6.0	6.4	6.8	6.0
TIGER II	4.9	6.0	5.8	7.0	5.9
IS-AT 7	4.6	6.5	4.9	7.3	5.8
EWTR	4.7	5.8	5.6	6.7	5.7
BARDOT	4.6	5.3	6.2	6.4	5.6
PST-9VN	4.6	5.7	5.1	6.9	5.6
LSD VALUE	0.5	0.7	1.0	1.4	0.5
C.V. (%)	6.2	7.8	11.1	12.0	10.2

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

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

TABLE 3A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT EIGHT LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2006 DATA

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

NAME	IA1	IL1	IL3	IN1	MI1	MN1	ND1	NE1	MEAN
CRYSTAL BLUELINKS (PST-OEB)	6.7	6.7	6.5	7.5	6.4	6.6	4.3	6.1	6.3
LS-44	6.8	6.8	6.7	7.4	6.1	6.4	4.3	5.4	6.2
13-M	6.4	6.5	6.7	7.3	6.5	6.4	4.0	5.8	6.2
L-93	7.0	6.6	7.0	6.8	6.2	5.1	3.9	6.3	6.1
PENNEAGLE II	6.7	6.9	6.3	7.2	6.0	5.8	4.1	5.5	6.1
T-1	6.2	7.0	5.8	7.6	6.8	6.3	3.9	4.1	6.0
AUTHORITY (235050)	6.7	6.8	5.8	7.0	6.5	7.0	3.6	4.5	6.0
SR 1119	6.8	6.7	5.3	6.6	5.0	6.1	4.5	6.0	5.9
PENNLINKS II	7.0	6.3	6.1	6.3	4.5	5.9	3.8	6.6	5.8
KINGPIN (9200)	5.9	6.0	6.5	7.2	6.0	5.9	4.0	4.9	5.8
DECLARATION	5.8	6.5	6.8	7.3	5.8	5.3	3.8	5.0	5.8
MACKENZIE (SRX 1GPD)	6.3	6.3	6.8	6.9	6.3	5.8	3.8	4.1	5.8
SR 1150 (SRX 1PDH)	6.2	6.2	6.1	6.7	5.8	6.1	4.4	4.3	5.7
BENGAL	6.8	6.4	5.6	6.5	6.2	5.1	4.3	4.6	5.7
SHARK (23R)	6.7	6.0	6.2	6.9	6.0	5.7	4.1	3.9	5.7
PRINCEVILLE	7.3	6.4	5.7	5.8	4.8	4.9	4.8	5.4	5.6
IS-AP 14	5.9	6.4	6.0	7.0	5.8	6.1	4.6	3.2	5.6
INDEPENDENCE	6.4	6.2	6.2	6.8	6.6	5.1	4.3	3.0	5.6
ALPHA	6.3	6.7	5.0	7.0	6.1	5.7	4.1	3.6	5.6
PENNCROSS	7.4	5.9	4.6	6.3	4.5	4.8	4.4	5.6	5.5
IS-AT 7	6.4	4.8	.	4.5	4.1	6.1	4.2	4.9	5.0
PST-9NBC	6.3	4.4	.	4.1	3.5	6.1	4.6	4.4	4.8
EWTR	6.5	4.4	.	4.7	3.6	6.0	4.2	4.0	4.8
SR 7150	7.1	4.0	.	4.0	3.5	5.7	3.9	4.8	4.7
TIGER II	5.8	4.6	.	4.2	3.8	5.6	4.0	4.5	4.6
PST-9VN	5.9	3.6	.	4.2	3.4	5.8	4.3	5.1	4.6
BARDOT	6.2	4.0	.	4.5	3.3	5.3	4.6	3.9	4.5
SEASIDE	5.9	3.8	3.8	3.1	3.1	1.8	4.5	4.1	3.8
LSD VALUE	0.9	0.7	1.2	0.7	0.8	0.9	0.8	1.0	0.3
C.V. (%)	8.8	7.5	12.7	6.9	9.8	9.5	12.2	12.8	9.9

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 3B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT EIGHT LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2006 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL3	IN1	MI1	MN1	ND1	NE1	MEAN
CRYSTAL BLUELINKS (PST-OEB)	6.7	6.7	6.5	7.5	6.4	6.6	4.3	6.1	6.3
LS-44	6.8	6.8	6.7	7.4	6.1	6.4	4.3	5.4	6.2
13-M	6.4	6.5	6.7	7.3	6.5	6.4	4.0	5.8	6.2
L-93	7.0	6.6	7.0	6.8	6.2	5.1	3.9	6.3	6.1
PENNEAGLE II	6.7	6.9	6.3	7.2	6.0	5.8	4.1	5.5	6.1
T-1	6.2	7.0	5.8	7.6	6.8	6.3	3.9	4.1	6.0
AUTHORITY (235050)	6.7	6.8	5.8	7.0	6.5	7.0	3.6	4.5	6.0
SR 1119	6.8	6.7	5.3	6.6	5.0	6.1	4.5	6.0	5.9
PENNLINKS II	7.0	6.3	6.1	6.3	4.5	5.9	3.8	6.6	5.8
KINGPIN (9200)	5.9	6.0	6.5	7.2	6.0	5.9	4.0	4.9	5.8
DECLARATION	5.8	6.5	6.8	7.3	5.8	5.3	3.8	5.0	5.8
MACKENZIE (SRX 1GPD)	6.3	6.3	6.8	6.9	6.3	5.8	3.8	4.1	5.8
SR 1150 (SRX 1PDH)	6.2	6.2	6.1	6.7	5.8	6.1	4.4	4.3	5.7
BENGAL	6.8	6.4	5.6	6.5	6.2	5.1	4.3	4.6	5.7
SHARK (23R)	6.7	6.0	6.2	6.9	6.0	5.7	4.1	3.9	5.7
PRINCEVILLE	7.3	6.4	5.7	5.8	4.8	4.9	4.8	5.4	5.6
IS-AP 14	5.9	6.4	6.0	7.0	5.8	6.1	4.6	3.2	5.6
INDEPENDENCE	6.4	6.2	6.2	6.8	6.6	5.1	4.3	3.0	5.6
ALPHA	6.3	6.7	5.0	7.0	6.1	5.7	4.1	3.6	5.6
PENNCROSS	7.4	5.9	4.6	6.3	4.5	4.8	4.4	5.6	5.5
SEASIDE	5.9	3.8	3.8	3.1	3.1	1.8	4.5	4.1	3.8
LSD VALUE	0.9	0.8	1.2	0.6	0.8	0.9	0.9	1.0	0.3
C.V. (%)	8.9	7.4	12.7	5.7	8.8	9.6	13.1	12.5	9.7

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT SEVEN LOCATIONS 1/
IN THE NORTH CENTRAL REGION
2006 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IN1	MI1	MN1	ND1	NE1	MEAN
IS-AT 7	6.4	4.8	4.5	4.1	6.1	4.2	4.9	5.0
PST-9NBC	6.3	4.4	4.1	3.5	6.1	4.6	4.4	4.8
EWTR	6.5	4.4	4.7	3.6	6.0	4.2	4.0	4.8
SR 7150	7.1	4.0	4.0	3.5	5.7	3.9	4.8	4.7
TIGER II	5.8	4.6	4.2	3.8	5.6	4.0	4.5	4.6
PST-9VN	5.9	3.6	4.2	3.4	5.8	4.3	5.1	4.6
BARDOT	6.2	4.0	4.5	3.3	5.3	4.6	3.9	4.5
LSD VALUE	0.8	0.5	0.8	0.8	0.8	0.6	1.0	0.3
C.V. (%)	8.3	7.6	12.2	14.5	9.0	9.0	13.7	10.5

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

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

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2006 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
T-1	7.7	7.7	5.3	6.0	9.0	9.0	7.7	7.5
KINGPIN (9200)	6.3	7.0	5.7	6.0	8.3	8.0	6.7	6.9
ALPHA	7.0	6.3	5.3	6.0	8.0	8.0	7.0	6.8
AUTHORITY (235050)	6.7	7.0	5.7	6.7	7.3	7.3	6.7	6.8
DECLARATION	6.3	6.3	4.7	6.3	8.0	8.0	7.3	6.7
SHARK (23R)	7.0	6.7	5.0	6.0	7.7	7.3	7.0	6.7
CRYSTAL BLUELINKS (PST-OEB)	5.7	6.3	6.0	6.0	8.0	7.7	6.3	6.6
IS-AP 14	6.3	6.3	6.0	6.3	7.7	7.0	6.3	6.6
13-M	6.3	6.3	5.3	6.3	7.7	7.3	6.3	6.5
PENNEAGLE II	5.7	6.0	5.7	6.7	7.7	7.7	6.3	6.5
INDEPENDENCE	6.0	6.7	5.7	6.0	7.7	7.3	6.0	6.5
LS-44	6.0	6.0	5.7	6.0	8.0	7.7	6.0	6.5
BENGAL	6.3	6.7	5.7	5.7	7.3	7.3	6.0	6.4
SR 1119	6.0	6.0	6.3	5.7	8.0	7.3	5.0	6.3
MACKENZIE (SRX 1GPD)	6.3	7.0	5.0	6.0	7.0	6.7	6.0	6.3
SR 1150 (SRX 1PDH)	5.7	6.0	5.7	6.3	7.0	6.7	6.7	6.3
PENNLINKS II	5.7	5.3	6.3	5.7	7.3	7.0	6.0	6.2
L-93	5.3	5.3	5.7	6.0	7.7	7.0	5.7	6.1
TIGER II	5.3	6.0	7.0	6.0	5.3	5.3	4.3	5.6
EWTR	5.7	6.0	6.3	5.7	5.3	5.7	3.3	5.4
PRINCEVILLE	4.3	4.3	5.7	5.0	6.7	6.0	6.0	5.4
PENNCROSS	4.3	4.3	5.7	5.0	6.0	6.0	5.3	5.2
BARDOT	5.0	5.3	6.0	5.3	5.3	5.3	4.0	5.2
IS-AT 7	5.0	5.7	6.0	5.3	5.7	5.0	3.7	5.2
PST-9NBC	5.3	5.0	6.0	5.0	5.3	5.7	4.0	5.2
SR 7150	4.7	5.0	6.0	5.3	5.7	6.0	2.7	5.0
PST-9VN	5.0	4.3	5.7	4.7	5.3	5.7	3.3	4.9
SEASIDE	2.3	2.0	3.0	3.0	3.3	3.3	3.3	2.9
LSD VALUE	0.9	1.0	1.1	0.7	0.8	0.9	0.8	0.4
C.V. (%)	10.3	10.4	12.1	7.1	7.4	8.7	9.5	4.1

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 4B. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2006 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
T-1	7.7	7.7	5.3	6.0	9.0	9.0	7.7	7.5
KINGPIN (9200)	6.3	7.0	5.7	6.0	8.3	8.0	6.7	6.9
ALPHA	7.0	6.3	5.3	6.0	8.0	8.0	7.0	6.8
AUTHORITY (235050)	6.7	7.0	5.7	6.7	7.3	7.3	6.7	6.8
DECLARATION	6.3	6.3	4.7	6.3	8.0	8.0	7.3	6.7
SHARK (23R)	7.0	6.7	5.0	6.0	7.7	7.3	7.0	6.7
CRYSTAL BLUELINKS (PST-OEB)	5.7	6.3	6.0	6.0	8.0	7.7	6.3	6.6
IS-AP 14	6.3	6.3	6.0	6.3	7.7	7.0	6.3	6.6
13-M	6.3	6.3	5.3	6.3	7.7	7.3	6.3	6.5
PENNEAGLE II	5.7	6.0	5.7	6.7	7.7	7.7	6.3	6.5
INDEPENDENCE	6.0	6.7	5.7	6.0	7.7	7.3	6.0	6.5
LS-44	6.0	6.0	5.7	6.0	8.0	7.7	6.0	6.5
BENGAL	6.3	6.7	5.7	5.7	7.3	7.3	6.0	6.4
SR 1119	6.0	6.0	6.3	5.7	8.0	7.3	5.0	6.3
MACKENZIE (SRX 1GPD)	6.3	7.0	5.0	6.0	7.0	6.7	6.0	6.3
SR 1150 (SRX 1PDH)	5.7	6.0	5.7	6.3	7.0	6.7	6.7	6.3
PENNLINKS II	5.7	5.3	6.3	5.7	7.3	7.0	6.0	6.2
L-93	5.3	5.3	5.7	6.0	7.7	7.0	5.7	6.1
PRINCEVILLE	4.3	4.3	5.7	5.0	6.7	6.0	6.0	5.4
PENNCROSS	4.3	4.3	5.7	5.0	6.0	6.0	5.3	5.2
SEASIDE	2.3	2.0	3.0	3.0	3.3	3.3	3.3	2.9
LSD VALUE	1.0	1.0	1.0	0.6	0.8	1.0	0.9	0.4
C.V. (%)	10.7	9.9	10.8	6.5	6.6	8.7	8.7	3.8

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2006 DATA

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

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TIGER II	5.3	6.0	7.0	6.0	5.3	5.3	4.3	5.6
EWTR	5.7	6.0	6.3	5.7	5.3	5.7	3.3	5.4
BARDOT	5.0	5.3	6.0	5.3	5.3	5.3	4.0	5.2
IS-AT 7	5.0	5.7	6.0	5.3	5.7	5.0	3.7	5.2
PST-9NBC	5.3	5.0	6.0	5.0	5.3	5.7	4.0	5.2
SR 7150	4.7	5.0	6.0	5.3	5.7	6.0	2.7	5.0
PST-9VN	5.0	4.3	5.7	4.7	5.3	5.7	3.3	4.9
LSD VALUE	0.7	1.1	1.4	0.8	0.9	0.8	0.8	0.4
C.V. (%)	8.5	12.3	14.6	9.1	10.6	8.8	13.5	5.3

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

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

TABLE 5A.

MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS FOR EACH MONTH GROWN
A FAIRWAY OR TEE AT POMONA, CA (PACIFIC REGION) 1/
2006 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
T-1	8.0	8.0	8.0	8.0	8.0	7.0	7.7	8.7	8.3	8.3	8.0	8.0	8.0
PST-9VN	8.0	7.7	8.0	8.0	7.3	7.3	7.7	8.0	8.3	8.0	8.0	8.0	7.9
AUTHORITY (235050)	8.0	8.0	7.7	8.0	7.3	7.0	7.3	8.3	8.0	8.0	8.0	8.0	7.8
SHARK (23R)	8.0	8.0	8.0	8.0	7.7	7.0	7.3	8.3	8.0	8.0	7.7	7.7	7.8
BARDOT	8.0	7.7	8.3	8.0	7.7	6.7	7.7	8.0	8.0	8.0	8.0	7.7	7.8
BENGAL	8.0	8.0	8.0	8.0	7.7	7.0	7.0	7.7	8.0	8.0	8.0	8.0	7.8
EWTR	7.7	7.7	7.7	8.0	7.7	6.7	7.7	8.7	8.0	8.0	8.0	7.7	7.8
13-M	8.0	7.3	8.0	7.7	7.3	7.0	7.7	8.3	8.0	8.0	8.0	7.7	7.8
INDEPENDENCE	8.0	8.0	8.0	8.0	7.7	7.0	7.0	7.7	8.0	8.0	8.0	7.7	7.8
ALPHA	7.7	7.7	7.3	7.7	7.3	6.7	7.3	8.7	8.3	8.0	8.0	7.7	7.7
CRYSTAL BLUELINKS (PST-OEB)	7.7	8.0	8.3	7.7	7.0	6.7	7.3	7.7	8.0	8.0	8.0	8.0	7.7
IS-AP 14	7.7	8.0	8.3	8.0	7.7	7.0	7.3	7.7	7.7	7.7	7.7	7.7	7.7
PENNLINKS II	8.0	7.3	7.3	8.0	7.7	6.7	7.3	7.7	8.3	8.0	8.0	8.0	7.7
SR 7150	8.0	7.7	8.3	8.0	7.3	6.7	7.0	7.3	8.0	8.0	8.0	8.0	7.7
PST-9NBC	7.7	7.7	8.0	7.7	7.3	6.7	7.0	7.7	8.0	8.0	8.0	8.0	7.6
TIGER II	7.7	7.3	8.0	7.7	7.7	6.7	7.0	7.7	8.0	8.0	8.0	8.0	7.6
DECLARATION	8.0	7.3	7.3	7.7	7.7	7.3	7.3	8.0	8.0	8.0	7.3	7.7	7.6
PENNCROSS	8.0	7.3	8.0	7.7	7.0	6.7	7.3	7.7	8.0	8.0	8.0	8.0	7.6
SR 1119	8.0	7.3	8.0	8.0	7.7	7.0	7.0	7.7	8.0	7.7	7.7	7.7	7.6
MACKENZIE (SRX 1GPD)	7.7	7.3	8.0	7.7	7.0	6.3	7.0	8.0	8.3	8.0	8.0	8.0	7.6
IS-AT 7	7.7	7.7	8.0	8.0	7.3	7.0	7.3	7.7	7.7	7.7	7.7	7.7	7.6
PENNEAGLE II	8.0	7.7	8.0	8.0	7.0	6.7	7.0	8.3	8.0	7.7	7.7	7.3	7.6
SR 1150 (SRX 1PDH)	7.7	7.7	8.0	7.3	7.0	7.0	7.0	7.7	8.0	8.0	8.0	7.7	7.6
L-93	7.7	7.7	8.3	7.3	6.7	6.7	7.3	8.0	7.7	7.7	7.7	8.0	7.6
KINGPIN (9200)	7.7	7.7	8.0	7.0	6.7	6.0	7.0	8.0	8.3	8.0	8.0	8.0	7.5
PRINCEVILLE	7.3	7.3	8.0	7.7	7.3	6.3	7.0	7.3	7.7	8.0	7.7	8.0	7.5
LS-44	7.7	7.3	8.0	7.3	6.3	6.0	6.7	8.3	8.0	8.0	8.0	8.0	7.5
SEASIDE	7.0	7.3	7.3	7.0	6.3	6.0	6.7	7.0	7.7	7.7	7.7	8.0	7.1
LSD VALUE	0.6	0.9	0.8	0.6	1.0	1.1	0.7	1.2	0.7	0.5	0.7	0.6	0.3
C.V. (%)	5.0	7.0	6.1	4.9	8.3	10.5	6.2	9.2	5.1	3.6	5.4	4.8	2.6

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 5B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS FOR EACH MONTH GROWN
A FAIRWAY OR TEE AT POMONA, CA (PACIFIC REGION) 1/
2006 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
T-1	8.0	8.0	8.0	8.0	8.0	7.0	7.7	8.7	8.3	8.3	8.0	8.0	8.0
AUTHORITY (235050)	8.0	8.0	7.7	8.0	7.3	7.0	7.3	8.3	8.0	8.0	8.0	8.0	7.8
SHARK (23R)	8.0	8.0	8.0	8.0	7.7	7.0	7.3	8.3	8.0	8.0	7.7	7.7	7.8
BENGAL	8.0	8.0	8.0	8.0	7.7	7.0	7.0	7.7	8.0	8.0	8.0	8.0	7.8
13-M	8.0	7.3	8.0	7.7	7.3	7.0	7.7	8.3	8.0	8.0	8.0	7.7	7.8
INDEPENDENCE	8.0	8.0	8.0	8.0	7.7	7.0	7.0	7.7	8.0	8.0	8.0	7.7	7.8
ALPHA	7.7	7.7	7.3	7.7	7.3	6.7	7.3	8.7	8.3	8.0	8.0	7.7	7.7
CRYSTAL BLUELINKS (PST-OEB)	7.7	8.0	8.3	7.7	7.0	6.7	7.3	7.7	8.0	8.0	8.0	8.0	7.7
IS-AP 14	7.7	8.0	8.3	8.0	7.7	7.0	7.3	7.7	7.7	7.7	7.7	7.7	7.7
PENNLINKS II	8.0	7.3	7.3	8.0	7.7	6.7	7.3	7.7	8.3	8.0	8.0	8.0	7.7
DECLARATION	8.0	7.3	7.3	7.7	7.7	7.3	7.3	8.0	8.0	8.0	7.3	7.7	7.6
PENNCROSS	8.0	7.3	8.0	7.7	7.0	6.7	7.3	7.7	8.0	8.0	8.0	8.0	7.6
SR 1119	8.0	7.3	8.0	8.0	7.7	7.0	7.0	7.7	8.0	7.7	7.7	7.7	7.6
MACKENZIE (SRX 1GPD)	7.7	7.3	8.0	7.7	7.0	6.3	7.0	8.0	8.3	8.0	8.0	8.0	7.6
PENNEAGLE II	8.0	7.7	8.0	8.0	7.0	6.7	7.0	8.3	8.0	7.7	7.7	7.3	7.6
SR 1150 (SRX 1PDH)	7.7	7.7	8.0	7.3	7.0	7.0	7.0	7.7	8.0	8.0	8.0	7.7	7.6
L-93	7.7	7.7	8.3	7.3	6.7	6.7	7.3	8.0	7.7	7.7	7.7	8.0	7.6
KINGPIN (9200)	7.7	7.7	8.0	7.0	6.7	6.0	7.0	8.0	8.3	8.0	8.0	8.0	7.5
PRINCEVILLE	7.3	7.3	8.0	7.7	7.3	6.3	7.0	7.3	7.7	8.0	7.7	8.0	7.5
LS-44	7.7	7.3	8.0	7.3	6.3	6.0	6.7	8.3	8.0	8.0	8.0	8.0	7.5
SEASIDE	7.0	7.3	7.3	7.0	6.3	6.0	6.7	7.0	7.7	7.7	7.7	8.0	7.1
LSD VALUE	0.6	0.8	0.8	0.6	1.0	1.2	0.7	1.2	0.6	0.5	0.8	0.6	0.3
C.V. (%)	4.8	6.8	6.6	5.2	8.5	10.8	6.3	9.3	4.7	3.9	6.0	4.8	2.6

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS FOR EACH MONTH GROWN
A FAIRWAY OR TEE AT POMONA, CA (PACIFIC REGION) 1/
2006 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PST-9VN	8.0	7.7	8.0	8.0	7.3	7.3	7.7	8.0	8.3	8.0	8.0	8.0	7.9
BARDOT	8.0	7.7	8.3	8.0	7.7	6.7	7.7	8.0	8.0	8.0	8.0	7.7	7.8
EWTR	7.7	7.7	7.7	8.0	7.7	6.7	7.7	8.7	8.0	8.0	8.0	7.7	7.8
SR 7150	8.0	7.7	8.3	8.0	7.3	6.7	7.0	7.3	8.0	8.0	8.0	8.0	7.7
PST-9NBC	7.7	7.7	8.0	7.7	7.3	6.7	7.0	7.7	8.0	8.0	8.0	8.0	7.6
TIGER II	7.7	7.3	8.0	7.7	7.7	6.7	7.0	7.7	8.0	8.0	8.0	8.0	7.6
IS-AT 7	7.7	7.7	8.0	8.0	7.3	7.0	7.3	7.7	7.7	7.7	7.7	7.7	7.6
LSD VALUE	0.7	0.9	0.6	0.5	0.9	1.1	0.7	1.2	0.8	0.4	0.4	0.6	0.3
C.V. (%)	5.6	7.6	4.7	3.9	7.7	9.6	6.0	9.2	6.1	2.7	2.7	4.8	2.6

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 6A. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2006 DATA

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

NAME	QUALITY RATINGS									
	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
EWTR	7.7	7.0	8.0	7.0	7.3	7.3	8.0	8.0	7.0	7.5
LS-44	6.7	7.3	7.7	7.0	7.0	7.0	7.7	7.7	7.3	7.3
PST-9VN	7.3	7.0	7.7	7.0	7.0	7.0	8.0	7.7	7.0	7.3
CRYSTAL BLUELINKS (PST-OEB)	7.3	7.0	8.0	7.0	7.0	7.0	7.3	7.3	7.0	7.2
PENNLINKS II	7.0	7.0	7.3	7.3	7.0	7.0	8.0	7.0	7.0	7.2
SHARK (23R)	7.3	7.0	7.3	7.0	7.0	7.0	7.7	7.7	7.0	7.2
SR 1150 (SRX 1PDH)	7.7	6.7	7.3	7.0	7.3	7.3	7.3	8.0	6.7	7.2
T-1	7.0	7.0	8.0	7.0	7.0	7.0	7.7	7.0	7.0	7.2
IS-AP 14	7.0	6.3	7.3	7.0	7.0	7.0	7.3	7.3	6.3	7.0
PENNCROSS	7.0	6.0	7.0	7.0	7.3	7.3	7.7	7.3	6.0	7.0
PRINCEVILLE	6.3	6.3	7.7	7.3	7.0	7.0	7.0	7.3	6.3	7.0
BARDOT	7.0	6.3	7.7	7.0	6.7	6.7	7.7	7.0	6.3	6.9
IS-AT 7	7.0	6.7	7.0	7.0	6.7	6.7	7.7	7.0	6.7	6.9
KINGPIN (9200)	6.7	6.7	7.3	7.0	6.7	6.7	7.3	7.0	6.7	6.9
L-93	6.7	6.3	7.0	7.0	7.0	7.0	7.3	7.0	6.3	6.9
PENNEAGLE II	6.3	7.0	7.0	7.0	6.7	6.7	7.0	6.7	7.0	6.9
SEASIDE	6.7	6.7	7.0	7.0	7.0	7.0	7.3	6.7	6.7	6.9
BENGAL	6.3	6.7	7.0	7.0	6.3	6.3	7.3	6.7	6.7	6.8
INDEPENDENCE	7.3	6.7	7.0	7.0	6.7	6.7	7.0	7.0	6.7	6.8
MACKENZIE (SRX 1GPD)	7.0	6.7	7.0	7.0	6.7	6.7	7.0	7.0	6.7	6.8
PST-9NBC	6.7	6.3	7.3	7.0	6.7	6.7	7.3	7.0	6.3	6.8
SR 1119	7.0	6.3	7.0	7.0	7.0	7.0	7.0	7.0	6.3	6.8
SR 7150	7.3	6.0	7.0	7.0	7.0	7.0	7.7	7.0	6.0	6.8
ALPHA	6.3	6.7	6.7	6.7	6.3	6.3	6.7	7.0	6.7	6.6
AUTHORITY (235050)	6.7	6.3	7.0	7.0	6.0	6.0	7.0	7.0	6.3	6.6
TIGER II	7.0	6.3	7.0	7.0	6.3	6.3	6.7	7.0	6.3	6.6
13-M	6.0	6.0	7.0	7.0	6.3	6.3	7.0	6.7	6.0	6.5
DECLARATION	6.3	6.3	6.3	6.3	6.0	6.0	6.3	6.7	6.3	6.3
LSD VALUE	0.9	1.1	0.7	0.5	0.8	0.8	0.9	0.6	1.1	0.4
C.V. (%)	6.6	7.1	5.2	3.0	5.9	5.9	6.2	4.9	7.1	3.2

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 6B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS									
	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
LS-44	6.7	7.3	7.7	7.0	7.0	7.0	7.7	7.7	7.3	7.3
CRYSTAL BLUELINKS (PST-OEB)	7.3	7.0	8.0	7.0	7.0	7.0	7.3	7.3	7.0	7.2
PENNLINKS II	7.0	7.0	7.3	7.3	7.0	7.0	8.0	7.0	7.0	7.2
SHARK (23R)	7.3	7.0	7.3	7.0	7.0	7.0	7.7	7.7	7.0	7.2
SR 1150 (SRX 1PDH)	7.7	6.7	7.3	7.0	7.3	7.3	7.3	8.0	6.7	7.2
T-1	7.0	7.0	8.0	7.0	7.0	7.0	7.7	7.0	7.0	7.2
IS-AP 14	7.0	6.3	7.3	7.0	7.0	7.0	7.3	7.3	6.3	7.0
PENNCROSS	7.0	6.0	7.0	7.0	7.3	7.3	7.7	7.3	6.0	7.0
PRINCEVILLE	6.3	6.3	7.7	7.3	7.0	7.0	7.0	7.3	6.3	7.0
KINGPIN (9200)	6.7	6.7	7.3	7.0	6.7	6.7	7.3	7.0	6.7	6.9
L-93	6.7	6.3	7.0	7.0	7.0	7.0	7.3	7.0	6.3	6.9
PENNEAGLE II	6.3	7.0	7.0	7.0	6.7	6.7	7.0	6.7	7.0	6.9
SEASIDE	6.7	6.7	7.0	7.0	7.0	7.0	7.3	6.7	6.7	6.9
BENGAL	6.3	6.7	7.0	7.0	6.3	6.3	7.3	6.7	6.7	6.8
INDEPENDENCE	7.3	6.7	7.0	7.0	6.7	6.7	7.0	7.0	6.7	6.8
MACKENZIE (SRX 1GPD)	7.0	6.7	7.0	7.0	6.7	6.7	7.0	7.0	6.7	6.8
SR 1119	7.0	6.3	7.0	7.0	7.0	7.0	7.0	7.0	6.3	6.8
ALPHA	6.3	6.7	6.7	6.7	6.3	6.3	6.7	7.0	6.7	6.6
AUTHORITY (235050)	6.7	6.3	7.0	7.0	6.0	6.0	7.0	7.0	6.3	6.6
13-M	6.0	6.0	7.0	7.0	6.3	6.3	7.0	6.7	6.0	6.5
DECLARATION	6.3	6.3	6.3	6.3	6.0	6.0	6.3	6.7	6.3	6.3
LSD VALUE	0.9	1.1	0.7	0.5	0.6	0.6	1.0	0.7	1.1	0.3
C.V. (%)	6.9	7.1	5.2	3.4	5.0	5.0	6.3	5.4	7.1	3.0

TABLE 6C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	QUALITY RATINGS									
	SPRING GREENUP	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
EWTR	7.7	7.0	8.0	7	7.3	7.3	8.0	8.0	7.0	7.5
PST-9VN	7.3	7.0	7.7	7	7.0	7.0	8.0	7.7	7.0	7.3
BARDOT	7.0	6.3	7.7	7	6.7	6.7	7.7	7.0	6.3	6.9
IS-AT 7	7.0	6.7	7.0	7	6.7	6.7	7.7	7.0	6.7	6.9
PST-9NBC	6.7	6.3	7.3	7	6.7	6.7	7.3	7.0	6.3	6.8
SR 7150	7.3	6.0	7.0	7	7.0	7.0	7.7	7.0	6.0	6.8
TIGER II	7.0	6.3	7.0	7	6.3	6.3	6.7	7.0	6.3	6.6
LSD VALUE	1.0	1.0	0.8	0	1.4	1.4	0.9	0.4	1.0	0.6
C.V. (%)	6.2	7.1	5.4	0	8.3	8.3	6.0	3.0	7.1	4.1

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 7A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
2006 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	WINTER COLOR	MICRODO- CHIUM PATCH	POA ANNUA	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
EWTR	6.3	5.0	5.0	6.7	7.0	5.3	4.7	5.0	6.0	6.3	6.7	7.7	7.7	7.3	8.0	6.0	6.0	6.4
DECLARATION	7.0	6.0	5.3	7.0	8.0	6.7	6.0	6.3	7.0	7.0	5.7	5.3	5.0	4.0	6.3	7.0	6.3	6.1
IS-AP 14	6.0	5.7	5.3	8.0	8.0	6.0	6.0	6.3	6.7	6.3	6.3	5.3	5.0	4.7	7.0	6.7	6.3	6.1
AUTHORITY (235050)	7.0	5.3	5.7	6.7	8.0	5.7	5.0	5.7	6.0	6.3	6.0	6.0	6.3	6.0	7.0	6.0	5.7	6.0
13-M	6.3	5.7	5.7	7.7	7.3	6.3	5.3	6.0	6.7	6.3	5.7	5.3	5.3	5.0	6.3	5.7	6.0	5.8
ALPHA	7.0	5.3	5.7	7.3	7.7	6.0	5.3	5.7	6.0	5.7	5.3	5.0	6.0	6.0	6.0	6.0	5.7	5.7
INDEPENDENCE	7.0	5.3	5.3	7.3	8.0	5.7	5.3	5.7	6.3	6.7	6.3	5.3	5.0	4.3	6.0	6.3	5.7	5.7
L-93	6.3	5.3	5.3	7.0	7.0	5.7	5.0	5.0	5.7	5.7	5.3	5.7	6.0	5.7	6.3	6.3	6.0	5.7
MACKENZIE (SRX 1GPD)	6.3	6.0	5.0	7.3	7.3	5.7	5.7	5.0	6.3	6.3	6.0	4.7	5.0	5.0	6.3	6.0	6.3	5.7
BENGAL	6.7	5.0	5.7	6.3	7.3	5.0	5.3	5.0	5.0	5.7	5.7	6.0	6.0	5.7	6.3	6.0	5.3	5.6
CRYSTAL BLUELINKS (PST-OEB)	7.0	6.0	6.0	7.3	6.7	5.7	5.0	5.0	5.0	5.3	6.0	6.7	6.0	5.3	6.3	5.7	5.7	5.6
IS-AT 7	6.3	4.7	5.0	6.3	7.0	4.7	4.3	5.0	5.7	6.3	6.0	6.3	5.7	5.7	6.3	5.7	5.3	5.6
PENNEAGLE II	6.7	5.3	6.0	7.3	7.0	5.7	5.7	5.0	5.3	6.0	5.7	5.3	5.3	5.3	6.0	5.7	6.0	5.6
SHARK (23R)	7.0	5.7	5.0	7.0	7.7	5.7	5.0	5.7	6.7	6.0	6.0	5.0	5.0	4.7	6.3	5.7	5.3	5.6
T-1	7.3	5.0	6.0	6.7	8.0	5.7	5.3	5.3	5.3	5.3	5.0	5.3	5.3	5.7	6.3	6.7	6.0	5.6
TIGER II	6.0	4.3	5.0	5.7	6.3	4.7	4.0	4.3	5.3	6.3	6.0	7.0	6.7	6.3	6.3	5.3	5.0	5.6
KINGPIN (9200)	7.0	5.7	5.3	6.7	7.3	5.3	5.3	5.0	6.0	5.7	5.3	5.7	5.3	5.0	6.0	5.7	5.3	5.5
LS-44	6.7	4.7	5.3	6.3	6.7	5.0	5.0	4.7	5.7	5.7	5.7	6.0	6.0	6.0	5.7	5.3	5.3	5.5
PST-9NBC	7.3	5.0	4.7	6.0	6.7	4.7	4.7	4.7	5.0	5.3	6.3	7.0	5.7	6.0	6.3	5.3	5.0	5.5
SR 1119	7.0	5.0	5.0	7.0	7.3	5.0	4.7	5.3	6.7	6.3	5.7	5.3	5.0	4.7	6.0	5.7	5.3	5.5
BARDOT	5.7	5.3	4.3	5.7	5.7	5.0	3.7	4.7	5.0	5.3	5.3	6.0	6.0	6.7	6.0	5.7	5.0	5.4
PRINCEVILLE	6.3	4.7	5.3	7.3	7.0	5.3	4.7	5.0	5.0	4.7	5.0	5.3	6.0	5.7	6.0	5.7	5.3	5.3
SR 1150 (SRX 1PDH)	6.7	5.7	5.0	6.7	7.3	5.0	4.7	5.3	6.0	5.7	5.3	5.7	5.0	5.0	5.3	5.0	4.7	5.2
PENNCROSS	6.3	6.0	5.0	8.3	6.3	4.3	4.0	5.0	4.7	5.0	5.0	5.3	6.0	6.0	5.7	5.0	5.7	5.1
PENNLINKS II	6.7	5.3	5.0	6.7	6.0	5.0	4.3	4.3	5.0	5.0	5.7	5.7	5.3	5.0	6.0	5.3	5.0	5.1
PST-9VN	7.0	5.3	5.0	6.3	5.3	4.7	3.7	3.7	4.0	4.7	4.7	5.3	5.3	6.0	5.7	5.7	4.3	4.8
SR 7150	7.0	5.7	5.0	6.7	6.3	4.7	4.3	4.7	5.3	5.0	4.7	5.0	4.7	5.0	5.7	4.3	4.7	4.8
SEASIDE	5.7	5.3	5.7	7.7	5.7	4.0	3.7	3.3	4.3	4.0	4.7	4.7	4.3	4.3	5.3	4.3	4.0	4.3
LSD VALUE	1.0	2.4	1.9	1.4	1.2	1.1	0.9	1.0	1.6	1.4	1.0	1.4	1.3	1.6	2.3	1.6	1.5	0.6
C.V. (%)	7.7	14.3	12.3	10.5	9.6	11.3	11.0	11.8	14.9	12.7	9.5	13.4	12.9	15.3	13.2	13.1	13.0	6.7

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

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

TABLE 7B.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	WINTER COLOR	MICRODO- CHIUM PATCH	POA ANNUA	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DECLARATION	7.0	6.0	5.3	7.0	8.0	6.7	6.0	6.3	7.0	7.0	5.7	5.3	5.0	4.0	6.3	7.0	6.3	6.1
IS-AP 14	6.0	5.7	5.3	8.0	8.0	6.0	6.0	6.3	6.7	6.3	6.3	5.3	5.0	4.7	7.0	6.7	6.3	6.1
AUTHORITY (235050)	7.0	5.3	5.7	6.7	8.0	5.7	5.0	5.7	6.0	6.3	6.0	6.0	6.3	6.0	7.0	6.0	5.7	6.0
13-M	6.3	5.7	5.7	7.7	7.3	6.3	5.3	6.0	6.7	6.3	5.7	5.3	5.3	5.0	6.3	5.7	6.0	5.8
ALPHA	7.0	5.3	5.7	7.3	7.7	6.0	5.3	5.7	6.0	5.7	5.3	5.0	6.0	6.0	6.0	6.0	5.7	5.7
INDEPENDENCE	7.0	5.3	5.3	7.3	8.0	5.7	5.3	5.7	6.3	6.7	6.3	5.3	5.0	4.3	6.0	6.3	5.7	5.7
L-93	6.3	5.3	5.3	7.0	7.0	5.7	5.0	5.0	5.7	5.7	5.3	5.7	6.0	5.7	6.3	6.3	6.0	5.7
MACKENZIE (SRX 1GPD)	6.3	6.0	5.0	7.3	7.3	5.7	5.7	5.0	6.3	6.3	6.0	4.7	5.0	5.0	6.3	6.0	6.3	5.7
BENGAL	6.7	5.0	5.7	6.3	7.3	5.0	5.3	5.0	5.0	5.7	5.7	6.0	6.0	5.7	6.3	6.0	5.3	5.6
CRYSTAL BLUELINKS (PST-OEB)	7.0	6.0	6.0	7.3	6.7	5.7	5.0	5.0	5.0	5.3	6.0	6.7	6.0	5.3	6.3	5.7	5.7	5.6
PENNEAGLE II	6.7	5.3	6.0	7.3	7.0	5.7	5.7	5.0	5.3	6.0	5.7	5.3	5.3	5.3	6.0	5.7	6.0	5.6
SHARK (23R)	7.0	5.7	5.0	7.0	7.7	5.7	5.0	5.7	6.7	6.0	6.0	5.0	5.0	4.7	6.3	5.7	5.3	5.6
T-1	7.3	5.0	6.0	6.7	8.0	5.7	5.3	5.3	5.3	5.3	5.0	5.3	5.3	5.7	6.3	6.7	6.0	5.6
KINGPIN (9200)	7.0	5.7	5.3	6.7	7.3	5.3	5.3	5.0	6.0	5.7	5.3	5.7	5.3	5.0	6.0	5.7	5.3	5.5
LS-44	6.7	4.7	5.3	6.3	6.7	5.0	5.0	4.7	5.7	5.7	5.7	6.0	6.0	6.0	5.7	5.3	5.3	5.5
SR 1119	7.0	5.0	5.0	7.0	7.3	5.0	4.7	5.3	6.7	6.3	5.7	5.3	5.0	4.7	6.0	5.7	5.3	5.5
PRINCEVILLE	6.3	4.7	5.3	7.3	7.0	5.3	4.7	5.0	5.0	4.7	5.0	5.3	6.0	5.7	6.0	5.7	5.3	5.3
SR 1150 (SRX 1PDH)	6.7	5.7	5.0	6.7	7.3	5.0	4.7	5.3	6.0	5.7	5.3	5.7	5.0	5.0	5.3	5.0	4.7	5.2
PENNCROSS	6.3	6.0	5.0	8.3	6.3	4.3	4.0	5.0	4.7	5.0	5.0	5.3	6.0	6.0	5.7	5.0	5.7	5.1
PENNLINKS II	6.7	5.3	5.0	6.7	6.0	5.0	4.3	4.3	5.0	5.0	5.7	5.7	5.3	5.0	6.0	5.3	5.0	5.1
SEASIDE	5.7	5.3	5.7	7.7	5.7	4.0	3.7	3.3	4.3	4.0	4.7	4.7	4.3	4.3	5.3	4.3	4.0	4.3
LSD VALUE	0.8	2.7	1.5	1.5	1.2	0.9	0.7	0.9	1.6	1.5	1.2	1.8	1.1	1.3	2.2	1.7	1.9	0.6
C.V. (%)	6.4	15.0	10.0	9.3	9.1	9.8	8.8	10.5	14.4	13.3	9.9	12.5	10.3	12.7	11.9	13.4	13.9	6.3

TABLE 7C.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	WINTER COLOR	MICRODO- CHIUM PATCH	POA ANNUA	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
EWTR	6.3	5.0	5.0	6.7	7.0	5.3	4.7	5.0	6.0	6.3	6.7	7.7	7.7	7.3	8.0	6.0	6.0	6.4
IS-AT 7	6.3	4.7	5.0	6.3	7.0	4.7	4.3	5.0	5.7	6.3	6.0	6.3	5.7	5.7	6.3	5.7	5.3	5.6
TIGER II	6.0	4.3	5.0	5.7	6.3	4.7	4.0	4.3	5.3	6.3	6.0	7.0	6.7	6.3	6.3	5.3	5.0	5.6
PST-9NBC	7.3	5.0	4.7	6.0	6.7	4.7	4.7	4.7	5.0	5.3	6.3	7.0	5.7	6.0	6.3	5.3	5.0	5.5
BARDOT	5.7	5.3	4.3	5.7	5.7	5.0	3.7	4.7	5.0	5.3	5.3	6.0	6.0	6.7	6.0	5.7	5.0	5.4
PST-9VN	7.0	5.3	5.0	6.3	5.3	4.7	3.7	3.7	4.0	4.7	4.7	5.3	5.3	6.0	5.7	5.7	4.3	4.8
SR 7150	7.0	5.7	5.0	6.7	6.3	4.7	4.3	4.7	5.3	5.0	4.7	5.0	4.7	5.0	5.7	4.3	4.7	4.8
LSD VALUE	1.0	1.3	2.1	2.0	1.7	1.7	1.8	1.7	2.0	1.3	0.7	1.9	2.1	2.7	2.3	1.5	0.9	0.9
C.V. (%)	7.8	11.6	16.1	12.9	12.3	13.5	17.5	16.1	17.0	11.9	6.9	15.0	16.9	18.7	16.4	12.7	9.5	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 8A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2006 DATA

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

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS						MEAN
				MAY	JUN	JUL	AUG	SEP	OCT	
DECLARATION	96.0	87.3	97.7	8.3	8.7	7.7	6.0	8.3	6.0	7.5
CRYSTAL BLUELINKS (PST-OEB)	87.3	85.0	95.3	7.3	6.3	6.7	5.7	8.7	8.7	7.2
INDEPENDENCE	81.7	88.0	98.3	7.7	5.3	7.3	6.7	8.3	7.0	7.1
IS-AP 14	75.0	73.3	96.0	7.7	6.0	7.0	5.0	8.3	7.3	6.9
SHARK (23R)	90.0	90.0	94.3	7.7	6.7	6.3	5.7	8.0	7.3	6.9
PENNEAGLE II	88.3	85.0	98.3	7.7	5.7	7.0	5.3	8.0	7.0	6.8
13-M	82.7	82.3	93.3	8.0	7.3	4.7	4.0	8.3	7.7	6.7
ALPHA	83.3	88.3	92.7	7.3	5.0	6.7	6.0	7.7	7.7	6.7
AUTHORITY (235050)	91.0	90.0	97.3	7.0	6.3	5.7	5.7	7.3	7.7	6.6
T-1	81.7	86.0	93.7	7.3	5.0	6.0	5.0	7.7	8.3	6.6
LS-44	85.0	88.3	96.0	7.0	5.0	5.7	5.3	8.0	8.0	6.5
SR 1150 (SRX 1PDH)	90.7	88.3	94.3	8.0	6.3	5.7	5.0	8.0	6.0	6.5
KINGPIN (9200)	86.7	74.3	95.3	7.0	6.0	5.0	4.0	8.0	8.3	6.4
L-93	81.7	89.3	99.0	7.3	5.3	5.3	4.7	8.0	7.7	6.4
PRINCEVILLE	85.0	90.0	96.0	7.0	6.0	5.7	5.3	7.0	6.7	6.3
MACKENZIE (SRX 1GPD)	82.7	75.0	93.3	7.0	5.3	5.0	4.3	8.3	7.3	6.2
BENGAL	83.3	70.0	89.0	7.0	5.0	4.0	3.3	7.3	8.0	5.8
PENNLINKS II	78.3	65.0	88.3	6.3	4.3	6.0	4.0	6.3	7.0	5.7
SR 1119	76.7	80.0	94.0	6.3	4.0	5.0	4.3	7.3	7.3	5.7
PST-9NBC	71.7	75.7	83.3	5.0	3.7	5.0	5.3	6.7	7.3	5.5
PENNCROSS	78.3	66.7	84.0	6.7	4.7	3.7	4.0	6.3	6.3	5.3
SEASIDE	55.0	63.3	83.3	4.0	3.7	4.0	3.3	4.3	6.0	4.2
TIGER II	53.3	68.3	65.0	3.7	3.7	3.3	4.0	5.0	5.7	4.2
IS-AT 7	61.7	35.0	71.7	4.7	3.3	4.0	2.0	5.0	5.7	4.1
EWTR	50.0	53.3	46.7	3.3	3.7	4.0	2.7	5.0	5.3	4.0
SR 7150	50.0	50.0	53.3	3.0	3.7	3.7	3.0	5.0	5.0	3.9
PST-9VN	50.0	53.3	53.3	3.0	2.7	3.3	2.7	4.3	5.7	3.6
BARDOT	36.7	20.0	50.0	3.3	3.3	2.3	2.3	4.7	5.0	3.5
LSD VALUE	13.7	22.6	9.9	1.2	1.3	2.1	1.9	1.5	1.5	1.0
C.V. (%)	11.8	18.8	7.8	12.6	16.3	23.6	25.1	13.9	13.2	11.1

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 8B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
DECLARATION	96.0	87.3	97.7	8.3	8.7	7.7	6.0	8.3	6.0	7.5	
CRYSTAL BLUELINKS (PST-OEB)	87.3	85.0	95.3	7.3	6.3	6.7	5.7	8.7	8.7	7.2	
INDEPENDENCE	81.7	88.0	98.3	7.7	5.3	7.3	6.7	8.3	7.0	7.1	
IS-AP 14	75.0	73.3	96.0	7.7	6.0	7.0	5.0	8.3	7.3	6.9	
SHARK (23R)	90.0	90.0	94.3	7.7	6.7	6.3	5.7	8.0	7.3	6.9	
PENNEAGLE II	88.3	85.0	98.3	7.7	5.7	7.0	5.3	8.0	7.0	6.8	
13-M	82.7	82.3	93.3	8.0	7.3	4.7	4.0	8.3	7.7	6.7	
ALPHA	83.3	88.3	92.7	7.3	5.0	6.7	6.0	7.7	7.7	6.7	
AUTHORITY (235050)	91.0	90.0	97.3	7.0	6.3	5.7	5.7	7.3	7.7	6.6	
T-1	81.7	86.0	93.7	7.3	5.0	6.0	5.0	7.7	8.3	6.6	
LS-44	85.0	88.3	96.0	7.0	5.0	5.7	5.3	8.0	8.0	6.5	
SR 1150 (SRX 1PDH)	90.7	88.3	94.3	8.0	6.3	5.7	5.0	8.0	6.0	6.5	
KINGPIN (9200)	86.7	74.3	95.3	7.0	6.0	5.0	4.0	8.0	8.3	6.4	
L-93	81.7	89.3	99.0	7.3	5.3	5.3	4.7	8.0	7.7	6.4	
PRINCEVILLE	85.0	90.0	96.0	7.0	6.0	5.7	5.3	7.0	6.7	6.3	
MACKENZIE (SRX 1GPD)	82.7	75.0	93.3	7.0	5.3	5.0	4.3	8.3	7.3	6.2	
BENGAL	83.3	70.0	89.0	7.0	5.0	4.0	3.3	7.3	8.0	5.8	
PENNLINKS II	78.3	65.0	88.3	6.3	4.3	6.0	4.0	6.3	7.0	5.7	
SR 1119	76.7	80.0	94.0	6.3	4.0	5.0	4.3	7.3	7.3	5.7	
PENNCROSS	78.3	66.7	84.0	6.7	4.7	3.7	4.0	6.3	6.3	5.3	
SEASIDE	55.0	63.3	83.3	4.0	3.7	4.0	3.3	4.3	6.0	4.2	
LSD VALUE	12.6	22.1	11.5	1.2	1.4	2.6	2.8	1.6	2.2	1.2	
C.V. (%)	8.7	13.1	5.7	10.2	15.2	22.3	24.5	12.0	13.5	10.8	

TABLE 8C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2006 DATA
TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	QUALITY RATINGS							MEAN
				MAY	JUN	JUL	AUG	SEP	OCT		
PST-9NBC	71.7	75.7	83.3	5.0	3.7	5.0	5.3	6.7	7.3	5.5	
TIGER II	53.3	68.3	65.0	3.7	3.7	3.3	4.0	5.0	5.7	4.2	
IS-AT 7	61.7	35.0	71.7	4.7	3.3	4.0	2.0	5.0	5.7	4.1	
EWTR	50.0	53.3	46.7	3.3	3.7	4.0	2.7	5.0	5.3	4.0	
SR 7150	50.0	50.0	53.3	3.0	3.7	3.7	3.0	5.0	5.0	3.9	
PST-9VN	50.0	53.3	53.3	3.0	2.7	3.3	2.7	4.3	5.7	3.6	
BARDOT	36.7	20.0	50.0	3.3	3.3	2.3	2.3	4.7	5.0	3.5	
LSD VALUE	25.4	35.6	17.6	2.2	1.8	2.1	1.3	2.4	1.0	0.7	
C.V. (%)	22.6	35.2	15.8	27.3	20.8	26.6	23.7	20.7	9.9	9.4	

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 9A.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IA1	IL1	IL3	IN1	KY1	MA1	MI1	MN1	NJ1	PA1	QE1	VA1	WA1	MEAN
T-1	8.0	7.0	8.0	8.3	8.0	7.3	6.3	6.7	8.7	8.0	7.3	8.0	9.0	9.0	7.8
SR 1119	7.0	6.7	7.3	7.0	8.0	8.0	7.0	6.0	8.0	6.0	8.0	8.0	8.0	8.0	7.4
ALPHA	7.3	7.3	6.7	6.7	7.3	6.7	6.3	7.3	8.0	6.0	7.3	8.0	8.3	8.0	7.2
KINGPIN (9200)	7.0	7.0	6.7	7.3	7.3	7.3	6.3	5.7	8.3	7.3	6.0	8.0	8.3	8.0	7.2
LS-44	7.0	7.7	6.3	8.0	7.7	7.0	6.3	5.7	7.7	5.7	7.7	7.7	8.3	7.7	7.2
PENNLINKS II	7.0	7.0	6.7	8.0	7.7	7.0	6.3	6.3	7.3	5.7	7.0	7.3	7.7	7.7	7.0
CRYSTAL BLUELINKS (PST-OEB)	7.3	7.3	6.3	7.3	7.0	7.0	6.0	5.7	7.3	5.7	6.3	7.7	8.3	7.7	6.9
L-93	7.0	6.7	6.3	6.7	7.3	7.3	6.7	6.7	5.7	6.0	7.3	7.0	8.7	7.7	6.9
PENNEAGLE II	7.3	7.3	6.7	7.7	7.0	7.0	5.7	5.3	6.3	5.3	6.7	7.7	8.0	7.7	6.8
BENGAL	7.7	7.3	6.7	7.3	7.0	7.0	6.3	6.3	6.3	5.0	5.7	7.7	8.0	7.0	6.8
INDEPENDENCE	7.3	6.7	6.7	7.0	6.7	7.7	6.0	6.3	6.7	5.3	5.0	7.3	7.3	7.3	6.7
PENNCROSS	7.0	8.0	5.3	6.7	8.0	6.0	6.3	7.0	6.0	5.3	5.7	6.7	8.0	7.0	6.6
SR 7150	7.3	8.0	6.3	.	8.0	8.0	4.3	7.3	4.3	3.0	8.0	7.7	7.0	7.0	6.6
DECLARATION	7.0	6.7	6.0	7.0	7.0	7.0	6.3	5.3	5.7	5.7	5.0	7.3	8.3	8.0	6.6
13-M	7.7	7.3	6.3	6.3	7.3	7.0	6.0	5.3	6.0	5.0	4.7	7.3	8.3	7.0	6.5
AUTHORITY (235050)	8.0	6.7	5.7	7.0	7.0	7.7	5.7	5.3	5.7	4.7	5.0	8.0	7.7	7.3	6.5
PST-9VN	8.0	6.7	5.7	.	7.7	6.0	4.3	6.0	4.3	4.3	9.0	8.0	7.0	6.7	6.4
PST-9NBC	7.0	7.3	5.0	.	8.0	6.7	4.3	7.0	5.0	4.0	6.7	8.0	7.0	6.7	6.4
MACKENZIE (SRX 1GPD)	7.3	6.7	6.0	6.7	7.0	6.7	6.0	5.0	6.3	4.7	4.0	7.3	8.0	6.7	6.3
IS-AT 7	7.3	6.7	6.3	.	8.0	7.7	5.0	5.7	4.0	4.0	5.3	8.0	7.0	7.0	6.3
SHARK (23R)	7.3	6.3	6.7	6.3	7.3	6.7	5.7	3.7	6.3	4.7	4.0	7.7	8.0	7.3	6.3
IS-AP 14	7.3	7.3	5.0	6.7	7.0	6.0	6.0	5.7	5.3	4.7	4.3	7.0	8.3	7.0	6.3
EWTR	7.7	7.0	4.7	.	8.0	7.7	4.3	7.0	4.0	3.0	6.0	8.0	7.0	6.3	6.2
TIGER II	7.7	7.0	5.0	.	8.0	7.3	4.7	6.7	3.3	3.3	7.0	7.3	7.0	6.3	6.2
PRINCEVILLE	7.0	7.0	5.3	6.0	7.7	7.0	6.3	5.3	4.7	3.7	5.3	7.3	7.3	6.3	6.2
SR 1150 (SRX 1PDH)	7.0	7.0	5.3	6.3	6.7	6.7	6.0	4.0	6.3	4.7	4.3	7.0	7.3	6.0	6.0
BARDOT	7.7	7.0	4.3	.	7.7	7.3	4.0	6.0	3.7	2.3	6.7	7.0	6.7	6.7	5.9
SEASIDE	6.7	6.7	5.0	4.7	7.7	6.3	5.3	5.0	2.0	2.3	4.7	6.0	6.0	6.3	5.3
LSD VALUE	0.7	1.0	1.0	1.8	0.7	1.0	0.8	2.1	1.4	1.1	1.8	0.7	0.7	0.8	0.3
C.V. (%)	5.8	8.9	10.4	16.3	5.8	8.9	9.0	22.5	15.4	14.1	18.8	6.0	5.8	7.1	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 9B.

GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IA1	IL1	IL3	IN1	KY1	MA1	MI1	MN1	NJ1	PA1	QE1	VA1	WA1	MEAN
T-1	8.0	7.0	8.0	8.3	8.0	7.3	6.3	6.7	8.7	8.0	7.3	8.0	9.0	9.0	7.8
SR 1119	7.0	6.7	7.3	7.0	8.0	8.0	7.0	6.0	8.0	6.0	8.0	8.0	8.0	8.0	7.4
ALPHA	7.3	7.3	6.7	6.7	7.3	6.7	6.3	7.3	8.0	6.0	7.3	8.0	8.3	8.0	7.2
KINGPIN (9200)	7.0	7.0	6.7	7.3	7.3	7.3	6.3	5.7	8.3	7.3	6.0	8.0	8.3	8.0	7.2
LS-44	7.0	7.7	6.3	8.0	7.7	7.0	6.3	5.7	7.7	5.7	7.7	7.7	8.3	7.7	7.2
PENNLINKS II	7.0	7.0	6.7	8.0	7.7	7.0	6.3	6.3	7.3	5.7	7.0	7.3	7.7	7.7	7.0
CRYSTAL BLUELINKS (PST-OEB)	7.3	7.3	6.3	7.3	7.0	7.0	6.0	5.7	7.3	5.7	6.3	7.7	8.3	7.7	6.9
L-93	7.0	6.7	6.3	6.7	7.3	7.3	6.7	6.7	5.7	6.0	7.3	7.0	8.7	7.7	6.9
PENNEAGLE II	7.3	7.3	6.7	7.7	7.0	7.0	5.7	5.3	6.3	5.3	6.7	7.7	8.0	7.7	6.8
BENGAL	7.7	7.3	6.7	7.3	7.0	7.0	6.3	6.3	6.3	5.0	5.7	7.7	8.0	7.0	6.8
INDEPENDENCE	7.3	6.7	6.7	7.0	6.7	7.7	6.0	6.3	6.7	5.3	5.0	7.3	7.3	7.3	6.7
PENNCROSS	7.0	8.0	5.3	6.7	8.0	6.0	6.3	7.0	6.0	5.3	5.7	6.7	8.0	7.0	6.6
DECLARATION	7.0	6.7	6.0	7.0	7.0	7.0	6.3	5.3	5.7	5.7	5.0	7.3	8.3	8.0	6.6
13-M	7.7	7.3	6.3	6.3	7.3	7.0	6.0	5.3	6.0	5.0	4.7	7.3	8.3	7.0	6.5
AUTHORITY (235050)	8.0	6.7	5.7	7.0	7.0	7.7	5.7	5.3	5.7	4.7	5.0	8.0	7.7	7.3	6.5
MACKENZIE (SRX 1GPD)	7.3	6.7	6.0	6.7	7.0	6.7	6.0	5.0	6.3	4.7	4.0	7.3	8.0	6.7	6.3
SHARK (23R)	7.3	6.3	6.7	6.3	7.3	6.7	5.7	3.7	6.3	4.7	4.0	7.7	8.0	7.3	6.3
IS-AP 14	7.3	7.3	5.0	6.7	7.0	6.0	6.0	5.7	5.3	4.7	4.3	7.0	8.3	7.0	6.3
PRINCEVILLE	7.0	7.0	5.3	6.0	7.7	7.0	6.3	5.3	4.7	3.7	5.3	7.3	7.3	6.3	6.2
SR 1150 (SRX 1PDH)	7.0	7.0	5.3	6.3	6.7	6.7	6.0	4.0	6.3	4.7	4.3	7.0	7.3	6.0	6.0
SEASIDE	6.7	6.7	5.0	4.7	7.7	6.3	5.3	5.0	2.0	2.3	4.7	6.0	6.0	6.3	5.3
LSD VALUE	0.6	1.1	1.0	1.8	0.8	0.9	0.8	2.3	1.5	1.2	1.8	0.8	0.8	0.8	0.3
C.V. (%)	5.5	9.3	9.5	16.3	6.4	7.9	8.5	24.6	15.0	14.3	19.4	6.6	6.3	7.1	11.6

TABLE 9C.

GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IA1	IL1	IN1	KY1	MA1	MI1	MN1	NJ1	PA1	QE1	VA1	WA1	MEAN
SR 7150	7.3	8.0	6.3	8.0	8.0	4.3	7.3	4.3	3.0	8.0	7.7	7.0	7.0	6.6
PST-9VN	8.0	6.7	5.7	7.7	6.0	4.3	6.0	4.3	4.3	9.0	8.0	7.0	6.7	6.4
PST-9NBC	7.0	7.3	5.0	8.0	6.7	4.3	7.0	5.0	4.0	6.7	8.0	7.0	6.7	6.4
IS-AT 7	7.3	6.7	6.3	8.0	7.7	5.0	5.7	4.0	4.0	5.3	8.0	7.0	7.0	6.3
EWTR	7.7	7.0	4.7	8.0	7.7	4.3	7.0	4.0	3.0	6.0	8.0	7.0	6.3	6.2
TIGER II	7.7	7.0	5.0	8.0	7.3	4.7	6.7	3.3	3.3	7.0	7.3	7.0	6.3	6.2
BARDOT	7.7	7.0	4.3	7.7	7.3	4.0	6.0	3.7	2.3	6.7	7.0	6.7	6.7	5.9
LSD VALUE	0.8	0.9	1.2	0.5	1.3	0.8	1.7	1.1	0.6	1.9	0.5	0.4	0.8	0.3
C.V. (%)	6.5	7.5	13.6	3.9	11.3	11.0	16.4	16.9	11.0	17.2	4.0	3.1	7.3	10.4

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

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

TABLE 10A.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IA1	IL1	IL3	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NY1	PA1	QE1	VA1	WA1	MEAN
PST-9NBC	6.3	5.7	4.7	7.3	8.3	7.0	5.3	4.3	9.0	4.7	6.7	8.7	5.7	8.0	6.7	6.6
SR 7150	7.0	5.0	5.7	7.3	8.0	7.3	6.0	4.7	8.3	3.0	7.3	8.3	5.7	7.7	7.0	6.6
PST-9VN	6.3	4.0	7.0	7.7	8.3	6.7	5.7	5.3	9.0	2.7	7.3	8.0	6.0	7.7	6.3	6.5
TIGER II	7.0	5.7	4.0	6.7	7.3	6.7	6.0	5.3	8.7	2.0	7.0	8.7	6.0	8.0	6.7	6.4
BARDOT	6.0	4.7	6.3	7.0	9.0	7.3	4.7	4.3	8.7	2.3	7.0	8.3	5.3	8.0	6.7	6.4
T-1	6.3	6.3	6.7	6.0	4.7	7.3	5.0	5.7	7.0	6.0	7.0	7.7	4.7	8.0	7.0	6.4
IS-AT 7	6.3	5.7	4.7	6.3	7.0	6.7	5.3	5.3	9.0	1.7	7.0	8.7	5.7	7.7	7.7	6.3
KINGPIN (9200)	6.3	4.3	7.7	6.0	5.3	5.3	6.0	5.3	7.0	8.7	6.7	7.7	4.0	7.7	6.0	6.3
LS-44	7.3	5.3	7.0	6.3	4.3	7.0	6.3	5.0	7.7	4.0	6.7	7.3	4.7	8.0	5.7	6.2
PRINCEVILLE	7.0	4.7	7.7	6.0	5.0	6.3	6.3	4.7	8.3	4.3	6.3	8.0	4.3	8.0	5.7	6.2
BENGAL	6.7	5.3	7.0	6.7	4.3	6.3	6.7	4.7	6.7	6.0	6.3	7.3	5.0	7.7	5.7	6.2
CRYSTAL BLUELINKS (PST-OEB)	6.7	5.7	6.7	6.0	4.0	5.7	6.0	5.3	8.7	4.7	7.3	7.0	4.3	7.7	6.7	6.2
PENNLINKS II	7.3	5.3	5.3	6.3	5.0	6.0	5.7	5.3	9.0	4.3	7.0	6.7	4.7	8.0	6.0	6.1
PENNEAGLE II	6.7	6.0	6.7	6.3	4.3	6.0	5.7	6.0	8.0	4.7	6.3	7.0	4.0	8.0	6.3	6.1
L-93	7.3	5.3	6.3	6.3	4.3	6.7	6.3	4.3	8.3	4.0	6.7	7.7	4.7	8.0	5.3	6.1
EWTR	6.0	5.3	4.0	6.0	7.3	6.7	4.0	5.3	8.3	2.3	7.7	8.3	6.3	7.3	6.7	6.1
SR 1119	7.0	5.7	6.3	6.0	4.3	6.3	7.7	5.0	7.0	3.3	7.0	7.3	4.7	8.0	6.0	6.1
ALPHA	6.0	4.7	6.3	6.7	4.7	6.3	6.3	6.3	6.7	5.3	6.3	6.7	5.0	7.7	6.0	6.1
INDEPENDENCE	6.0	5.7	6.7	5.3	3.7	6.3	5.7	5.3	6.3	6.0	7.3	6.7	4.3	7.7	6.0	5.9
13-M	7.0	5.3	5.7	6.3	3.7	6.3	4.3	5.7	7.3	5.7	6.0	7.7	4.7	8.0	5.3	5.9
PENNCROSS	6.7	4.7	4.7	7.3	6.0	7.3	6.0	5.0	7.7	1.3	7.0	7.0	4.7	7.7	5.7	5.9
IS-AP 14	5.7	5.7	7.0	5.7	4.0	6.0	4.3	5.7	6.3	6.7	7.0	6.7	4.3	7.3	6.3	5.9
DECLARATION	5.7	4.0	7.0	5.3	2.7	5.3	5.0	6.0	8.0	7.0	6.3	7.3	4.0	8.0	5.3	5.8
MACKENZIE (SRX 1GPD)	6.3	5.3	6.0	5.7	4.3	5.7	4.3	5.0	6.7	7.7	7.0	4.3	4.0	7.3	6.7	5.8
SEASIDE	7.0	5.7	6.7	5.3	7.3	7.0	3.3	4.0	9.0	2.0	6.7	7.3	2.3	7.3	5.3	5.8
AUTHORITY (235050)	6.0	4.3	6.3	5.7	4.0	5.7	4.7	4.7	7.0	7.0	6.7	6.3	3.7	7.3	5.0	5.6
SR 1150 (SRX 1PDH)	6.0	4.3	6.3	5.7	3.3	4.0	4.7	4.7	7.7	6.3	7.7	5.3	3.7	7.7	6.7	5.6
SHARK (23R)	6.3	5.0	6.0	5.3	3.0	4.0	4.0	5.3	6.7	5.7	7.3	6.3	4.0	8.0	5.3	5.5
LSD VALUE	1.0	1.6	1.7	1.2	2.0	1.9	1.7	1.3	1.0	1.6	0.7	1.4	1.2	0.7	1.1	0.4
C.V. (%)	9.8	19.2	17.2	11.7	23.8	18.8	19.9	16.1	8.3	22.0	6.7	12.1	15.9	5.4	11.0	14.4

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 10B.

SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IA1	IL1	IL3	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NY1	PA1	QE1	VA1	WA1	MEAN
T-1	6.3	6.3	6.7	6.0	4.7	7.3	5.0	5.7	7.0	6.0	7.0	7.7	4.7	8.0	7.0	6.4
KINGPIN (9200)	6.3	4.3	7.7	6.0	5.3	5.3	6.0	5.3	7.0	8.7	6.7	7.7	4.0	7.7	6.0	6.3
LS-44	7.3	5.3	7.0	6.3	4.3	7.0	6.3	5.0	7.7	4.0	6.7	7.3	4.7	8.0	5.7	6.2
PRINCEVILLE	7.0	4.7	7.7	6.0	5.0	6.3	6.3	4.7	8.3	4.3	6.3	8.0	4.3	8.0	5.7	6.2
BENGAL	6.7	5.3	7.0	6.7	4.3	6.3	6.7	4.7	6.7	6.0	6.3	7.3	5.0	7.7	5.7	6.2
CRYSTAL BLUELINKS (PST-OEB)	6.7	5.7	6.7	6.0	4.0	5.7	6.0	5.3	8.7	4.7	7.3	7.0	4.3	7.7	6.7	6.2
PENNLINKS II	7.3	5.3	5.3	6.3	5.0	6.0	5.7	5.3	9.0	4.3	7.0	6.7	4.7	8.0	6.0	6.1
PENNEAGLE II	6.7	6.0	6.7	6.3	4.3	6.0	5.7	6.0	8.0	4.7	6.3	7.0	4.0	8.0	6.3	6.1
L-93	7.3	5.3	6.3	6.3	4.3	6.7	6.3	4.3	8.3	4.0	6.7	7.7	4.7	8.0	5.3	6.1
SR 1119	7.0	5.7	6.3	6.0	4.3	6.3	7.7	5.0	7.0	3.3	7.0	7.3	4.7	8.0	6.0	6.1
ALPHA	6.0	4.7	6.3	6.7	4.7	6.3	6.3	6.3	6.7	5.3	6.3	6.7	5.0	7.7	6.0	6.1
INDEPENDENCE	6.0	5.7	6.7	5.3	3.7	6.3	5.7	5.3	6.3	6.0	7.3	6.7	4.3	7.7	6.0	5.9
13-M	7.0	5.3	5.7	6.3	3.7	6.3	4.3	5.7	7.3	5.7	6.0	7.7	4.7	8.0	5.3	5.9
PENNCROSS	6.7	4.7	4.7	7.3	6.0	7.3	6.0	5.0	7.7	1.3	7.0	7.0	4.7	7.7	5.7	5.9
IS-AP 14	5.7	5.7	7.0	5.7	4.0	6.0	4.3	5.7	6.3	6.7	7.0	6.7	4.3	7.3	6.3	5.9
DECLARATION	5.7	4.0	7.0	5.3	2.7	5.3	5.0	6.0	8.0	7.0	6.3	7.3	4.0	8.0	5.3	5.8
MACKENZIE (SRX 1GPD)	6.3	5.3	6.0	5.7	4.3	5.7	4.3	5.0	6.7	7.7	7.0	4.3	4.0	7.3	6.7	5.8
SEASIDE	7.0	5.7	6.7	5.3	7.3	7.0	3.3	4.0	9.0	2.0	6.7	7.3	2.3	7.3	5.3	5.8
AUTHORITY (235050)	6.0	4.3	6.3	5.7	4.0	5.7	4.7	4.7	7.0	7.0	6.7	6.3	3.7	7.3	5.0	5.6
SR 1150 (SRX 1PDH)	6.0	4.3	6.3	5.7	3.3	4.0	4.7	4.7	7.7	6.3	7.7	5.3	3.7	7.7	6.7	5.6
SHARK (23R)	6.3	5.0	6.0	5.3	3.0	4.0	4.0	5.3	6.7	5.7	7.3	6.3	4.0	8.0	5.3	5.5
LSD VALUE	1.1	1.8	1.8	1.3	2.2	2.1	1.6	1.4	1.1	1.6	0.8	1.5	1.3	0.7	1.1	0.4
C.V. (%)	10.7	21.1	17.2	13.2	31.6	21.2	18.4	17.2	9.4	19.1	6.9	13.3	18.9	5.4	11.5	15.4

TABLE 10C.

SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IA1	IL1	IN1	MA1	MI1	MN1	ND1	NE1	NJ1	NY1	PA1	QE1	VA1	WA1	MEAN
PST-9NBC	6.3	5.7	7.3	8.3	7.0	5.3	4.3	9.0	4.7	6.7	8.7	5.7	8.0	6.7	6.6
SR 7150	7.0	5.0	7.3	8.0	7.3	6.0	4.7	8.3	3.0	7.3	8.3	5.7	7.7	7.0	6.6
PST-9VN	6.3	4.0	7.7	8.3	6.7	5.7	5.3	9.0	2.7	7.3	8.0	6.0	7.7	6.3	6.5
TIGER II	7.0	5.7	6.7	7.3	6.7	6.0	5.3	8.7	2.0	7.0	8.7	6.0	8.0	6.7	6.4
BARDOT	6.0	4.7	7.0	9.0	7.3	4.7	4.3	8.7	2.3	7.0	8.3	5.3	8.0	6.7	6.4
IS-AT 7	6.3	5.7	6.3	7.0	6.7	5.3	5.3	9.0	1.7	7.0	8.7	5.7	7.7	7.7	6.3
EWTR	6.0	5.3	6.0	7.3	6.7	4.0	5.3	8.3	2.3	7.7	8.3	6.3	7.3	6.7	6.1
LSD VALUE	0.6	1.0	0.8	1.1	1.2	2.0	0.9	0.7	1.7	0.7	1.2	0.8	0.7	1.1	0.3
C.V. (%)	5.9	12.0	7.1	8.7	10.9	24.1	11.7	5.0	39.2	6.1	9.0	8.4	5.6	9.6	11.0

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

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

TABLE 11A. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IA1	MI1	QE1	MEAN
SHARK (23R)	8.3	7.0	7.0	7.0	7.3
13-M	8.0	7.3	6.7	6.7	7.2
IS-AP 14	8.3	7.0	6.3	7.0	7.2
AUTHORITY (235050)	8.0	6.7	6.7	6.7	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.0	7.0	6.3	6.7	7.0
T-1	8.0	7.0	6.3	6.7	7.0
MACKENZIE (SRX 1GPD)	8.0	7.3	6.3	6.3	7.0
IS-AT 7	8.0	7.3	5.7	6.7	6.9
L-93	7.7	6.7	6.3	6.7	6.8
INDEPENDENCE	8.0	6.3	6.3	6.7	6.8
PENNEAGLE II	8.0	7.3	6.0	6.0	6.8
KINGPIN (9200)	8.0	6.7	5.7	6.3	6.7
DECLARATION	7.7	6.3	6.3	6.3	6.7
BENGAL	8.3	7.3	4.7	6.0	6.6
SR 1119	8.0	6.0	5.7	6.3	6.5
SR 1150 (SRX 1PDH)	8.0	6.0	5.7	6.3	6.5
TIGER II	8.0	6.0	5.0	7.0	6.5
EWTR	7.7	7.0	4.7	6.3	6.4
PST-9NBC	7.7	7.0	4.0	7.0	6.4
ALPHA	8.0	6.0	4.0	6.7	6.2
BARDOT	7.7	8.0	2.0	7.0	6.2
PRINCEVILLE	7.3	6.3	4.7	6.3	6.2
SR 7150	7.7	7.3	2.3	7.0	6.1
LS-44	7.0	6.0	4.0	6.3	5.8
PENNCROSS	7.3	7.0	3.0	6.0	5.8
PENNLINKS II	7.7	5.7	3.7	6.3	5.8
PST-9VN	8.0	6.0	2.0	6.0	5.5
SEASIDE	6.7	5.7	2.7	6.7	5.4
LSD VALUE	0.6	1.4	1.8	0.7	0.6
C.V. (%)	5.0	13.4	22.8	7.1	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 11B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IA1	MI1	QE1	MEAN
SHARK (23R)	8.3	7.0	7.0	7.0	7.3
13-M	8.0	7.3	6.7	6.7	7.2
IS-AP 14	8.3	7.0	6.3	7.0	7.2
AUTHORITY (235050)	8.0	6.7	6.7	6.7	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.0	7.0	6.3	6.7	7.0
T-1	8.0	7.0	6.3	6.7	7.0
MACKENZIE (SRX 1GPD)	8.0	7.3	6.3	6.3	7.0
L-93	7.7	6.7	6.3	6.7	6.8
INDEPENDENCE	8.0	6.3	6.3	6.7	6.8
PENNEAGLE II	8.0	7.3	6.0	6.0	6.8
KINGPIN (9200)	8.0	6.7	5.7	6.3	6.7
DECLARATION	7.7	6.3	6.3	6.3	6.7
BENGAL	8.3	7.3	4.7	6.0	6.6
SR 1119	8.0	6.0	5.7	6.3	6.5
SR 1150 (SRX 1PDH)	8.0	6.0	5.7	6.3	6.5
ALPHA	8.0	6.0	4.0	6.7	6.2
PRINCEVILLE	7.3	6.3	4.7	6.3	6.2
LS-44	7.0	6.0	4.0	6.3	5.8
PENNCROSS	7.3	7.0	3.0	6.0	5.8
PENNLINKS II	7.7	5.7	3.7	6.3	5.8
SEASIDE	6.7	5.7	2.7	6.7	5.4
LSD VALUE	0.6	1.5	1.5	0.8	0.6
C.V. (%)	4.8	14.0	17.2	7.8	11.1

TABLE 11C. LEAF TEXTURE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IA1	MI1	QE1	MEAN
IS-AT 7	8.0	7.3	5.7	6.7	6.9
TIGER II	8.0	6.0	5.0	7.0	6.5
EWTR	7.7	7.0	4.7	6.3	6.4
PST-9NBC	7.7	7.0	4.0	7.0	6.4
BARDOT	7.7	8.0	2.0	7.0	6.2
SR 7150	7.7	7.3	2.3	7.0	6.1
PST-9VN	8.0	6.0	2.0	6.0	5.5
LSD VALUE	0.7	1.3	2.6	0.5	0.8
C.V. (%)	5.6	11.7	43.7	4.6	14.9

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

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

TABLE 12A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IN1	MI1	ND1	NE1	PA1	QE1	MEAN
MACKENZIE (SRX 1GPD)	7.7	8.3	7.7	5.7	6.7	9.0	7.7	7.5
SHARK (23R)	8.0	8.0	7.7	5.7	4.7	8.0	8.0	7.1
KINGPIN (9200)	7.7	8.7	7.0	6.0	5.0	8.0	7.7	7.1
13-M	8.0	8.0	7.0	5.7	6.7	6.3	7.7	7.0
PENNEAGLE II	7.7	7.7	7.0	5.0	7.3	6.3	7.7	7.0
SR 1150 (SRX 1PDH)	7.7	8.0	7.7	4.3	5.3	8.3	7.3	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.0	7.7	6.3	5.3	7.7	6.0	7.3	6.9
DECLARATION	7.7	7.7	6.7	6.3	5.0	7.3	7.3	6.9
L-93	7.7	8.3	6.0	4.3	8.7	6.0	7.0	6.9
AUTHORITY (235050)	8.0	7.7	6.0	5.7	5.3	7.3	7.7	6.8
BENGAL	8.0	7.7	5.7	4.7	7.7	6.3	7.3	6.8
IS-AP 14	8.0	8.0	7.0	5.3	4.3	7.7	7.0	6.8
IS-AT 7	8.0	6.3	4.0	5.3	8.3	7.0	8.0	6.7
SR 1119	7.7	7.7	5.0	5.7	8.0	5.3	7.7	6.7
T-1	8.0	8.0	6.3	5.7	4.0	7.0	8.0	6.7
INDEPENDENCE	7.7	8.0	6.0	6.0	4.0	7.3	7.7	6.7
EWTR	7.3	6.0	4.0	5.0	8.3	6.7	8.0	6.5
BARDOT	7.7	6.7	3.3	5.0	8.0	6.3	8.0	6.4
LS-44	7.3	8.0	6.0	5.3	6.0	5.3	7.0	6.4
PST-9NBC	7.3	5.3	3.7	5.3	8.3	7.0	8.0	6.4
ALPHA	7.7	7.7	5.7	5.7	4.3	6.3	7.3	6.4
PST-9VN	7.7	5.3	3.3	5.3	8.3	6.7	8.0	6.4
SR 7150	7.3	5.7	4.0	5.3	8.0	6.7	7.7	6.4
PRINCEVILLE	7.0	6.3	6.0	5.3	9.0	4.0	6.7	6.3
PENNLINKS II	7.3	6.3	4.7	5.0	8.3	5.0	7.0	6.2
TIGER II	7.3	5.3	3.7	5.3	7.3	6.7	8.0	6.2
PENNCROSS	7.0	7.3	4.3	5.0	9.0	4.0	6.3	6.1
SEASIDE	6.7	4.0	3.0	4.0	7.0	2.0	4.3	4.4
LSD VALUE	0.8	0.9	1.4	1.6	1.9	0.9	0.7	0.5
C.V. (%)	6.6	8.1	15.9	18.4	17.7	9.0	5.9	11.9

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

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

TABLE 12B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IN1	MI1	ND1	NE1	PA1	QE1	MEAN
MACKENZIE (SRX 1GPD)	7.7	8.3	7.7	5.7	6.7	9.0	7.7	7.5
SHARK (23R)	8.0	8.0	7.7	5.7	4.7	8.0	8.0	7.1
KINGPIN (9200)	7.7	8.7	7.0	6.0	5.0	8.0	7.7	7.1
13-M	8.0	8.0	7.0	5.7	6.7	6.3	7.7	7.0
PENNEAGLE II	7.7	7.7	7.0	5.0	7.3	6.3	7.7	7.0
SR 1150 (SRX 1PDH)	7.7	8.0	7.7	4.3	5.3	8.3	7.3	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.0	7.7	6.3	5.3	7.7	6.0	7.3	6.9
DECLARATION	7.7	7.7	6.7	6.3	5.0	7.3	7.3	6.9
L-93	7.7	8.3	6.0	4.3	8.7	6.0	7.0	6.9
AUTHORITY (235050)	8.0	7.7	6.0	5.7	5.3	7.3	7.7	6.8
BENGAL	8.0	7.7	5.7	4.7	7.7	6.3	7.3	6.8
IS-AP 14	8.0	8.0	7.0	5.3	4.3	7.7	7.0	6.8
SR 1119	7.7	7.7	5.0	5.7	8.0	5.3	7.7	6.7
T-1	8.0	8.0	6.3	5.7	4.0	7.0	8.0	6.7
INDEPENDENCE	7.7	8.0	6.0	6.0	4.0	7.3	7.7	6.7
LS-44	7.3	8.0	6.0	5.3	6.0	5.3	7.0	6.4
ALPHA	7.7	7.7	5.7	5.7	4.3	6.3	7.3	6.4
PRINCEVILLE	7.0	6.3	6.0	5.3	9.0	4.0	6.7	6.3
PENNLINKS II	7.3	6.3	4.7	5.0	8.3	5.0	7.0	6.2
PENNCROSS	7.0	7.3	4.3	5.0	9.0	4.0	6.3	6.1
SEASIDE	6.7	4.0	3.0	4.0	7.0	2.0	4.3	4.4
LSD VALUE	0.8	0.9	1.5	1.7	2.1	1.0	0.8	0.5
C.V. (%)	6.4	7.3	14.8	19.7	20.8	9.5	6.8	12.5

TABLE 12C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	IN1	MI1	ND1	NE1	PA1	QE1	MEAN
IS-AT 7	8.0	6.3	4.0	5.3	8.3	7.0	8.0	6.7
EWTR	7.3	6.0	4.0	5.0	8.3	6.7	8.0	6.5
BARDOT	7.7	6.7	3.3	5.0	8.0	6.3	8.0	6.4
PST-9NBC	7.3	5.3	3.7	5.3	8.3	7.0	8.0	6.4
PST-9VN	7.7	5.3	3.3	5.3	8.3	6.7	8.0	6.4
SR 7150	7.3	5.7	4.0	5.3	8.0	6.7	7.7	6.4
TIGER II	7.3	5.3	3.7	5.3	7.3	6.7	8.0	6.2
LSD VALUE	0.9	1.1	1.3	1.2	1.2	0.8	0.4	0.4
C.V. (%)	7.1	11.3	21.2	13.8	8.9	7.3	2.7	9.6

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

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

TABLE 13A.

SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/											
	CA7	IL1	IL3	MA1	MI1	ND1	NE1	OK1	PA1	QE1	WA1	MEAN
DECLARATION	9.0	8.0	7.7	8.0	5.7	3.3	7.0	7.3	7.7	7.7	8.0	7.2
SR 1150 (SRX 1PDH)	9.0	7.3	7.7	7.7	6.3	4.3	6.3	7.3	7.3	7.3	7.7	7.1
CRYSTAL BLUELINKS (PST-OEB)	9.0	7.3	6.7	7.7	6.3	4.3	7.7	7.7	6.7	7.0	7.7	7.1
KINGPIN (9200)	8.7	7.0	7.3	7.3	7.0	3.7	6.0	7.0	8.0	8.0	8.0	7.1
SHARK (23R)	8.7	8.0	7.3	7.7	6.7	4.0	5.3	6.7	8.3	7.3	8.0	7.1
IS-AP 14	9.0	7.7	8.0	7.3	6.7	4.0	5.0	7.0	7.3	7.7	8.0	7.1
L-93	8.3	7.0	7.0	7.3	6.7	4.0	8.3	7.3	6.7	7.3	7.7	7.1
13-M	9.0	7.3	6.3	7.7	6.7	3.3	7.0	7.3	7.3	7.0	8.0	7.0
MACKENZIE (SRX 1GPD)	8.3	7.3	7.7	6.7	7.3	2.3	6.3	6.7	8.3	7.7	8.0	7.0
AUTHORITY (235050)	9.0	7.0	7.7	7.3	7.0	3.0	5.0	7.0	8.0	7.3	8.0	6.9
LS-44	9.0	6.7	7.7	6.7	5.7	4.7	6.0	7.0	6.7	7.0	7.7	6.8
PENNEAGLE II	8.7	6.7	7.7	7.0	6.0	2.7	6.7	7.7	6.7	7.0	8.0	6.8
BENGAL	9.0	6.3	7.3	6.7	5.3	3.7	6.3	6.3	6.7	7.7	8.0	6.7
T-1	8.7	7.3	7.7	6.7	5.7	2.7	5.0	6.7	8.0	7.0	8.0	6.7
ALPHA	9.0	7.0	7.0	6.7	6.3	3.0	4.3	7.3	7.0	7.3	8.0	6.6
INDEPENDENCE	8.7	6.3	7.0	5.7	7.3	3.0	4.7	7.0	8.0	7.3	8.0	6.6
SR 1119	9.0	6.3	6.7	4.3	5.3	4.3	9.0	6.7	5.7	6.7	8.0	6.5
PENNLINKS II	8.7	4.7	6.0	7.0	3.7	3.3	8.7	6.7	5.3	7.3	8.0	6.3
PRINCEVILLE	8.3	5.7	5.7	6.3	5.0	4.0	8.3	7.0	5.0	6.7	7.3	6.3
EWTR	8.7	6.3	.	9.0	3.3	2.3	7.3	6.3	4.7	8.0	7.0	6.3
IS-AT 7	8.7	5.7	.	8.7	3.7	3.0	8.0	5.7	3.7	7.7	7.3	6.2
SR 7150	8.0	4.7	.	8.3	4.0	3.0	7.7	6.7	3.7	7.3	7.0	6.0
PST-9VN	8.7	4.7	.	8.3	3.3	3.7	8.0	5.3	3.7	7.3	7.0	6.0
TIGER II	7.7	4.7	.	8.7	3.7	2.3	7.3	6.0	5.0	7.7	7.0	6.0
BARDOT	8.3	4.0	.	8.3	3.3	4.0	6.7	7.0	3.7	7.7	7.0	6.0
PST-9NBC	8.3	5.0	.	8.7	3.0	3.7	7.3	6.0	3.7	6.7	7.0	5.9
PENNCROSS	9.0	5.0	4.3	4.7	4.0	4.3	8.7	6.3	5.0	7.0	6.3	5.9
SEASIDE	7.3	3.0	4.3	7.0	3.3	5.0	8.0	5.7	3.0	5.0	4.0	5.1
LSD VALUE	0.8	1.4	1.4	1.8	1.3	1.8	1.8	1.0	1.0	0.8	0.5	0.4
C.V. (%)	5.5	14.3	12.8	15.1	14.7	31.9	16.7	9.4	10.4	6.6	3.9	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.

TABLE 13B.

SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/											
	CA7	IL1	IL3	MA1	MI1	ND1	NE1	OK1	PA1	QE1	WA1	MEAN
DECLARATION	9.0	8.0	7.7	8.0	5.7	3.3	7.0	7.3	7.7	7.7	8.0	7.2
SR 1150 (SRX 1PDH)	9.0	7.3	7.7	7.7	6.3	4.3	6.3	7.3	7.3	7.3	7.7	7.1
CRYSTAL BLUELINKS (PST-OEB)	9.0	7.3	6.7	7.7	6.3	4.3	7.7	7.7	6.7	7.0	7.7	7.1
KINGPIN (9200)	8.7	7.0	7.3	7.3	7.0	3.7	6.0	7.0	8.0	8.0	8.0	7.1
SHARK (23R)	8.7	8.0	7.3	7.7	6.7	4.0	5.3	6.7	8.3	7.3	8.0	7.1
IS-AP 14	9.0	7.7	8.0	7.3	6.7	4.0	5.0	7.0	7.3	7.7	8.0	7.1
L-93	8.3	7.0	7.0	7.3	6.7	4.0	8.3	7.3	6.7	7.3	7.7	7.1
13-M	9.0	7.3	6.3	7.7	6.7	3.3	7.0	7.3	7.3	7.0	8.0	7.0
MACKENZIE (SRX 1GPD)	8.3	7.3	7.7	6.7	7.3	2.3	6.3	6.7	8.3	7.7	8.0	7.0
AUTHORITY (235050)	9.0	7.0	7.7	7.3	7.0	3.0	5.0	7.0	8.0	7.3	8.0	6.9
LS-44	9.0	6.7	7.7	6.7	5.7	4.7	6.0	7.0	6.7	7.0	7.7	6.8
PENNEAGLE II	8.7	6.7	7.7	7.0	6.0	2.7	6.7	7.7	6.7	7.0	8.0	6.8
BENGAL	9.0	6.3	7.3	6.7	5.3	3.7	6.3	6.3	6.7	7.7	8.0	6.7
T-1	8.7	7.3	7.7	6.7	5.7	2.7	5.0	6.7	8.0	7.0	8.0	6.7
ALPHA	9.0	7.0	7.0	6.7	6.3	3.0	4.3	7.3	7.0	7.3	8.0	6.6
INDEPENDENCE	8.7	6.3	7.0	5.7	7.3	3.0	4.7	7.0	8.0	7.3	8.0	6.6
SR 1119	9.0	6.3	6.7	4.3	5.3	4.3	9.0	6.7	5.7	6.7	8.0	6.5
PENNLINKS II	8.7	4.7	6.0	7.0	3.7	3.3	8.7	6.7	5.3	7.3	8.0	6.3
PRINCEVILLE	8.3	5.7	5.7	6.3	5.0	4.0	8.3	7.0	5.0	6.7	7.3	6.3
PENNCROSS	9.0	5.0	4.3	4.7	4.0	4.3	8.7	6.3	5.0	7.0	6.3	5.9
SEASIDE	7.3	3.0	4.3	7.0	3.3	5.0	8.0	5.7	3.0	5.0	4.0	5.1
LSD VALUE	0.6	1.4	1.4	2.0	1.3	1.8	2.0	0.9	1.0	0.7	0.5	0.4
C.V. (%)	4.6	13.3	12.8	18.0	14.0	31.1	18.8	7.7	8.7	6.3	4.0	12.5

TABLE 13C.

SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/										
	CA7	IL1	MA1	MI1	ND1	NE1	OK1	PA1	QE1	WA1	MEAN
EWTR	8.7	6.3	9.0	3.3	2.3	7.3	6.3	4.7	8.0	7.0	6.3
IS-AT 7	8.7	5.7	8.7	3.7	3.0	8.0	5.7	3.7	7.7	7.3	6.2
SR 7150	8.0	4.7	8.3	4.0	3.0	7.7	6.7	3.7	7.3	7.0	6.0
PST-9VN	8.7	4.7	8.3	3.3	3.7	8.0	5.3	3.7	7.3	7.0	6.0
TIGER II	7.7	4.7	8.7	3.7	2.3	7.3	6.0	5.0	7.7	7.0	6.0
BARDOT	8.3	4.0	8.3	3.3	4.0	6.7	7.0	3.7	7.7	7.0	6.0
PST-9NBC	8.3	5.0	8.7	3.0	3.7	7.3	6.0	3.7	6.7	7.0	5.9
LSD VALUE	1.1	1.4	0.9	1.0	1.8	1.2	1.4	1.2	0.9	0.4	0.4
C.V. (%)	7.9	18.0	6.2	17.8	34.7	9.7	14.2	18.9	7.1	3.1	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 14A.

FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	CA7	MI1	MN1	ND1	NE1	NJ1	QE1	VA1	MEAN
AUTHORITY (235050)	9.0	7.3	6.7	4.3	7.7	8.0	7.7	8.0	7.3
13-M	8.3	7.0	6.3	4.7	9.0	7.3	7.0	8.0	7.2
SHARK (23R)	8.3	7.7	6.3	4.7	7.0	8.0	7.3	8.3	7.2
DECLARATION	9.0	7.7	6.0	4.3	8.7	7.3	7.3	7.0	7.2
LS-44	9.0	6.3	6.7	5.3	8.3	6.3	7.3	7.3	7.1
KINGPIN (9200)	8.7	7.3	5.7	4.3	8.7	6.7	7.0	8.3	7.1
MACKENZIE (SRX 1GPD)	8.7	7.3	6.7	3.3	7.3	8.0	7.7	7.3	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.7	5.3	6.7	5.0	8.7	6.3	7.0	8.0	7.0
IS-AP 14	8.3	7.3	6.7	5.0	6.7	7.0	7.0	7.3	6.9
SR 1150 (SRX 1PDH)	8.7	6.0	5.7	4.0	8.0	7.3	7.0	8.0	6.8
T-1	9.0	6.7	6.3	4.0	7.7	6.7	7.0	7.3	6.8
BENGAL	8.7	6.7	6.0	4.7	7.3	6.0	7.3	7.7	6.8
L-93	8.7	6.3	6.7	5.0	8.7	5.0	7.0	7.0	6.8
PENNEAGLE II	8.7	6.0	5.7	4.0	8.0	6.7	7.7	7.7	6.8
INDEPENDENCE	8.7	7.3	6.0	4.7	6.3	6.3	7.0	7.7	6.8
EWTR	8.7	4.3	7.0	4.0	8.7	5.3	7.7	7.3	6.6
ALPHA	9.0	6.0	5.7	4.0	7.7	5.3	7.0	8.0	6.6
IS-AT 7	8.3	3.7	7.0	4.3	8.3	5.3	7.7	8.0	6.6
PST-9NBC	8.0	3.3	7.0	4.0	8.3	6.0	7.3	8.3	6.5
BARDOT	8.7	3.0	6.7	5.7	7.7	5.0	8.0	6.7	6.4
SR 1119	8.7	4.7	6.0	4.7	7.3	5.0	7.3	7.7	6.4
SR 7150	8.3	4.0	6.7	4.3	7.7	4.7	8.0	7.3	6.4
TIGER II	8.3	3.7	7.0	4.3	7.3	5.0	7.7	7.7	6.4
PST-9VN	8.3	3.7	5.7	4.7	8.0	4.7	7.0	7.7	6.2
PRINCEVILLE	8.3	4.7	5.0	4.7	7.3	3.7	7.0	7.3	6.0
PENNLINKS II	8.7	3.7	4.0	4.0	8.3	4.0	7.0	7.7	5.9
PENNCROSS	8.3	4.7	3.7	4.7	7.0	2.7	7.0	7.0	5.6
SEASIDE	7.3	3.0	1.0	5.0	7.3	1.0	5.0	6.3	4.5
LSD VALUE	0.8	1.6	1.3	1.2	1.4	1.0	0.7	1.2	0.4
C.V. (%)	6.0	18.4	13.7	17.2	10.9	10.6	5.9	9.8	11.2

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

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

TABLE 14B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
	CA7	MI1	MN1	ND1	NE1	NJ1	QE1	VA1	MEAN
AUTHORITY (235050)	9.0	7.3	6.7	4.3	7.7	8.0	7.7	8.0	7.3
13-M	8.3	7.0	6.3	4.7	9.0	7.3	7.0	8.0	7.2
SHARK (23R)	8.3	7.7	6.3	4.7	7.0	8.0	7.3	8.3	7.2
DECLARATION	9.0	7.7	6.0	4.3	8.7	7.3	7.3	7.0	7.2
LS-44	9.0	6.3	6.7	5.3	8.3	6.3	7.3	7.3	7.1
KINGPIN (9200)	8.7	7.3	5.7	4.3	8.7	6.7	7.0	8.3	7.1
MACKENZIE (SRX 1GPD)	8.7	7.3	6.7	3.3	7.3	8.0	7.7	7.3	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.7	5.3	6.7	5.0	8.7	6.3	7.0	8.0	7.0
IS-AP 14	8.3	7.3	6.7	5.0	6.7	7.0	7.0	7.3	6.9
SR 1150 (SRX 1PDH)	8.7	6.0	5.7	4.0	8.0	7.3	7.0	8.0	6.8
T-1	9.0	6.7	6.3	4.0	7.7	6.7	7.0	7.3	6.8
BENGAL	8.7	6.7	6.0	4.7	7.3	6.0	7.3	7.7	6.8
L-93	8.7	6.3	6.7	5.0	8.7	5.0	7.0	7.0	6.8
PENNEAGLE II	8.7	6.0	5.7	4.0	8.0	6.7	7.7	7.7	6.8
INDEPENDENCE	8.7	7.3	6.0	4.7	6.3	6.3	7.0	7.7	6.8
ALPHA	9.0	6.0	5.7	4.0	7.7	5.3	7.0	8.0	6.6
SR 1119	8.7	4.7	6.0	4.7	7.3	5.0	7.3	7.7	6.4
PRINCEVILLE	8.3	4.7	5.0	4.7	7.3	3.7	7.0	7.3	6.0
PENNLINKS II	8.7	3.7	4.0	4.0	8.3	4.0	7.0	7.7	5.9
PENNCROSS	8.3	4.7	3.7	4.7	7.0	2.7	7.0	7.0	5.6
SEASIDE	7.3	3.0	1.0	5.0	7.3	1.0	5.0	6.3	4.5
LSD VALUE	0.8	1.7	1.2	1.3	1.3	0.9	0.6	1.0	0.4
C.V. (%)	5.9	16.8	13.7	18.2	10.6	9.7	5.0	8.3	10.8

TABLE 14C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								
	CA7	MI1	MN1	ND1	NE1	NJ1	QE1	VA1	MEAN
EWTR	8.7	4.3	7.0	4.0	8.7	5.3	7.7	7.3	6.6
IS-AT 7	8.3	3.7	7.0	4.3	8.3	5.3	7.7	8.0	6.6
PST-9NBC	8.0	3.3	7.0	4.0	8.3	6.0	7.3	8.3	6.5
BARDOT	8.7	3.0	6.7	5.7	7.7	5.0	8.0	6.7	6.4
SR 7150	8.3	4.0	6.7	4.3	7.7	4.7	8.0	7.3	6.4
TIGER II	8.3	3.7	7.0	4.3	7.3	5.0	7.7	7.7	6.4
PST-9VN	8.3	3.7	5.7	4.7	8.0	4.7	7.0	7.7	6.2
LSD VALUE	0.9	1.6	1.5	1.0	1.5	1.1	0.9	1.6	0.5
C.V. (%)	6.4	26.6	13.8	13.8	11.6	13.4	7.6	13.2	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.

TABLE 15A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	ND1	MEAN
SR 1119	94.7	94.7	94.7
IS-AP 14	97.0	91.3	94.2
CRYSTAL BLUELINKS (PST-OEB)	97.7	90.0	93.8
LS-44	98.7	88.3	93.5
SHARK (23R)	98.3	88.3	93.3
PENNCROSS	96.0	90.0	93.0
L-93	97.0	88.3	92.7
PRINCEVILLE	97.0	88.3	92.7
SR 1150 (SRX 1PDH)	98.3	86.7	92.5
SEASIDE	86.7	95.0	90.8
INDEPENDENCE	98.3	83.3	90.8
DECLARATION	97.3	83.3	90.3
BARDOT	86.7	93.3	90.0
BENGAL	95.7	83.3	89.5
ALPHA	97.3	80.0	88.7
PST-9NBC	85.0	91.3	88.2
MACKENZIE (SRX 1GPD)	99.0	76.7	87.8
KINGPIN (9200)	98.3	75.0	86.7
T-1	97.7	75.0	86.3
IS-AT 7	89.0	83.3	86.2
PENNEAGLE II	98.7	73.3	86.0
TIGER II	86.7	85.0	85.8
13-M	98.7	71.7	85.2
SR 7150	85.7	83.3	84.5
PST-9VN	73.3	91.3	82.3
PENNLINKS II	86.7	76.7	81.7
AUTHORITY (235050)	96.3	66.7	81.5
EWTR	90.0	70.0	80.0
LSD VALUE	7.4	25.6	13.3
C.V. (%)	4.9	19.0	13.2

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

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

TABLE 15B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	ND1	MEAN
SR 1119	94.7	94.7	94.7
IS-AP 14	97.0	91.3	94.2
CRYSTAL BLUELINKS (PST-OEB)	97.7	90.0	93.8
LS-44	98.7	88.3	93.5
SHARK (23R)	98.3	88.3	93.3
PENNCROSS	96.0	90.0	93.0
L-93	97.0	88.3	92.7
PRINCEVILLE	97.0	88.3	92.7
SR 1150 (SRX 1PDH)	98.3	86.7	92.5
SEASIDE	86.7	95.0	90.8
INDEPENDENCE	98.3	83.3	90.8
DECLARATION	97.3	83.3	90.3
BENGAL	95.7	83.3	89.5
ALPHA	97.3	80.0	88.7
MACKENZIE (SRX 1GPD)	99.0	76.7	87.8
KINGPIN (9200)	98.3	75.0	86.7
T-1	97.7	75.0	86.3
PENNEAGLE II	98.7	73.3	86.0
13-M	98.7	71.7	85.2
PENNLINKS II	86.7	76.7	81.7
AUTHORITY (235050)	96.3	66.7	81.5
LSD VALUE	4.9	25.2	12.8
C.V. (%)	3.1	18.8	12.6

TABLE 15C PERCENT LIVING GROUND COVER (SPRING) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	MI1	ND1	MEAN
BARDOT	86.7	93.3	90.0
PST-9NBC	85.0	91.3	88.2
IS-AT 7	89.0	83.3	86.2
TIGER II	86.7	85.0	85.8
SR 7150	85.7	83.3	84.5
PST-9VN	73.3	91.3	82.3
EWTR	90.0	70.0	80.0
LSD VALUE	12.1	26.9	14.7
C.V. (%)	8.8	19.6	15.2

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

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

TABLE 16A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	ND1	OK1	MEAN
PRINCEVILLE	90.7	95.7	93.2
L-93	91.7	91.7	91.7
SEASIDE	98.0	85.0	91.5
IS-AP 14	92.0	90.0	91.0
CRYSTAL BLUELINKS (PST-OEB)	89.0	92.3	90.7
PENNCROSS	90.3	89.0	89.7
SR 1119	95.3	83.3	89.3
BARDOT	97.3	80.0	88.7
SR 7150	86.7	90.0	88.3
LS-44	93.3	78.3	85.8
PST-9NBC	90.7	80.0	85.3
13-M	74.7	93.3	84.0
KINGPIN (9200)	76.7	90.0	83.3
DECLARATION	84.3	81.0	82.7
ALPHA	78.3	85.0	81.7
SR 1150 (SRX 1PDH)	90.0	73.3	81.7
INDEPENDENCE	84.0	78.3	81.2
PENNEAGLE II	69.3	91.0	80.2
PST-9VN	90.0	70.0	80.0
SHARK (23R)	89.3	70.0	79.7
IS-AT 7	81.3	76.7	79.0
PENNLINKS II	79.3	78.3	78.8
TIGER II	83.3	71.7	77.5
BENGAL	84.3	70.0	77.2
MACKENZIE (SRX 1GPD)	71.7	81.7	76.7
AUTHORITY (235050)	65.7	78.3	72.0
EWTR	70.7	73.3	72.0
T-1	75.0	58.3	66.7
LSD VALUE	24.4	18.1	15.2
C.V. (%)	18.0	13.8	16.1

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

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

TABLE 16B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	ND1	OK1	MEAN
PRINCEVILLE	90.7	95.7	93.2
L-93	91.7	91.7	91.7
SEASIDE	98.0	85.0	91.5
IS-AP 14	92.0	90.0	91.0
CRYSTAL BLUELINKS (PST-OEB)	89.0	92.3	90.7
PENNCROSS	90.3	89.0	89.7
SR 1119	95.3	83.3	89.3
LS-44	93.3	78.3	85.8
13-M	74.7	93.3	84.0
KINGPIN (9200)	76.7	90.0	83.3
DECLARATION	84.3	81.0	82.7
ALPHA	78.3	85.0	81.7
SR 1150 (SRX 1PDH)	90.0	73.3	81.7
INDEPENDENCE	84.0	78.3	81.2
PENNEAGLE II	69.3	91.0	80.2
SHARK (23R)	89.3	70.0	79.7
PENNLINKS II	79.3	78.3	78.8
BENGAL	84.3	70.0	77.2
MACKENZIE (SRX 1GPD)	71.7	81.7	76.7
AUTHORITY (235050)	65.7	78.3	72.0
T-1	75.0	58.3	66.7
LSD VALUE	24.8	18.4	15.4
C.V. (%)	18.4	13.8	16.3

TABLE 16C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	ND1	OK1	MEAN
BARDOT	97.3	80.0	88.7
SR 7150	86.7	90.0	88.3
PST-9NBC	90.7	80.0	85.3
PST-9VN	90.0	70.0	80.0
IS-AT 7	81.3	76.7	79.0
TIGER II	83.3	71.7	77.5
EWTR	70.7	73.3	72.0
LSD VALUE	23.1	17.2	14.4
C.V. (%)	16.8	13.8	15.5

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

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

TABLE 17A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MI1	ND1	MEAN
IS-AP 14	97.7	94.7	96.2
SHARK (23R)	98.0	93.0	95.5
CRYSTAL BLUELINKS (PST-OEB)	95.7	94.7	95.2
LS-44	94.3	96.0	95.2
DECLARATION	98.0	91.7	94.8
SR 1119	93.3	96.3	94.8
L-93	95.0	93.0	94.0
SR 1150 (SRX 1PDH)	95.0	93.0	94.0
BENGAL	96.7	88.0	92.3
INDEPENDENCE	95.3	89.3	92.3
13-M	98.0	82.7	90.3
KINGPIN (9200)	95.0	84.7	89.8
PENNLINKS II	90.0	88.0	89.0
MACKENZIE (SRX 1GPD)	98.0	78.3	88.2
T-1	92.7	83.3	88.0
PENNEAGLE II	95.7	79.7	87.7
PRINCEVILLE	80.0	94.7	87.3
AUTHORITY (235050)	98.0	75.0	86.5
PENNCROSS	76.7	93.3	85.0
ALPHA	84.7	83.3	84.0
PST-9NBC	63.3	94.7	79.0
SEASIDE	58.3	99.0	78.7
TIGER II	56.7	90.0	73.3
IS-AT 7	58.3	85.0	71.7
SR 7150	46.7	93.0	69.8
PST-9VN	41.7	93.0	67.3
BARDOT	35.0	99.0	67.0
EWTR	43.3	78.3	60.8
LSD VALUE	22.5	18.6	14.6
C.V. (%)	17.2	13.0	15.1

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 17B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MI1	ND1	MEAN
IS-AP 14	97.7	94.7	96.2
SHARK (23R)	98.0	93.0	95.5
CRYSTAL BLUELINKS (PST-OEB)	95.7	94.7	95.2
LS-44	94.3	96.0	95.2
DECLARATION	98.0	91.7	94.8
SR 1119	93.3	96.3	94.8
L-93	95.0	93.0	94.0
SR 1150 (SRX 1PDH)	95.0	93.0	94.0
BENGAL	96.7	88.0	92.3
INDEPENDENCE	95.3	89.3	92.3
13-M	98.0	82.7	90.3
KINGPIN (9200)	95.0	84.7	89.8
PENNLINKS II	90.0	88.0	89.0
MACKENZIE (SRX 1GPD)	98.0	78.3	88.2
T-1	92.7	83.3	88.0
PENNEAGLE II	95.7	79.7	87.7
PRINCEVILLE	80.0	94.7	87.3
AUTHORITY (235050)	98.0	75.0	86.5
PENNCROSS	76.7	93.3	85.0
ALPHA	84.7	83.3	84.0
SEASIDE	58.3	99.0	78.7
LSD VALUE	17.6	18.7	12.8
C.V. (%)	11.9	13.0	12.5

TABLE 17C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	MI1	ND1	MEAN
PST-9NBC	63.3	94.7	79.0
TIGER II	56.7	90.0	73.3
IS-AT 7	58.3	85.0	71.7
SR 7150	46.7	93.0	69.8
PST-9VN	41.7	93.0	67.3
BARDOT	35.0	99.0	67.0
EWTR	43.3	78.3	60.8
LSD VALUE	33.2	18.6	19.0
C.V. (%)	41.8	12.8	23.9

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

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

TABLE 18A. TYPHULA BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	ND1
BENGAL	4.7
LS-44	4.7
PENNEAGLE II	4.7
ALPHA	4.3
AUTHORITY (235050)	4.3
DECLARATION	4.3
SHARK (23R)	4.3
SR 1150 (SRX 1PDH)	4.3
IS-AP 14	4.0
PENNLINKS II	4.0
PST-9VN	4.0
SEASIDE	4.0
KINGPIN (9200)	3.7
13-M	3.3
CRYSTAL BLUELINKS (PST-OEB)	3.3
PENNCROSS	3.3
SR 1119	3.3
T-1	3.3
EWTR	3.0
IS-AT 7	3.0
MACKENZIE (SRX 1GPD)	3.0
PST-9NBC	3.0
TIGER II	3.0
INDEPENDENCE	2.7
L-93	2.7
PRINCEVILLE	2.7
SR 7150	2.7
BARDOT	2.3
LSD VALUE	1.8
C.V. (%)	31.0

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 18B. TYPHULA BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	ND1
BENGAL	4.7
LS-44	4.7
PENNEAGLE II	4.7
ALPHA	4.3
AUTHORITY (235050)	4.3
DECLARATION	4.3
SHARK (23R)	4.3
SR 1150 (SRX 1PDH)	4.3
IS-AP 14	4.0
PENNLINKS II	4.0
SEASIDE	4.0
KINGPIN (9200)	3.7
13-M	3.3
CRYSTAL BLUELINKS (PST-OEB)	3.3
PENNCROSS	3.3
SR 1119	3.3
T-1	3.3
MACKENZIE (SRX 1GPD)	3.0
INDEPENDENCE	2.7
L-93	2.7
PRINCEVILLE	2.7
LSD VALUE	1.8
C.V. (%)	29.4

TABLE 18C. TYPHULA BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	ND1
PST-9VN	4.0
EWTR	3.0
IS-AT 7	3.0
PST-9NBC	3.0
TIGER II	3.0
SR 7150	2.7
BARDOT	2.3
LSD VALUE	1.8
C.V. (%)	37.1

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

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

TABLE 19A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IN1	MA1	NJ1	PA1	VA1	MEAN
EWTR	8.3	8.0	9.0	7.0	9.0	8.3
TIGER II	8.3	7.7	9.0	7.7	8.7	8.3
PST-9NBC	8.0	7.0	9.0	8.0	8.7	8.1
IS-AT 7	7.7	7.7	9.0	7.3	8.3	8.0
BARDOT	7.7	7.3	9.0	7.7	8.0	7.9
DECLARATION	8.7	6.7	8.3	7.3	8.0	7.8
SR 7150	8.3	7.0	9.0	7.0	7.3	7.7
PENNLINKS II	8.3	5.7	8.3	8.3	7.7	7.7
PST-9VN	8.0	6.7	9.0	5.7	8.3	7.5
KINGPIN (9200)	8.0	6.3	7.7	7.7	7.7	7.5
13-M	7.7	7.3	6.3	7.7	7.0	7.2
SEASIDE	8.0	6.0	8.0	6.7	7.0	7.1
CRYSTAL BLUELINKS (PST-OEB)	7.7	5.7	6.7	5.7	8.0	6.7
L-93	7.7	6.0	6.0	7.0	7.0	6.7
LS-44	6.0	5.7	5.3	8.7	8.0	6.7
AUTHORITY (235050)	7.3	5.7	7.3	6.3	6.3	6.6
MACKENZIE (SRX 1GPD)	7.3	6.0	5.3	6.7	6.0	6.3
PENNEAGLE II	5.7	4.3	6.3	7.3	7.3	6.2
SR 1150 (SRX 1PDH)	6.0	5.7	4.7	6.7	7.3	6.1
PRINCEVILLE	6.0	4.3	5.0	8.0	6.7	6.0
IS-AP 14	6.7	4.3	4.0	7.7	6.7	5.9
SHARK (23R)	4.7	5.3	5.3	6.7	7.0	5.8
ALPHA	6.0	5.3	3.3	7.7	5.7	5.6
PENNCROSS	6.3	5.3	3.0	7.0	6.0	5.5
BENGAL	5.7	5.3	3.7	7.0	5.3	5.4
SR 1119	4.7	5.0	3.7	6.3	7.0	5.3
T-1	6.0	4.7	3.7	6.3	5.0	5.1
INDEPENDENCE	4.7	5.7	2.3	7.3	5.3	5.1
LSD VALUE	2.3	1.1	1.8	2.6	2.3	0.9
C.V. (%)	20.2	11.8	17.2	22.6	19.9	19.2

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

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

TABLE 19B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IN1	MA1	NJ1	PA1	VA1	MEAN
DECLARATION	8.7	6.7	8.3	7.3	8.0	7.8
PENNLINKS II	8.3	5.7	8.3	8.3	7.7	7.7
KINGPIN (9200)	8.0	6.3	7.7	7.7	7.7	7.5
13-M	7.7	7.3	6.3	7.7	7.0	7.2
SEASIDE	8.0	6.0	8.0	6.7	7.0	7.1
CRYSTAL BLUELINKS (PST-OEB)	7.7	5.7	6.7	5.7	8.0	6.7
L-93	7.7	6.0	6.0	7.0	7.0	6.7
LS-44	6.0	5.7	5.3	8.7	8.0	6.7
AUTHORITY (235050)	7.3	5.7	7.3	6.3	6.3	6.6
MACKENZIE (SRX 1GPD)	7.3	6.0	5.3	6.7	6.0	6.3
PENNEAGLE II	5.7	4.3	6.3	7.3	7.3	6.2
SR 1150 (SRX 1PDH)	6.0	5.7	4.7	6.7	7.3	6.1
PRINCEVILLE	6.0	4.3	5.0	8.0	6.7	6.0
IS-AP 14	6.7	4.3	4.0	7.7	6.7	5.9
SHARK (23R)	4.7	5.3	5.3	6.7	7.0	5.8
ALPHA	6.0	5.3	3.3	7.7	5.7	5.6
PENNCROSS	6.3	5.3	3.0	7.0	6.0	5.5
BENGAL	5.7	5.3	3.7	7.0	5.3	5.4
SR 1119	4.7	5.0	3.7	6.3	7.0	5.3
T-1	6.0	4.7	3.7	6.3	5.0	5.1
INDEPENDENCE	4.7	5.7	2.3	7.3	5.3	5.1
LSD VALUE	2.5	1.2	2.0	2.6	2.3	1.0
C.V. (%)	23.5	13.5	23.1	23.0	21.2	21.7

TABLE 19C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IN1	MA1	NJ1	PA1	VA1	MEAN
EWTR	8.3	8.0	9	7.0	9.0	8.3
TIGER II	8.3	7.7	9	7.7	8.7	8.3
PST-9NBC	8.0	7.0	9	8.0	8.7	8.1
IS-AT 7	7.7	7.7	9	7.3	8.3	8.0
BARDOT	7.7	7.3	9	7.7	8.0	7.9
SR 7150	8.3	7.0	9	7.0	7.3	7.7
PST-9VN	8.0	6.7	9	5.7	8.3	7.5
LSD VALUE	1.3	0.9	0	2.5	2.2	0.7
C.V. (%)	10.1	7.9	0	21.2	16.8	12.9

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

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

TABLE 20A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/				
NAME	NJ1	VA1	MEAN	
SHARK (23R)	8.3	8.7	8.5	
CRYSTAL BLUELINKS (PST-OEB)	7.3	8.7	8.0	
AUTHORITY (235050)	7.3	8.3	7.8	
ALPHA	7.7	7.7	7.7	
BENGAL	7.3	8.0	7.7	
INDEPENDENCE	7.3	8.0	7.7	
MACKENZIE (SRX 1GPD)	9.0	6.3	7.7	
IS-AP 14	8.0	7.0	7.5	
13-M	6.3	8.3	7.3	
T-1	7.0	7.7	7.3	
LS-44	7.3	7.3	7.3	
PENNEAGLE II	7.3	7.0	7.2	
KINGPIN (9200)	6.0	8.0	7.0	
PST-9NBC	5.0	9.0	7.0	
SR 1150 (SRX 1PDH)	6.7	7.0	6.8	
PRINCEVILLE	5.0	8.3	6.7	
DECLARATION	7.0	6.3	6.7	
IS-AT 7	4.3	8.7	6.5	
L-93	5.7	7.3	6.5	
SR 1119	6.0	7.0	6.5	
PST-9VN	4.7	8.0	6.3	
PENNCROSS	5.0	7.3	6.2	
EWTR	3.3	8.7	6.0	
PENNLINKS II	5.0	6.7	5.8	
TIGER II	3.3	8.0	5.7	
SEASIDE	2.7	8.3	5.5	
SR 7150	2.0	9.0	5.5	
BARDOT	2.7	7.3	5.0	
LSD VALUE	1.2	2.0	1.2	
C.V. (%)	12.3	16.2	15.1	

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 20B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	NJ1	VA1	MEAN
SHARK (23R)	8.3	8.7	8.5
CRYSTAL BLUELINKS (PST-OEB)	7.3	8.7	8.0
AUTHORITY (235050)	7.3	8.3	7.8
ALPHA	7.7	7.7	7.7
BENGAL	7.3	8.0	7.7
INDEPENDENCE	7.3	8.0	7.7
MACKENZIE (SRX 1GPD)	9.0	6.3	7.7
IS-AP 14	8.0	7.0	7.5
13-M	6.3	8.3	7.3
T-1	7.0	7.7	7.3
LS-44	7.3	7.3	7.3
PENNEAGLE II	7.3	7.0	7.2
KINGPIN (9200)	6.0	8.0	7.0
SR 1150 (SRX 1PDH)	6.7	7.0	6.8
PRINCEVILLE	5.0	8.3	6.7
DECLARATION	7.0	6.3	6.7
L-93	5.7	7.3	6.5
SR 1119	6.0	7.0	6.5
PENNCROSS	5.0	7.3	6.2
PENNLINKS II	5.0	6.7	5.8
SEASIDE	2.7	8.3	5.5
LSD VALUE	1.1	2.2	1.2
C.V. (%)	10.4	17.9	15.1

TABLE 20C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	NJ1	VA1	MEAN
PST-9NBC	5.0	9.0	7.0
IS-AT 7	4.3	8.7	6.5
PST-9VN	4.7	8.0	6.3
EWTR	3.3	8.7	6.0
TIGER II	3.3	8.0	5.7
SR 7150	2.0	9.0	5.5
BARDOT	2.7	7.3	5.0
LSD VALUE	1.3	1.5	1.0
C.V. (%)	22.6	11.0	14.5

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

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

TABLE 21A. PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IA1
KINGPIN (9200)	8.0
SR 1150 (SRX 1PDH)	8.0
ALPHA	7.7
DECLARATION	7.3
IS-AP 14	7.3
T-1	7.0
INDEPENDENCE	6.7
CRYSTAL BLUELINKS (PST-OEB)	6.3
EWTR	6.0
PENNEAGLE II	6.0
SHARK (23R)	6.0
PST-9NBC	5.7
PST-9VN	5.7
BARDOT	5.3
MACKENZIE (SRX 1GPD)	5.3
SR 1119	5.0
AUTHORITY (235050)	4.7
TIGER II	4.7
IS-AT 7	3.7
L-93	3.3
13-M	3.0
PRINCEVILLE	3.0
BENGAL	2.7
LS-44	2.0
SR 7150	2.0
PENNLINKS II	1.7
SEASIDE	1.7
PENNCROSS	1.3
LSD VALUE	2.4
C.V. (%)	30.3

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

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

TABLE 21B. PINK SNOW MOLD RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IA1
KINGPIN (9200)	8.0
SR 1150 (SRX 1PDH)	8.0
ALPHA	7.7
DECLARATION	7.3
IS-AP 14	7.3
T-1	7.0
INDEPENDENCE	6.7
CRYSTAL BLUELINKS (PST-OEB)	6.3
PENNEAGLE II	6.0
SHARK (23R)	6.0
MACKENZIE (SRX 1GPD)	5.3
SR 1119	5.0
AUTHORITY (235050)	4.7
L-93	3.3
13-M	3.0
PRINCEVILLE	3.0
BENGAL	2.7
LS-44	2.0
PENNLINKS II	1.7
SEASIDE	1.7
PENNCROSS	1.3
LSD VALUE	2.2
C.V. (%)	28.2

TABLE 21C. PINK SNOW MOLD RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IA1
EWTR	6.0
PST-9NBC	5.7
PST-9VN	5.7
BARDOT	5.3
TIGER II	4.7
IS-AT 7	3.7
SR 7150	2.0
LSD VALUE	2.8
C.V. (%)	36.4

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 22A. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	VA1
BENGAL	8.3
PENNCROSS	8.3
SR 1119	8.3
13-M	8.0
ALPHA	8.0
KINGPIN (9200)	8.0
L-93	8.0
LS-44	8.0
PENNLINKS II	8.0
T-1	8.0
AUTHORITY (235050)	7.7
DECLARATION	7.7
INDEPENDENCE	7.7
MACKENZIE (SRX 1GPD)	7.7
PENNEAGLE II	7.7
SHARK (23R)	7.7
SR 1150 (SRX 1PDH)	7.7
CRYSTAL BLUELINKS (PST-OEB)	7.3
IS-AP 14	7.3
PRINCEVILLE	7.0
PST-9NBC	7.0
PST-9VN	7.0
EWTR	6.7
IS-AT 7	6.7
SR 7150	6.7
TIGER II	6.7
SEASIDE	6.3
BARDOT	6.0
LSD VALUE	1.1
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.

TABLE 22B. FALL COLOR (OCTOBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	VA1
BENGAL	8.3
PENNCROSS	8.3
SR 1119	8.3
13-M	8.0
ALPHA	8.0
KINGPIN (9200)	8.0
L-93	8.0
LS-44	8.0
PENNLINKS II	8.0
T-1	8.0
AUTHORITY (235050)	7.7
DECLARATION	7.7
INDEPENDENCE	7.7
MACKENZIE (SRX 1GPD)	7.7
PENNEAGLE II	7.7
SHARK (23R)	7.7
SR 1150 (SRX 1PDH)	7.7
CRYSTAL BLUELINKS (PST-OEB)	7.3
IS-AP 14	7.3
PRINCEVILLE	7.0
SEASIDE	6.3
LSD VALUE	1.2
C.V. (%)	9.5

TABLE 22C. FALL COLOR (OCTOBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	VA1
PST-9NBC	7.0
PST-9VN	7.0
EWTR	6.7
IS-AT 7	6.7
SR 7150	6.7
TIGER II	6.7
BARDOT	6.0
LSD VALUE	0.7
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 23A. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	ND1
L-93	5.0
PST-9NBC	5.0
EWTR	4.7
PST-9VN	4.7
TIGER II	4.7
BARDOT	4.3
IS-AT 7	4.3
LS-44	4.3
PENNCROSS	4.3
PENNEAGLE II	4.3
SEASIDE	4.3
BENGAL	4.0
INDEPENDENCE	4.0
IS-AP 14	4.0
KINGPIN (9200)	4.0
PENNLINKS II	4.0
PRINCEVILLE	4.0
SR 7150	4.0
13-M	3.7
ALPHA	3.7
AUTHORITY (235050)	3.7
DECLARATION	3.7
MACKENZIE (SRX 1GPD)	3.7
SHARK (23R)	3.7
T-1	3.7
CRYSTAL BLUELINKS (PST-0EB)	3.3
SR 1119	3.3
SR 1150 (SRX 1PDH)	3.3
LSD VALUE	1.4
C.V. (%)	21.0

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

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

TABLE 23B. FALL COLOR (NOVEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	ND1
L-93	5.0
LS-44	4.3
PENNCROSS	4.3
PENNEAGLE II	4.3
SEASIDE	4.3
BENGAL	4.0
INDEPENDENCE	4.0
IS-AP 14	4.0
KINGPIN (9200)	4.0
PENNLINKS II	4.0
PRINCEVILLE	4.0
13-M	3.7
ALPHA	3.7
AUTHORITY (235050)	3.7
DECLARATION	3.7
MACKENZIE (SRX 1GPD)	3.7
SHARK (23R)	3.7
T-1	3.7
CRYSTAL BLUELINKS (PST-OEB)	3.3
SR 1119	3.3
SR 1150 (SRX 1PDH)	3.3
LSD VALUE	1.4
C.V. (%)	22.8

TABLE 23C. FALL COLOR (NOVEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	ND1
PST-9NBC	5.0
EWTR	4.7
PST-9VN	4.7
TIGER II	4.7
BARDOT	4.3
IS-AT 7	4.3
SR 7150	4.0
LSD VALUE	1.2
C.V. (%)	16.0

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

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

TABLE 24A. POA ANNUA RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IN1	PA1	MEAN
SHARK (23R)	9.0	8.0	8.5
INDEPENDENCE	8.3	7.7	8.0
IS-AP 14	8.0	7.7	7.8
SR 1150 (SRX 1PDH)	7.7	7.7	7.7
DECLARATION	7.7	7.3	7.5
PENNEAGLE II	8.0	6.7	7.3
T-1	8.3	6.3	7.3
AUTHORITY (235050)	7.3	7.3	7.3
KINGPIN (9200)	7.7	6.7	7.2
13-M	8.0	6.0	7.0
LS-44	7.0	6.7	6.8
MACKENZIE (SRX 1GPD)	6.7	7.0	6.8
ALPHA	7.0	6.3	6.7
CRYSTAL BLUELINKS (PST-OEB)	7.0	6.3	6.7
L-93	7.3	6.0	6.7
BENGAL	5.3	6.0	5.7
SR 1119	5.7	5.3	5.5
PRINCEVILLE	6.0	4.7	5.3
PENNLINKS II	5.3	4.7	5.0
PENNCROSS	4.7	5.0	4.8
SR 7150	4.0	4.7	4.3
IS-AT 7	3.3	5.3	4.3
TIGER II	3.3	5.0	4.2
BARDOT	4.3	4.0	4.2
EWTR	3.0	4.7	3.8
PST-9NBC	2.7	4.7	3.7
SEASIDE	2.3	3.3	2.8
PST-9VN	2.0	3.7	2.8
LSD VALUE	2.1	0.8	1.1
C.V. (%)	21.4	8.9	16.5

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 24B. POA ANNUA RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IN1	PA1	MEAN
SHARK (23R)	9.0	8.0	8.5
INDEPENDENCE	8.3	7.7	8.0
IS-AP 14	8.0	7.7	7.8
SR 1150 (SRX 1PDH)	7.7	7.7	7.7
DECLARATION	7.7	7.3	7.5
PENNEAGLE II	8.0	6.7	7.3
T-1	8.3	6.3	7.3
AUTHORITY (235050)	7.3	7.3	7.3
KINGPIN (9200)	7.7	6.7	7.2
13-M	8.0	6.0	7.0
LS-44	7.0	6.7	6.8
MACKENZIE (SRX 1GPD)	6.7	7.0	6.8
ALPHA	7.0	6.3	6.7
CRYSTAL BLUELINKS (PST-OEB)	7.0	6.3	6.7
L-93	7.3	6.0	6.7
BENGAL	5.3	6.0	5.7
SR 1119	5.7	5.3	5.5
PRINCEVILLE	6.0	4.7	5.3
PENNLINKS II	5.3	4.7	5.0
PENNCROSS	4.7	5.0	4.8
SEASIDE	2.3	3.3	2.8
LSD VALUE	1.8	0.8	1.0
C.V. (%)	16.6	7.7	13.3

TABLE 24C. POA ANNUA RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

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

NAME	IN1	PA1	MEAN
SR 7150	4.0	4.7	4.3
IS-AT 7	3.3	5.3	4.3
TIGER II	3.3	5.0	4.2
BARDOT	4.3	4.0	4.2
EWTR	3.0	4.7	3.8
PST-9NBC	2.7	4.7	3.7
PST-9VN	2.0	3.7	2.8
LSD VALUE	2.6	1.0	1.4
C.V. (%)	50.0	13.5	31.4

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 25. YELLOW TUFT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2006 DATA

YELLOW TUFT RATINGS 1-9; 9=NO DISEASE 2/

NAME	IL3
SEASIDE	8.7
EWTR	7.0
L-93	7.0
INDEPENDENCE	6.3
IS-AP 14	6.3
ALPHA	6.0
BENGAL	6.0
LS-44	6.0
MACKENZIE (SRX 1GPD)	6.0
PRINCEVILLE	6.0
T-1	6.0
CRYSTAL BLUELINKS (PST-OEB)	5.7
PENNCROSS	5.7
PENNEAGLE II	5.7
PENNLINKS II	5.7
SHARK (23R)	5.7
AUTHORITY (235050)	5.3
SR 1119	5.3
13-M	5.0
SR 1150 (SRX 1PDH)	5.0
DECLARATION	4.7
KINGPIN (9200)	4.7
LSD VALUE	2.2
C.V. (%)	22.5

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

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

TABLE 26A. DOLLAR SPOT (JUNE) RATINGS OF BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2006 DATA

NAME	KY1
IS-AP 14	26.0
IS-AT 7	21.7
INDEPENDENCE	20.0
SHARK (23R)	20.0
MACKENZIE (SRX 1GPD)	19.0
PENNCROSS	16.3
SR 1150 (SRX 1PDH)	15.7
PENNEAGLE II	15.0
TIGER II	14.3
SR 1119	13.7
EWTR	13.3
BENGAL	13.0
BARDOT	12.7
PST-9VN	12.3
SR 7150	11.7
CRYSTAL BLUELINKS (PST-OEB)	11.3
LS-44	11.3
PENNLINKS II	10.0
PST-9NBC	9.0
T-1	9.0
AUTHORITY (235050)	8.3
ALPHA	7.0
KINGPIN (9200)	7.0
PRINCEVILLE	6.7
SEASIDE	6.3
L-93	4.0
13-M	3.0
DECLARATION	1.0
LSD VALUE	15.0
C.V. (%)	77.1

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 26B. DOLLAR SPOT (JUNE) RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2006 DATA

NAME	KY1
IS-AP 14	26.0
INDEPENDENCE	20.0
SHARK (23R)	20.0
MACKENZIE (SRX 1GPD)	19.0
PENNCROSS	16.3
SR 1150 (SRX 1PDH)	15.7
PENNEAGLE II	15.0
SR 1119	13.7
BENGAL	13.0
CRYSTAL BLUELINKS (PST-0EB)	11.3
LS-44	11.3
PENNLINKS II	10.0
T-1	9.0
AUTHORITY (235050)	8.3
ALPHA	7.0
KINGPIN (9200)	7.0
PRINCEVILLE	6.7
SEASIDE	6.3
L-93	4.0
13-M	3.0
DECLARATION	1.0
LSD VALUE	13.2
C.V. (%)	70.8

TABLE 26C. DOLLAR SPOT (JUNE) RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2006 DATA

NAME	KY1
IS-AT 7	21.7
TIGER II	14.3
EWTR	13.3
BARDOT	12.7
PST-9VN	12.3
SR 7150	11.7
PST-9NBC	9.0
LSD VALUE	19.4
C.V. (%)	88.9

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 27A. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT ST. PAUL, MN 1/
2006 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
DECLARATION	8.7	9.0	9.0	8.9
13-M	8.3	9.0	8.7	8.7
L-93	6.3	9.0	8.3	7.9
EWTR	7.0	8.7	7.3	7.7
AUTHORITY (235050)	7.3	8.0	7.0	7.4
IS-AT 7	5.0	9.0	8.0	7.3
KINGPIN (9200)	7.0	7.7	7.3	7.3
PST-9VN	6.7	8.3	6.7	7.2
SR 7150	5.7	8.3	7.7	7.2
TIGER II	6.0	8.3	7.3	7.2
IS-AP 14	6.3	8.0	6.7	7.0
SR 1119	6.0	8.0	7.0	7.0
BARDOT	5.0	9.0	6.7	6.9
SR 1150 (SRX 1PDH)	7.0	7.0	6.7	6.9
MACKENZIE (SRX 1GPD)	5.7	8.0	6.7	6.8
LS-44	6.3	7.3	6.0	6.6
PST-9NBC	5.7	7.7	6.0	6.4
CRYSTAL BLUELINKS (PST-OEB)	6.0	7.0	6.0	6.3
PENNLINKS II	5.7	6.7	6.0	6.1
SEASIDE	5.7	7.0	5.3	6.0
T-1	5.3	6.7	5.3	5.8
PRINCEVILLE	5.0	7.0	5.0	5.7
PENNCROSS	5.7	6.0	4.7	5.4
SHARK (23R)	4.3	6.0	4.7	5.0
PENNEAGLE II	4.3	4.7	4.3	4.4
ALPHA	4.7	5.0	3.3	4.3
INDEPENDENCE	3.3	4.7	3.7	3.9
BENGAL	3.0	3.0	2.3	2.8
LSD VALUE	3.0	2.4	2.6	2.4
C.V. (%)	25.3	19.1	24.1	20.7

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

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

TABLE 27B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
AT ST. PAUL, MN 1/
2006 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
DECLARATION	8.7	9.0	9.0	8.9
13-M	8.3	9.0	8.7	8.7
L-93	6.3	9.0	8.3	7.9
AUTHORITY (235050)	7.3	8.0	7.0	7.4
KINGPIN (9200)	7.0	7.7	7.3	7.3
IS-AP 14	6.3	8.0	6.7	7.0
SR 1119	6.0	8.0	7.0	7.0
SR 1150 (SRX 1PDH)	7.0	7.0	6.7	6.9
MACKENZIE (SRX 1GPD)	5.7	8.0	6.7	6.8
LS-44	6.3	7.3	6.0	6.6
CRYSTAL BLUELINKS (PST-OEB)	6.0	7.0	6.0	6.3
PENNLINKS II	5.7	6.7	6.0	6.1
SEASIDE	5.7	7.0	5.3	6.0
T-1	5.3	6.7	5.3	5.8
PRINCEVILLE	5.0	7.0	5.0	5.7
PENNCROSS	5.7	6.0	4.7	5.4
SHARK (23R)	4.3	6.0	4.7	5.0
PENNEAGLE II	4.3	4.7	4.3	4.4
ALPHA	4.7	5.0	3.3	4.3
INDEPENDENCE	3.3	4.7	3.7	3.9
BENGAL	3.0	3.0	2.3	2.8
LSD VALUE	2.8	2.8	2.6	2.4
C.V. (%)	25.7	22.2	25.6	22.5

TABLE 27C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
AT ST. PAUL, MN 1/
2006 DATA

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

NAME	JUNE	JULY	AUGUST	MEAN
EWTR	7.0	8.7	7.3	7.7
IS-AT 7	5.0	9.0	8.0	7.3
PST-9VN	6.7	8.3	6.7	7.2
SR 7150	5.7	8.3	7.7	7.2
TIGER II	6.0	8.3	7.3	7.2
BARDOT	5.0	9.0	6.7	6.9
PST-9NBC	5.7	7.7	6.0	6.4
LSD VALUE	3.8	2.4	3.9	3.3
C.V. (%)	25.9	11.1	21.8	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.

TABLE 28. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
AT LEMONT, IL 1/
2006 DATA

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

NAME	AUGUST	SEPTEMBER	OCTOBER	MEAN
DECLARATION	8.3	8.3	8.7	8.4
SEASIDE	8.0	8.7	8.0	8.2
L-93	8.3	8.7	7.0	8.0
PENNLINKS II	8.0	9.0	7.0	8.0
MACKENZIE (SRX 1GPD)	7.3	8.7	7.7	7.9
CRYSTAL BLUELINKS (PST-OEB)	7.7	8.7	7.0	7.8
KINGPIN (9200)	7.7	8.3	6.7	7.6
13-M	8.0	7.7	6.3	7.3
SR 1150 (SRX 1PDH)	8.0	7.7	6.0	7.2
IS-AP 14	6.3	7.0	6.7	6.7
SHARK (23R)	6.3	7.3	6.3	6.7
PENNCROSS	7.0	7.0	5.3	6.4
AUTHORITY (235050)	7.7	6.0	5.3	6.3
PRINCEVILLE	8.0	6.3	4.7	6.3
ALPHA	6.3	6.3	6.0	6.2
INDEPENDENCE	6.3	7.3	5.0	6.2
LS-44	7.3	6.7	4.7	6.2
PENNEAGLE II	7.3	6.3	4.7	6.1
T-1	7.0	6.3	4.3	5.9
BENGAL	6.3	6.0	5.0	5.8
SR 1119	5.3	6.0	5.3	5.6
LSD VALUE	2.1	2.8	2.5	1.4
C.V. (%)	13.6	17.4	21.3	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 29. BROWN PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
AT LEMONT, IL 1/
2006 DATA

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

NAME	JULY	AUGUST 4	AUGUST 15	AUGUST 30	MEAN
13-M	9.0	9.0	9.0	8.7	8.9
MACKENZIE (SRX 1GPD)	9.0	9.0	8.3	8.7	8.8
CRYSTAL BLUELINKS (PST-OEB)	8.7	9.0	9.0	7.7	8.6
DECLARATION	8.3	9.0	9.0	7.7	8.5
SR 1119	7.7	9.0	8.7	8.7	8.5
PENNCROSS	7.3	9.0	8.3	9.0	8.4
INDEPENDENCE	7.7	9.0	7.3	9.0	8.3
SHARK (23R)	8.7	8.3	7.7	8.3	8.3
T-1	7.7	7.3	9.0	8.7	8.2
LS-44	8.3	9.0	7.7	7.3	8.1
IS-AP 14	6.7	8.7	7.7	9.0	8.0
BENGAL	7.0	9.0	7.3	8.0	7.8
KINGPIN (9200)	8.3	7.7	7.7	7.7	7.8
L-93	7.3	8.0	8.3	7.7	7.8
PENNEAGLE II	7.3	7.7	8.3	8.0	7.8
ALPHA	6.3	6.0	9.0	9.0	7.6
PRINCEVILLE	6.3	7.7	9.0	7.3	7.6
SR 1150 (SRX 1PDH)	7.7	5.7	6.3	8.7	7.1
AUTHORITY (235050)	7.7	7.3	5.7	6.3	6.8
SEASIDE	8.7	6.0	5.3	7.3	6.8
PENNLINKS II	7.0	6.0	5.7	5.3	6.0
LSD VALUE	3.6	3.8	3.1	2.7	1.8
C.V. (%)	16.8	20.0	18.4	15.2	11.0

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

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

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE */
2006 DATA

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

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
13-M	6.4	57.9
ALPHA	6.0	26.3
AUTHORITY (235050)	6.2	47.4
BARDOT	5.2	21.1
BENGAL	5.9	15.8
CRYSTAL BLUELINKS (PST-OEB)	6.4	47.4
DECLARATION	6.0	21.1
EWTR	5.4	21.1
INDEPENDENCE	5.9	5.3
IS-AP 14	5.9	10.5
IS-AT 7	5.5	15.8
KINGPIN (9200)	6.1	26.3
L-93	6.1	26.3
LS-44	6.3	42.1
MACKENZIE (SRX 1GPD)	6.0	15.8
PENNCROSS	5.5	10.5
PENNEAGLE II	6.3	36.8
PENNLINKS II	5.9	21.1
PRINCEVILLE	5.7	21.1
PST-9NBC	5.5	21.1
PST-9VN	5.2	21.1
SEASIDE	4.2	5.3
SHARK (23R)	6.0	31.6
SR 1119	5.9	26.3
SR 1150 (SRX 1PDH)	6.0	15.8
SR 7150	5.3	15.8
T-1	6.2	42.1
TIGER II	5.3	15.8
LSD VALUE	0.2	
C.V. (%)	8.9	

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

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

1/ MEAN - AN AVERAGE OF ALL THE TURFGRASS QUALITY RATINGS FROM ALL LOCATIONS.

2/ MAXIMUM IN TOP 25% - THE PERCENTAGE OF LOCATIONS WHERE THAT ENTRY FINISHED IN THE TOP 25% OF ALL ENTRIES.