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2003 National Bentgrass (Fairway/Tee) Test - 2004-07 data

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2003 NATIONAL BENTGRASS TEST (Fairway/Tee)

LOCATIONS SUBMITTING DATA FOR 2004-07

<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
Maryland	College Park	MD1
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	Pennncross	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	Greentime (IS-AT 7)	colonial	DLF International Seeds
*17	Runner (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 2008.

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE A.

2004-07 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	241-375	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
MD1	SILT LOAM AND SILT	5.6-6.0	61-150	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
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	6.6-7.0	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+	3.1-4.0	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	SILTY CLAY LOAM	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	241-375	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

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	X
IL1				X	X	X	X	X	X	X			X	X	
IL3				X	X	X	X	X	X	X	X		X	X	
IN1				X	X	X	X	X	X	X	X		X	X	
KS1				X	X	X	X	X	X	X			X		
KY1			X	X	X	X	X	X	X	X			X	X	
MA1			X	X	X	X	X	X	X	X	X	X	X	X	
MD1				X	X	X	X	X	X	X	X				
MI1				X	X	X	X	X	X	X	X		X	X	X
MN1				X	X	X	X	X	X	X			X	X	
ND1					X	X	X	X	X	X	X		X	X	X
NE1				X	X	X	X	X	X	X	X		X	X	
NJ1				X	X	X	X	X	X	X	X		X	X	X
NY1				X	X	X	X	X	X	X	X			X	X
NY2				X	X	X	X	X	X	X	X			X	X
OK1		X	X	X	X	X	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	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			X	X	

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004-07

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE WILTING	TYPHULA BLIGHT	MICRODO- CHIUM PATCH	DOLLAR SPOT	BROWN PATCH WARM TEMP.
CA7		X	X	X	X	X	X							
IA1														
IL1			X											
IL3			X		X			X					X	X
IN1		X					X						X	
KS1													X	
KY1	X		X					X						
MA1	X		X				X						X	X
MD1													X	X
MI1	X	X	X	X	X	X	X						X	
MN1			X	X								X	X	
ND1	X	X	X	X	X	X	X		X	X	X			
NE1		X	X	X										
NJ1				X									X	X
NY1	X													
NY2	X													
OK1	X		X	X	X	X	X	X						
PA1	X	X	X										X	X
QE1	X	X	X	X										
VA1			X	X				X		X			X	X
WA1			X			X								
WA3	X		X					X				X		
WI1					X	X	X						X	

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004-07

LOCATION	PYTHIUM BLIGHT	ANTHRACNOSE RATINGS	FAIRY RING	PINK SNOW MOLD	FIERY SKIPPER LARVAE	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	SEEDHEAD RATINGS	POA ANNUA	MOWING QUALITY	PERCENT ESTABLISH- MENT
CA7					X	X	X	X	X				X
IA1				X									X
IL1													X
IL3													
IN1	X										X		
KS1													
KY1													
MA1		X							X				
MD1			X									X	X
MI1													
MN1		X											
ND1				X		X	X	X			X	X	
NE1													
NJ1								X					X
NY1													
NY2													
OK1													
PA1											X		
QE1													
VA1				X			X						X
WA1				X									X
WA3											X		
WI1													

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2004-07

LOCATION	SCALPING RATINGS	YELLOW TUFT	PERCENT TYPHULA BLIGHT	DOLLAR SPOT RATINGS						BROWN PATCH				PERCENT POA ANNUA
				MAY	JUN	JUL	AUG	SEP	OCT	MAY	JUN	JUL	AUG	
CA7														
IA1														
IL1														
IL3		X		X	X	X	X	X	X			X	X	
IN1														
KS1	X													
KY1					X	X	X							
MA1			X											
MD1														
MI1														
MN1					X	X	X	X						
ND1														
NE1														
NJ1	X													
NY1														
NY2														
* OK1														
PA1	X													
QE1														
VA1										X	X	X	X	
WA1														
WA3														
WI1														X

* MORE PERCENT RECOVERY DATA FROM DIVOT STUDY FOR OK1 IN TABLES 47 AND 48.

Taken from the full 2003 Bentgrass (Fairway/Tee) Test - final report with permission from NTEP
 TABLE 17A. MEAN TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS GROWN ON
 A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
 IN THE NORTHEAST REGION
 2004-07 DATA

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

NAME	MA1	NJ1	NY1	PA1	QE1	MEAN
* CRYSTAL BLUELINKS (PST-OEB)	5.3	5.9	7.2	7.2	6.1	6.3
* SHARK (23R)	4.9	6.2	7.2	7.5	5.9	6.3
13-M	5.3	6.5	6.4	7.3	6.0	6.3
* T-1	5.2	5.8	6.9	7.4	6.2	6.3
* AUTHORITY (235050)	4.9	6.4	6.6	7.6	6.0	6.3
* LS-44	5.1	6.0	7.2	7.0	6.1	6.3
* KINGPIN (9200)	5.2	6.3	6.8	7.2	5.9	6.3
* MACKENZIE (SRX 1GPD)	5.3	6.2	6.8	7.0	5.9	6.2
* DECLARATION	5.1	6.1	6.4	7.6	5.9	6.2
* PENNEAGLE II	5.1	5.8	6.8	7.2	6.0	6.2
* SR 1150 (SRX 1PDH)	4.9	5.6	7.2	7.4	5.8	6.2
* RUNNER (IS-AP 14)	4.8	5.6	6.8	7.1	5.9	6.0
* ALPHA	5.1	5.5	6.6	6.9	6.0	6.0
* INDEPENDENCE	4.8	5.1	6.8	6.9	6.0	5.9
* BENGAL	5.0	5.1	6.7	6.4	6.0	5.8
PST-9NBC	5.1	5.7	6.9	5.0	6.5	5.8
EWTR	5.2	5.1	7.4	4.9	6.5	5.8
* GREENTIME (IS-AT 7)	5.3	5.4	6.9	5.2	6.3	5.8
* L-93	4.9	5.2	6.7	6.4	5.6	5.8
* SR 1119	4.8	5.0	6.7	6.1	6.0	5.7
* PENNLINKS II	4.8	4.9	7.2	5.6	6.1	5.7
* TIGER II	5.1	5.0	6.5	5.1	6.2	5.6
PST-9VN	4.8	5.2	7.3	4.3	6.2	5.6
* BARDOT	5.2	4.8	7.0	4.5	6.4	5.6
* SR 7150	4.9	4.6	6.8	4.4	6.3	5.4
* PRINCEVILLE	4.6	4.4	6.9	5.0	5.8	5.3
* PENNCROSS	4.7	3.5	6.9	5.0	5.9	5.2
* SEASIDE	3.6	1.6	6.8	2.5	4.9	3.9
LSD VALUE	0.5	0.8	0.4	0.8	0.4	0.3
C.V. (%)	6.4	9.8	3.8	7.9	4.1	6.6

* COMMERCIALY AVAILABLE IN THE USA IN 2008.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN 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
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
 IN THE NORTHEAST REGION
 2004-07 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	QE1	MEAN
CRYSTAL BLUELINKS (PST-0EB)	5.3	5.9	7.2	7.2	6.1	6.3
SHARK (23R)	4.9	6.2	7.2	7.5	5.9	6.3
13-M	5.3	6.5	6.4	7.3	6.0	6.3
T-1	5.2	5.8	6.9	7.4	6.2	6.3
AUTHORITY (235050)	4.9	6.4	6.6	7.6	6.0	6.3
LS-44	5.1	6.0	7.2	7.0	6.1	6.3
KINGPIN (9200)	5.2	6.3	6.8	7.2	5.9	6.3
MACKENZIE (SRX 1GPD)	5.3	6.2	6.8	7.0	5.9	6.2
DECLARATION	5.1	6.1	6.4	7.6	5.9	6.2
PENNEAGLE II	5.1	5.8	6.8	7.2	6.0	6.2
SR 1150 (SRX 1PDH)	4.9	5.6	7.2	7.4	5.8	6.2
RUNNER (IS-AP 14)	4.8	5.6	6.8	7.1	5.9	6.0
ALPHA	5.1	5.5	6.6	6.9	6.0	6.0
INDEPENDENCE	4.8	5.1	6.8	6.9	6.0	5.9
BENGAL	5.0	5.1	6.7	6.4	6.0	5.8
L-93	4.9	5.2	6.7	6.4	5.6	5.8
SR 1119	4.8	5.0	6.7	6.1	6.0	5.7
PENNLINKS II	4.8	4.9	7.2	5.6	6.1	5.7
PRINCEVILLE	4.6	4.4	6.9	5.0	5.8	5.3
PENNCROSS	4.7	3.5	6.9	5.0	5.9	5.2
SEASIDE	3.6	1.6	6.8	2.5	4.9	3.9
LSD VALUE	0.5	0.8	0.4	0.6	0.3	0.3
C.V. (%)	6.9	9.5	3.7	6.1	3.8	6.2

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
 A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
 IN THE NORTHEAST REGION
 2004-07 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	MA1	NJ1	NY1	PA1	QE1	MEAN
PST-9NBC	5.1	5.7	6.9	5.0	6.5	5.8
EWTR	5.2	5.1	7.4	4.9	6.5	5.8
GREENTIME (IS-AT 7)	5.3	5.4	6.9	5.2	6.3	5.8
TIGER II	5.1	5.0	6.5	5.1	6.2	5.6
PST-9VN	4.8	5.2	7.3	4.3	6.2	5.6
BARDOT	5.2	4.8	7.0	4.5	6.4	5.6
SR 7150	4.9	4.6	6.8	4.4	6.3	5.4
LSD VALUE	0.4	0.9	0.4	1.0	0.5	0.3
C.V. (%)	4.8	10.4	3.9	16.4	4.8	7.8

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

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

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 TABLE 2A: MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
 A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
 IN THE TRANSITION REGION
 2004-07 DATA

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

NAME	KS1	KY1	MD1	OK1	VA1	MEAN
13-M	5.9	6.9	7.1	6.9	6.3	6.6
CRYSTAL BLUELINKS (PST-OEB)	5.7	6.7	6.7	6.9	6.1	6.4
L-93	5.6	6.5	6.9	7.0	6.1	6.4
PENNEAGLE II	5.7	6.6	6.5	7.0	5.8	6.3
LS-44	5.6	6.7	6.7	6.9	5.8	6.3
ALPHA	5.6	6.1	6.7	6.9	6.2	6.3
T-1	5.5	6.6	6.9	6.3	6.2	6.3
PENNLINKS II	5.7	6.7	6.3	6.4	6.2	6.3
KINGPIN (9200)	5.4	6.5	6.5	6.9	5.8	6.2
SR 1119	5.7	6.3	6.5	6.4	5.8	6.1
SHARK (23R)	5.3	6.2	6.5	6.7	5.9	6.1
AUTHORITY (235050)	5.2	6.3	6.6	6.4	6.2	6.1
SR 1150 (SRX 1PDH)	5.4	6.3	6.5	6.4	6.0	6.1
DECLARATION	5.2	6.0	7.0	6.5	5.8	6.0
PRINCEVILLE	5.5	6.0	5.6	6.4	6.5	6.0
RUNNER (IS-AP 14)	5.4	6.0	6.3	6.5	5.6	6.0
MACKENZIE (SRX 1GPD)	5.2	6.0	6.5	6.7	5.4	5.9
BENGAL	5.2	6.1	5.9	6.6	5.7	5.9
INDEPENDENCE	5.2	6.0	6.1	6.6	5.3	5.9
PENNCROSS	5.6	5.5	5.4	6.3	5.8	5.7
PST-9NBC	4.9	6.2	5.0	5.4	6.7	5.7
GREENTIME (IS-AT 7)	4.9	6.5	5.0	5.1	6.5	5.6
BARDOT	4.8	5.7	4.9	6.3	6.2	5.6
TIGER II	4.8	6.0	4.7	5.8	6.2	5.6
EWTR	4.9	6.1	4.8	5.6	5.9	5.5
SR 7150	4.5	6.1	4.3	6.1	6.1	5.5
PST-9VN	4.9	5.8	4.4	5.1	6.3	5.4
SEASIDE	4.6	4.8	3.0	5.1	6.0	4.8
LSD VALUE	0.8	0.7	0.7	0.9	1.5	0.5
C.V. (%)	8.9	7.2	7.3	8.9	15.3	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 2B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2004-07 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	KY1	MD1	OK1	VA1	MEAN
13-M	5.9	6.9	7.1	6.9	6.3	6.6
CRYSTAL BLUELINKS (PST-OEB)	5.7	6.7	6.7	6.9	6.1	6.4
L-93	5.6	6.5	6.9	7.0	6.1	6.4
PENNEAGLE II	5.7	6.6	6.5	7.0	5.8	6.3
LS-44	5.6	6.7	6.7	6.9	5.8	6.3
ALPHA	5.6	6.1	6.7	6.9	6.2	6.3
T-1	5.5	6.6	6.9	6.3	6.2	6.3
PENNLINKS II	5.7	6.7	6.3	6.4	6.2	6.3
KINGPIN (9200)	5.4	6.5	6.5	6.9	5.8	6.2
SR 1119	5.7	6.3	6.5	6.4	5.8	6.1
SHARK (23R)	5.3	6.2	6.5	6.7	5.9	6.1
AUTHORITY (235050)	5.2	6.3	6.6	6.4	6.2	6.1
SR 1150 (SRX 1PDH)	5.4	6.3	6.5	6.4	6.0	6.1
DECLARATION	5.2	6.0	7.0	6.5	5.8	6.0
PRINCEVILLE	5.5	6.0	5.6	6.4	6.5	6.0
RUNNER (IS-AP 14)	5.4	6.0	6.3	6.5	5.6	6.0
MACKENZIE (SRX 1GPD)	5.2	6.0	6.5	6.7	5.4	5.9
BENGAL	5.2	6.1	5.9	6.6	5.7	5.9
INDEPENDENCE	5.2	6.0	6.1	6.6	5.3	5.9
PENNCROSS	5.6	5.5	5.4	6.3	5.8	5.7
SEASIDE	4.6	4.8	3.0	5.1	6.0	4.8
LSD VALUE	0.8	0.7	0.7	0.8	1.5	0.4
C.V. (%)	9.0	7.4	6.7	7.2	15.3	9.8

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
A FAIRWAY OR TEE AT FIVE LOCATIONS 1/
IN THE TRANSITION REGION
2004-07 DATA
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	KS1	KY1	MD1	OK1	VA1	MEAN
PST-9NBC	4.9	6.2	5.0	5.4	6.7	5.7
GREENTIME (IS-AT 7)	4.9	6.5	5.0	5.1	6.5	5.6
BARDOT	4.8	5.7	4.9	6.3	6.2	5.6
TIGER II	4.8	6.0	4.7	5.8	6.2	5.6
EWTR	4.9	6.1	4.8	5.6	5.9	5.5
SR 7150	4.5	6.1	4.3	6.1	6.1	5.5
PST-9VN	4.9	5.8	4.4	5.1	6.3	5.4
LSD VALUE	0.6	0.6	0.7	1.2	1.5	0.5
C.V. (%)	7.8	6.7	9.4	13.4	14.8	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.

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 TABLE 3A: MEAN TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS GROWN ON
 A FAIRWAY OR TEE AT EIGHT LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2004-07 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	6.5	7.0	6.8	6.5	6.5	5.1	6.5	6.4
T-1	6.8	6.7	6.4	7.1	6.5	6.3	4.9	6.2	6.4
13-M	6.6	6.5	7.1	6.8	6.4	6.3	4.8	6.4	6.4
LS-44	6.6	6.5	6.9	6.9	6.2	6.1	4.8	6.6	6.3
PENNEAGLE II	7.0	6.4	6.8	6.8	6.1	6.2	4.9	6.1	6.3
KINGPIN (9200)	6.6	6.2	7.1	6.5	6.4	6.0	4.6	6.5	6.2
DECLARATION	6.2	6.6	7.2	6.7	6.4	5.9	4.8	6.2	6.2
SHARK (23R)	6.9	6.2	6.8	6.7	6.6	6.0	4.6	6.1	6.2
L-93	7.0	6.1	6.7	6.6	6.2	5.6	4.7	6.9	6.2
AUTHORITY (235050)	6.5	6.4	6.7	6.6	6.6	6.3	4.6	5.9	6.2
MACKENZIE (SRX 1GPD)	6.5	6.0	7.1	6.3	6.4	6.0	4.6	6.2	6.1
BENGAL	6.7	6.2	6.2	6.4	6.2	5.5	4.8	6.3	6.0
ALPHA	6.6	6.4	6.0	6.7	6.0	5.7	4.8	6.0	6.0
RUNNER (IS-AP 14)	6.3	6.3	6.6	6.3	6.2	6.0	4.8	5.2	6.0
SR 1119	6.6	6.1	6.2	6.2	5.4	6.0	4.9	6.4	6.0
SR 1150 (SRX 1PDH)	6.3	6.1	6.4	6.3	6.0	5.8	4.9	5.9	6.0
INDEPENDENCE	6.5	6.1	6.2	6.6	6.3	5.6	4.8	5.3	5.9
PENNLINKS II	6.8	5.6	6.7	5.8	5.2	5.9	5.0	6.2	5.9
PRINCEVILLE	6.7	6.0	6.0	5.6	5.0	5.1	5.1	5.6	5.6
PENNCROSS	6.6	5.6	5.4	5.9	4.7	5.1	4.7	6.0	5.5
GREENTIME (IS-AT 7)	6.3	4.9	6.0	4.6	4.8	5.7	4.8	5.4	5.3
PST-9NBC	5.9	4.5	6.1	4.2	4.4	5.8	5.0	5.7	5.1
EWTR	6.3	4.6	6.5	4.4	4.3	5.6	4.9	5.3	5.1
TIGER II	5.9	4.8	6.0	4.3	4.3	5.3	4.9	5.3	5.0
SR 7150	6.3	4.1	5.7	4.2	4.2	5.5	4.7	5.8	5.0
BARDOT	5.9	4.2	5.8	4.5	4.1	5.1	4.9	5.6	4.9
PST-9VN	5.8	3.9	5.7	4.3	4.1	5.3	5.0	5.4	4.9
SEASIDE	5.5	3.7	4.7	3.4	3.7	3.1	4.9	5.0	4.3
LSD VALUE	0.8	0.7	0.8	0.7	0.6	0.8	0.6	0.9	0.3
C.V. (%)	8.0	7.4	8.4	7.8	7.3	8.7	8.5	9.6	8.3

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

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

TABLE 3B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS GROWN ON
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 IN THE NORTH CENTRAL REGION
 2004-07 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	6.5	7.0	6.8	6.5	6.5	5.1	6.5	6.4
T-1	6.8	6.7	6.4	7.1	6.5	6.3	4.9	6.2	6.4
13-M	6.6	6.5	7.1	6.8	6.4	6.3	4.8	6.4	6.4
LS-44	6.6	6.5	6.9	6.9	6.2	6.1	4.8	6.6	6.3
PENNEAGLE II	7.0	6.4	6.8	6.8	6.1	6.2	4.9	6.1	6.3
KINGPIN (9200)	6.6	6.2	7.1	6.5	6.4	6.0	4.6	6.5	6.2
DECLARATION	6.2	6.6	7.2	6.7	6.4	5.9	4.8	6.2	6.2
SHARK (23R)	6.9	6.2	6.8	6.7	6.6	6.0	4.6	6.1	6.2
L-93	7.0	6.1	6.7	6.6	6.2	5.6	4.7	6.9	6.2
AUTHORITY (235050)	6.5	6.4	6.7	6.6	6.6	6.3	4.6	5.9	6.2
MACKENZIE (SRX 1GPD)	6.5	6.0	7.1	6.3	6.4	6.0	4.6	6.2	6.1
BENGAL	6.7	6.2	6.2	6.4	6.2	5.5	4.8	6.3	6.0
ALPHA	6.6	6.4	6.0	6.7	6.0	5.7	4.8	6.0	6.0
RUNNER (IS-AP 14)	6.3	6.3	6.6	6.3	6.2	6.0	4.8	5.2	6.0
SR 1119	6.6	6.1	6.2	6.2	5.4	6.0	4.9	6.4	6.0
SR 1150 (SRX 1PDH)	6.3	6.1	6.4	6.3	6.0	5.8	4.9	5.9	6.0
INDEPENDENCE	6.5	6.1	6.2	6.6	6.3	5.6	4.8	5.3	5.9
PENNLINKS II	6.8	5.6	6.7	5.8	5.2	5.9	5.0	6.2	5.9
PRINCEVILLE	6.7	6.0	6.0	5.6	5.0	5.1	5.1	5.6	5.6
PENNCROSS	6.6	5.6	5.4	5.9	4.7	5.1	4.7	6.0	5.5
SEASIDE	5.5	3.7	4.7	3.4	3.7	3.1	4.9	5.0	4.3
LSD VALUE	0.8	0.7	0.8	0.7	0.6	0.8	0.6	0.9	0.3
C.V. (%)	8.0	7.1	8.2	6.6	6.6	8.5	8.5	9.1	7.9

TABLE 3C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS GROWN ON
 A FAIRWAY OR TEE AT EIGHT LOCATIONS 1/
 IN THE NORTH CENTRAL REGION
 2004-07 DATA
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL1	IL3	IN1	MI1	MN1	ND1	NE1	MEAN
GREENTIME (IS-AT 7)	6.3	4.9	6.0	4.6	4.8	5.7	4.8	5.4	5.3
PST-9NBC	5.9	4.5	6.1	4.2	4.4	5.8	5.0	5.7	5.1
EWTR	6.3	4.6	6.5	4.4	4.3	5.6	4.9	5.3	5.1
TIGER II	5.9	4.8	6.0	4.3	4.3	5.3	4.9	5.3	5.0
SR 7150	6.3	4.1	5.7	4.2	4.2	5.5	4.7	5.8	5.0
BARDOT	5.9	4.2	5.8	4.5	4.1	5.1	4.9	5.6	4.9
PST-9VN	5.8	3.9	5.7	4.3	4.1	5.3	5.0	5.4	4.9
LSD VALUE	0.8	0.6	0.7	0.9	0.7	0.8	0.6	0.9	0.3
C.V. (%)	7.9	8.3	7.1	12.9	10.4	9.3	8.3	11.3	9.7

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

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

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE 4A. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON
A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
2004-07 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
T-1	5.3	6.0	5.6	7.3	8.7	8.8	7.4	7.1
DECLARATION	5.2	5.6	5.6	6.7	7.6	7.3	6.9	6.4
ALPHA	5.2	5.3	5.2	6.8	7.8	7.3	6.7	6.4
KINGPIN (9200)	4.5	5.3	4.8	7.0	7.9	7.8	6.7	6.4
CRYSTAL BLUELINKS (PST-OEB)	4.5	5.3	5.3	6.9	7.7	7.7	6.6	6.3
AUTHORITY (235050)	4.8	5.6	5.4	7.2	7.3	7.0	6.6	6.3
SR 1119	4.3	5.4	5.7	6.7	7.8	7.4	5.9	6.3
SHARK (23R)	4.8	5.4	5.2	6.9	7.2	6.9	6.7	6.2
PENNEAGLE II	4.2	5.3	5.4	6.9	7.4	7.6	6.2	6.2
BENGAL	4.3	5.8	5.6	6.9	7.1	6.8	6.4	6.2
INDEPENDENCE	4.3	5.3	5.4	6.8	7.4	7.1	6.4	6.2
LS-44	4.5	5.2	5.0	6.6	7.7	7.3	6.3	6.2
PENNLINKS II	4.5	5.2	5.4	6.4	7.1	7.2	6.2	6.1
RUNNER (IS-AP 14)	4.7	5.4	5.4	6.6	7.0	6.8	6.3	6.1
13-M	4.8	5.2	5.0	6.6	7.1	6.8	6.3	6.0
L-93	4.3	5.0	4.9	6.6	7.2	6.8	5.9	5.9
SR 1150 (SRX 1PDH)	4.3	5.2	5.4	6.2	6.7	6.3	6.3	5.9
MACKENZIE (SRX 1GPD)	4.5	5.7	4.8	6.6	6.8	6.4	5.9	5.9
PENNCROSS	3.7	4.8	5.1	6.0	6.1	6.0	5.4	5.4
TIGER II	4.8	5.1	5.9	5.8	5.6	5.3	5.0	5.4
EWTR	4.7	4.7	5.4	5.8	5.6	5.3	4.7	5.2
GREENTIME (IS-AT 7)	4.5	4.8	5.1	5.8	5.8	5.2	4.8	5.1
PST-9NBC	4.5	4.8	5.3	5.3	5.4	5.4	4.8	5.1
PRINCEVILLE	3.5	4.3	5.0	5.3	6.0	5.3	5.6	5.1
SR 7150	4.5	4.9	5.3	5.4	5.3	5.3	4.2	5.0
BARDOT	4.7	4.7	5.1	5.4	5.3	5.1	4.7	5.0
PST-9VN	3.8	4.1	4.4	4.6	4.9	4.8	4.0	4.4
SEASIDE	2.0	2.9	3.4	3.3	3.0	3.1	3.0	3.0
LSD VALUE	1.9	1.4	1.0	0.7	0.6	0.6	0.7	0.4
C.V. (%)	36.9	29.8	21.7	12.2	9.9	10.5	12.9	7.7

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 4B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A FAIRWAY OR TEE AT PULLMAN, WA (UPPER WEST/MOUNTAIN) 1/
Taken from the full 2003 Bentgrass (Fairway/Tee) test and report with permission from NTEP

2004-07 DATA								
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
T-1	5.3	6.0	5.6	7.3	8.7	8.8	7.4	7.1
DECLARATION	5.2	5.6	5.6	6.7	7.6	7.3	6.9	6.4
ALPHA	5.2	5.3	5.2	6.8	7.8	7.3	6.7	6.4
KINGPIN (9200)	4.5	5.3	4.8	7.0	7.9	7.8	6.7	6.4
CRYSTAL BLUELINKS (PST-OEB)	4.5	5.3	5.3	6.9	7.7	7.7	6.6	6.3
AUTHORITY (235050)	4.8	5.6	5.4	7.2	7.3	7.0	6.6	6.3
SR 1119	4.3	5.4	5.7	6.7	7.8	7.4	5.9	6.3
SHARK (23R)	4.8	5.4	5.2	6.9	7.2	6.9	6.7	6.2
PENNEAGLE II	4.2	5.3	5.4	6.9	7.4	7.6	6.2	6.2
BENGAL	4.3	5.8	5.6	6.9	7.1	6.8	6.4	6.2
INDEPENDENCE	4.3	5.3	5.4	6.8	7.4	7.1	6.4	6.2
LS-44	4.5	5.2	5.0	6.6	7.7	7.3	6.3	6.2
PENNLINKS II	4.5	5.2	5.4	6.4	7.1	7.2	6.2	6.1
RUNNER (IS-AP 14)	4.7	5.4	5.4	6.6	7.0	6.8	6.3	6.1
13-M	4.8	5.2	5.0	6.6	7.1	6.8	6.3	6.0
L-93	4.3	5.0	4.9	6.6	7.2	6.8	5.9	5.9
SR 1150 (SRX 1PDH)	4.3	5.2	5.4	6.2	6.7	6.3	6.3	5.9
MACKENZIE (SRX 1GPD)	4.5	5.7	4.8	6.6	6.8	6.4	5.9	5.9
PENNCROSS	3.7	4.8	5.1	6.0	6.1	6.0	5.4	5.4
PRINCEVILLE	3.5	4.3	5.0	5.3	6.0	5.3	5.6	5.1
SEASIDE	2.0	2.9	3.4	3.3	3.0	3.1	3.0	3.0
LSD VALUE	2.0	1.4	1.0	0.7	0.6	0.6	0.6	0.4
C.V. (%)	40.8	30.0	20.8	11.6	9.4	9.8	10.6	7.3

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/

2004-07 DATA								
TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/								
NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
TIGER II	4.8	5.1	5.9	5.8	5.6	5.3	5.0	5.4
EWTR	4.7	4.7	5.4	5.8	5.6	5.3	4.7	5.2
GREENTIME (IS-AT 7)	4.5	4.8	5.1	5.8	5.8	5.2	4.8	5.1
PST-9NBC	4.5	4.8	5.3	5.3	5.4	5.4	4.8	5.1
SR 7150	4.5	4.9	5.3	5.4	5.3	5.3	4.2	5.0
BARDOT	4.7	4.7	5.1	5.4	5.3	5.1	4.7	5.0
PST-9VN	3.8	4.1	4.4	4.6	4.9	4.8	4.0	4.4
LSD VALUE	1.1	1.3	1.2	0.7	0.6	0.6	0.9	0.4
C.V. (%)	22.2	28.9	24.1	14.2	11.9	13.1	21.1	9.1

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

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

Taken from the full 2003 Bentgrass (Fairway/Tee) test final report with permission from NTEP
 TABLE 1A. MEAN TURFGRASS QUALITY RATINGS FOR EACH MONTH GROWN
 A FAIRWAY OR TEE AT POMONA, CA (PACIFIC REGION) 1/
 2004-07 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
T-1	7.7	8.0	7.8	7.7	7.8	7.9	7.7	8.2	7.7	7.8	7.5	7.7	7.7
INDEPENDENCE	7.7	8.0	7.8	7.8	7.6	7.3	7.2	7.7	8.2	7.8	8.0	7.5	7.6
CRYSTAL BLUELINKS (PST-OEB)	7.7	7.8	8.0	7.7	7.4	7.4	7.2	7.7	8.0	7.8	7.7	7.7	7.6
AUTHORITY (235050)	7.7	7.5	7.3	7.8	7.4	7.3	7.0	7.8	8.2	7.8	7.8	7.8	7.6
DECLARATION	7.7	7.3	7.3	7.6	7.6	7.6	7.1	7.7	8.3	7.8	7.5	7.5	7.5
ALPHA	7.4	7.7	7.5	7.6	7.3	7.6	7.1	8.2	8.0	7.8	7.7	7.5	7.5
SHARK (23R)	7.4	7.5	7.5	7.7	7.6	7.3	6.8	7.7	8.0	7.8	7.8	7.5	7.5
RUNNER (IS-AP 14)	7.7	7.7	7.8	7.8	7.4	7.7	6.8	7.7	7.7	7.7	7.7	7.7	7.5
13-M	7.7	7.5	7.7	7.6	7.6	7.4	6.7	8.0	8.2	8.0	7.8	7.5	7.5
PENNEAGLE II	7.4	7.5	7.7	7.8	7.1	7.6	6.9	7.8	7.8	7.5	7.5	7.3	7.5
BENGAL	7.7	7.3	7.3	7.4	7.3	7.2	6.8	7.5	7.8	8.0	7.7	7.7	7.4
PST-9VN	7.4	7.3	7.5	7.2	7.2	7.7	7.0	7.7	8.0	7.8	8.0	8.0	7.4
BARDOT	7.8	7.7	8.2	7.2	7.0	7.3	7.0	7.8	7.8	8.0	7.8	7.7	7.4
SR 1119	7.4	7.2	7.5	7.6	7.4	7.3	6.6	7.5	8.2	7.7	7.5	7.5	7.4
SR 1150 (SRX 1PDH)	7.3	7.3	7.5	7.2	7.2	7.6	6.8	7.7	7.8	7.5	7.5	7.5	7.4
SR 7150	7.3	7.3	7.7	7.3	7.4	7.2	6.7	7.5	8.0	8.0	7.8	7.7	7.3
PST-9NBC	7.7	7.5	7.5	7.3	7.2	7.1	6.6	7.3	7.8	7.8	7.8	8.0	7.3
EWTR	7.7	7.7	7.3	7.1	7.2	7.2	6.9	8.0	7.7	7.7	7.7	7.7	7.3
L-93	7.4	7.5	7.8	7.3	6.9	7.3	6.6	7.8	7.8	7.7	7.5	7.7	7.3
PENNLINKS II	7.4	7.2	7.2	7.6	7.3	7.2	6.6	7.5	8.2	7.5	7.8	7.7	7.3
GREENTIME (IS-AT 7)	7.3	7.5	7.7	7.4	7.3	7.2	6.7	7.5	7.7	7.8	7.5	7.5	7.3
PENNCROSS	7.6	7.3	7.7	7.4	7.1	6.9	6.7	7.3	7.5	7.5	7.7	7.7	7.3
TIGER II	7.2	7.2	7.5	7.1	7.3	7.3	6.6	7.5	8.0	7.8	7.7	7.7	7.3
MACKENZIE (SRX 1GPD)	7.3	7.2	7.5	7.2	7.2	7.1	6.2	7.7	8.0	8.0	8.0	7.7	7.2
PRINCEVILLE	7.4	7.7	7.8	7.4	7.0	7.2	6.3	7.5	7.7	7.7	7.7	7.8	7.2
LS-44	7.4	7.5	7.7	7.0	6.7	6.9	6.2	7.7	8.0	7.8	7.7	7.7	7.2
KINGPIN (9200)	7.3	7.3	7.5	6.9	6.9	6.8	6.6	7.7	8.2	7.8	7.8	7.5	7.2
SEASIDE	7.1	7.2	7.2	7.2	6.8	6.6	5.8	6.8	7.3	7.3	7.3	7.7	6.9
LSD VALUE	0.5	0.6	0.7	0.6	0.6	0.8	1.1	0.8	0.7	0.5	0.6	0.6	0.4
C.V. (%)	7.4	6.9	7.8	8.7	9.6	11.3	17.8	9.1	7.6	5.8	6.4	6.6	5.4

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

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

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS FOR EACH MONTH GROWN
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP, CA (PACIFIC REGION) 1/
A FAIRWAY OR TEE AT POMONA, CA

2004-07 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
T-1	7.7	8.0	7.8	7.7	7.8	7.9	7.7	8.2	7.7	7.8	7.5	7.7	7.7
INDEPENDENCE	7.7	8.0	7.8	7.8	7.6	7.3	7.2	7.7	8.2	7.8	8.0	7.5	7.6
CRYSTAL BLUELINKS (PST-OEB)	7.7	7.8	8.0	7.7	7.4	7.4	7.2	7.7	8.0	7.8	7.7	7.7	7.6
AUTHORITY (235050)	7.7	7.5	7.3	7.8	7.4	7.3	7.0	7.8	8.2	7.8	7.8	7.8	7.6
DECLARATION	7.7	7.3	7.3	7.6	7.6	7.6	7.1	7.7	8.3	7.8	7.5	7.5	7.5
ALPHA	7.4	7.7	7.5	7.6	7.3	7.6	7.1	8.2	8.0	7.8	7.7	7.5	7.5
SHARK (23R)	7.4	7.5	7.5	7.7	7.6	7.3	6.8	7.7	8.0	7.8	7.8	7.5	7.5
RUNNER (IS-AP 14)	7.7	7.7	7.8	7.8	7.4	7.7	6.8	7.7	7.7	7.7	7.7	7.7	7.5
13-M	7.7	7.5	7.7	7.6	7.6	7.4	6.7	8.0	8.2	8.0	7.8	7.5	7.5
PENNEAGLE II	7.4	7.5	7.7	7.8	7.1	7.6	6.9	7.8	7.8	7.5	7.5	7.3	7.5
BENGAL	7.7	7.3	7.3	7.4	7.3	7.2	6.8	7.5	7.8	8.0	7.7	7.7	7.4
SR 1119	7.4	7.2	7.5	7.6	7.4	7.3	6.6	7.5	8.2	7.7	7.5	7.5	7.4
SR 1150 (SRX 1PDH)	7.3	7.3	7.5	7.2	7.2	7.6	6.8	7.7	7.8	7.5	7.5	7.5	7.4
L-93	7.4	7.5	7.8	7.3	6.9	7.3	6.6	7.8	7.8	7.7	7.5	7.7	7.3
PENNLINKS II	7.4	7.2	7.2	7.6	7.3	7.2	6.6	7.5	8.2	7.5	7.8	7.7	7.3
PENNCROSS	7.6	7.3	7.7	7.4	7.1	6.9	6.7	7.3	7.5	7.5	7.7	7.7	7.3
MACKENZIE (SRX 1GPD)	7.3	7.2	7.5	7.2	7.2	7.1	6.2	7.7	8.0	8.0	8.0	7.7	7.2
PRINCEVILLE	7.4	7.7	7.8	7.4	7.0	7.2	6.3	7.5	7.7	7.7	7.7	7.8	7.2
LS-44	7.4	7.5	7.7	7.0	6.7	6.9	6.2	7.7	8.0	7.8	7.7	7.7	7.2
KINGPIN (9200)	7.3	7.3	7.5	6.9	6.9	6.8	6.6	7.7	8.2	7.8	7.8	7.5	7.2
SEASIDE	7.1	7.2	7.2	7.2	6.8	6.6	5.8	6.8	7.3	7.3	7.3	7.7	6.9
LSD VALUE	0.5	0.6	0.7	0.6	0.6	0.8	1.1	0.8	0.7	0.5	0.6	0.6	0.3
C.V. (%)	7.0	6.9	8.0	8.1	9.5	11.9	18.2	9.2	7.2	6.2	6.7	6.8	5.0

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS FOR EACH MONTH GROWN
A FAIRWAY OR TEE AT POMONA, CA (PACIFIC REGION) 1/
2004-07 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
PST-9VN	7.4	7.3	7.5	7.2	7.2	7.7	7.0	7.7	8.0	7.8	8.0	8.0	7.4
BARDOT	7.8	7.7	8.2	7.2	7.0	7.3	7.0	7.8	7.8	8.0	7.8	7.7	7.4
SR 7150	7.3	7.3	7.7	7.3	7.4	7.2	6.7	7.5	8.0	8.0	7.8	7.7	7.3
PST-9NBC	7.7	7.5	7.5	7.3	7.2	7.1	6.6	7.3	7.8	7.8	7.8	8.0	7.3
EWTR	7.7	7.7	7.3	7.1	7.2	7.2	6.9	8.0	7.7	7.7	7.7	7.7	7.3
GREENTIME (IS-AT 7)	7.3	7.5	7.7	7.4	7.3	7.2	6.7	7.5	7.7	7.8	7.5	7.5	7.3
TIGER II	7.2	7.2	7.5	7.1	7.3	7.3	6.6	7.5	8.0	7.8	7.7	7.7	7.3
LSD VALUE	0.6	0.6	0.6	0.7	0.7	0.6	1.0	0.8	0.8	0.4	0.5	0.5	0.4
C.V. (%)	8.2	6.9	7.5	10.3	9.9	9.3	16.2	8.9	8.7	4.6	5.6	5.7	6.2

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

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

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE 6A.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
2004-07 DATA

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

NAME	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
EWTR	7.3	6.0	7.7	6.7	6.7	7.2	7.3	7.3	7.3	7.5	7.3	7.3
PST-9VN	7.2	6.7	7.3	6.8	6.7	7.1	7.0	7.2	7.3	7.3	7.2	7.1
SR 1150 (SRX 1PDH)	7.3	6.3	7.7	6.3	6.4	7.2	7.1	7.0	7.0	7.4	7.2	7.1
CRYSTAL BLUELINKS (PST-OEB)	7.2	6.0	7.3	6.5	6.4	7.1	7.1	7.1	6.9	7.2	7.1	7.0
LS-44	6.7	6.7	6.7	7.0	6.6	6.9	6.8	7.1	7.1	6.8	7.3	7.0
PENNLINKS II	6.5	6.7	7.0	6.8	6.3	7.2	6.8	7.2	7.3	6.9	6.9	7.0
SHARK (23R)	7.0	6.0	7.3	6.7	6.4	7.1	6.9	7.0	7.1	7.2	7.2	7.0
BARDOT	6.8	6.7	7.0	6.3	6.6	7.0	6.8	7.0	7.0	6.8	6.8	6.8
PENNCROSS	7.0	6.3	7.0	6.0	6.1	6.8	6.8	6.8	7.0	7.1	6.8	6.8
PRINCEVILLE	6.3	7.0	6.3	6.3	6.6	7.0	6.7	7.0	6.8	6.5	6.8	6.8
T-1	6.5	7.0	7.0	6.7	6.7	7.0	7.0	7.2	7.1	5.8	6.9	6.8
GREENTIME (IS-AT 7)	7.0	6.3	7.0	6.5	6.2	6.9	6.6	6.8	6.9	6.6	6.8	6.7
INDEPENDENCE	7.0	5.7	7.3	6.5	6.1	7.0	6.7	6.6	6.6	6.8	6.8	6.7
PST-9NBC	6.5	5.3	6.7	6.2	6.1	6.9	6.6	6.8	6.8	7.0	6.8	6.7
RUNNER (IS-AP 14)	6.5	6.0	7.0	6.2	6.3	6.9	6.8	6.8	6.8	6.7	6.9	6.7
SR 1119	6.7	6.0	7.0	6.0	6.0	6.8	6.7	6.6	6.6	7.0	6.8	6.7
KINGPIN (9200)	6.5	6.0	6.7	6.2	6.1	6.9	6.6	6.8	6.8	6.4	6.8	6.6
L-93	6.3	5.7	6.7	6.3	6.1	6.9	6.6	6.8	6.9	6.1	6.8	6.6
MACKENZIE (SRX 1GPD)	6.8	6.0	7.0	6.5	6.0	6.8	6.6	6.5	6.5	6.6	6.8	6.6
SEASIDE	6.3	6.0	6.7	6.3	6.0	6.7	6.6	6.7	6.8	6.8	6.7	6.6
SR 7150	7.2	6.0	7.3	5.8	6.2	6.8	6.8	6.7	6.8	6.7	6.7	6.6
AUTHORITY (235050)	6.7	6.0	6.7	6.2	6.1	6.7	6.2	6.3	6.3	6.7	6.7	6.5
PENNEAGLE II	6.2	6.0	6.3	6.7	6.0	6.6	6.3	6.5	6.5	6.7	6.6	6.5
ALPHA	6.0	5.7	6.3	6.5	5.9	6.3	6.1	6.3	6.2	6.8	6.8	6.4
BENGAL	6.2	6.0	6.3	6.7	6.0	6.6	6.2	6.5	6.6	6.2	6.4	6.4
TIGER II	6.8	5.3	7.0	6.2	5.8	6.7	6.4	6.3	6.2	6.5	6.7	6.4
13-M	5.7	5.3	6.0	6.0	6.0	6.3	6.1	6.3	6.3	6.3	6.3	6.3
DECLARATION	6.2	5.0	6.3	6.2	5.6	6.2	5.9	6.1	5.9	6.8	6.3	6.2
LSD VALUE	0.6	0.4	0.9	0.7	1.8	0.4	0.5	0.4	0.4	0.6	0.4	0.3
C.V. (%)	7.3	5.8	6.6	7.8	14.4	6.4	8.0	7.7	8.2	10.4	7.1	5.2

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
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
SR 1150 (SRX 1PDH)	7.3	6.3	7.7	6.3	6.4	7.2	7.1	7.0	7.0	7.4	7.2	7.1
CRYSTAL BLUELINKS (PST-OEB)	7.2	6.0	7.3	6.5	6.4	7.1	7.1	7.1	6.9	7.2	7.1	7.0
LS-44	6.7	6.7	6.7	7.0	6.6	6.9	6.8	7.1	7.1	6.8	7.3	7.0
PENNLINKS II	6.5	6.7	7.0	6.8	6.3	7.2	6.8	7.2	7.3	6.9	6.9	7.0
SHARK (23R)	7.0	6.0	7.3	6.7	6.4	7.1	6.9	7.0	7.1	7.2	7.2	7.0
PENNCROSS	7.0	6.3	7.0	6.0	6.1	6.8	6.8	6.8	7.0	7.1	6.8	6.8
PRINCEVILLE	6.3	7.0	6.3	6.3	6.6	7.0	6.7	7.0	6.8	6.5	6.8	6.8
T-1	6.5	7.0	7.0	6.7	6.7	7.0	7.0	7.2	7.1	5.8	6.9	6.8
INDEPENDENCE	7.0	5.7	7.3	6.5	6.1	7.0	6.7	6.6	6.6	6.8	6.8	6.7
RUNNER (IS-AP 14)	6.5	6.0	7.0	6.2	6.3	6.9	6.8	6.8	6.8	6.7	6.9	6.7
SR 1119	6.7	6.0	7.0	6.0	6.0	6.8	6.7	6.6	6.6	7.0	6.8	6.7
KINGPIN (9200)	6.5	6.0	6.7	6.2	6.1	6.9	6.6	6.8	6.8	6.4	6.8	6.6
L-93	6.3	5.7	6.7	6.3	6.1	6.9	6.6	6.8	6.9	6.1	6.8	6.6
MACKENZIE (SRX 1GPD)	6.8	6.0	7.0	6.5	6.0	6.8	6.6	6.5	6.5	6.6	6.8	6.6
SEASIDE	6.3	6.0	6.7	6.3	6.0	6.7	6.6	6.7	6.8	6.8	6.7	6.6
AUTHORITY (235050)	6.7	6.0	6.7	6.2	6.1	6.7	6.2	6.3	6.3	6.7	6.7	6.5
PENNEAGLE II	6.2	6.0	6.3	6.7	6.0	6.6	6.3	6.5	6.5	6.7	6.6	6.5
ALPHA	6.0	5.7	6.3	6.5	5.9	6.3	6.1	6.3	6.2	6.8	6.8	6.4
BENGAL	6.2	6.0	6.3	6.7	6.0	6.6	6.2	6.5	6.6	6.2	6.4	6.4
13-M	5.7	5.3	6.0	6.0	6.0	6.3	6.1	6.3	6.3	6.3	6.3	6.3
DECLARATION	6.2	5.0	6.3	6.2	5.6	6.2	5.9	6.1	5.9	6.8	6.3	6.2
LSD VALUE	0.6	0.3	0.9	0.8	1.8	0.4	0.5	0.4	0.4	0.6	0.4	0.3
C.V. (%)	7.7	5.3	6.9	7.9	14.4	6.6	7.9	7.7	8.1	10.7	7.2	5.3

TABLE 6C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN UNDER REDUCED FUNGICIDES AT FARMINGDALE, NY 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
EWTR	7.3	6.0	7.7	6.7	6.7	7.2	7.3	7.3	7.3	7.5	7.3	7.3
PST-9VN	7.2	6.7	7.3	6.8	6.7	7.1	7.0	7.2	7.3	7.3	7.2	7.1
BARDOT	6.8	6.7	7.0	6.3	6.6	7.0	6.8	7.0	7.0	6.8	6.8	6.8
GREENTIME (IS-AT 7)	7.0	6.3	7.0	6.5	6.2	6.9	6.6	6.8	6.9	6.6	6.8	6.7
PST-9NBC	6.5	5.3	6.7	6.2	6.1	6.9	6.6	6.8	6.8	7.0	6.8	6.7
SR 7150	7.2	6.0	7.3	5.8	6.2	6.8	6.8	6.7	6.8	6.7	6.7	6.6
TIGER II	6.8	5.3	7.0	6.2	5.8	6.7	6.4	6.3	6.2	6.5	6.7	6.4
LSD VALUE	0.6	0.5	1.0	0.6	1.3	0.5	0.6	0.4	0.5	0.6	0.4	0.3
C.V. (%)	6.2	7.3	6.2	7.6	14.5	6.1	8.4	7.6	8.5	9.7	6.7	5.1

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. Taken from the full 2003 Bentgrass (Fairway/Tea) test - first report with permission from NTEP
 MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
 GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC COLOR	SPRING GREENUP	SEEDLING VIGOR	SUMMER DENSITY	WINTER COLOR	MICRODO- CHIUM PATCH	POA ANNUA	QUALITY RATINGS												
								JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
EWTR	6.8	5.9	4.7	7.1	5.0	6.7	6.8	5.3	5.0	6.0	6.7	6.8	6.9	7.3	7.5	7.0	7.1	6.1	5.8	6.5
RUNNER (IS-AP 14)	6.4	5.1	7.3	6.8	5.3	8.0	7.8	5.3	5.6	6.1	6.9	7.3	6.8	6.4	6.0	5.8	6.9	6.7	6.0	6.3
AUTHORITY (235050)	6.8	4.5	6.7	6.9	5.7	6.7	7.7	4.8	5.0	5.4	6.2	6.7	6.3	6.2	6.6	6.8	7.0	6.6	5.8	6.1
DECLARATION	6.8	5.5	7.0	6.8	5.3	7.0	7.5	5.7	5.7	5.8	6.8	6.8	6.4	6.2	5.3	5.3	6.7	6.4	6.3	6.1
13-M	6.3	5.0	6.7	6.4	5.7	7.7	7.2	5.3	4.9	6.1	6.8	6.3	5.9	5.8	5.8	6.2	6.4	6.1	5.8	6.0
GREENTIME (IS-AT 7)	6.6	5.3	7.3	6.8	5.0	6.3	6.7	5.0	4.6	5.6	6.5	6.5	6.4	6.3	6.5	6.5	6.2	5.8	5.3	6.0
INDEPENDENCE	6.8	4.8	7.7	6.8	5.3	7.3	7.5	4.9	5.0	5.6	6.2	6.3	6.3	6.3	6.2	5.9	6.5	6.0	5.6	5.9
PENNEAGLE II	6.7	5.1	7.7	6.3	6.0	7.3	6.7	5.1	5.0	5.6	5.8	6.3	6.2	6.1	5.8	5.9	6.4	6.1	5.8	5.9
SHARK (23R)	6.8	5.3	7.0	6.8	5.0	7.0	7.0	4.9	4.7	5.7	6.3	6.3	6.1	5.9	5.9	6.3	6.8	6.1	5.6	5.9
T-1	7.7	5.3	8.3	6.6	6.0	6.7	7.0	5.2	5.3	6.3	5.9	6.2	5.6	5.8	5.9	6.3	6.4	6.0	5.8	5.9
TIGER II	6.7	6.1	6.3	6.6	5.0	5.7	6.3	4.9	4.4	5.3	5.9	6.3	6.2	6.3	7.0	6.6	6.5	5.8	5.3	5.9
ALPHA	7.2	5.1	7.7	6.3	5.7	7.3	7.3	5.0	5.1	5.8	6.1	6.3	5.9	5.8	6.0	6.1	6.3	6.0	5.3	5.8
CRYSTAL BLUELINKS (PST-OEB)	7.1	5.8	6.3	6.4	6.0	7.3	6.5	5.0	4.9	5.6	5.5	6.1	6.1	6.3	6.3	6.2	5.9	5.5	5.7	5.8
MACKENZIE (SRX 1GPD)	6.5	4.9	6.0	6.6	5.0	7.3	6.8	4.8	4.9	5.5	6.3	6.6	5.8	5.7	5.8	6.0	6.3	6.1	5.7	5.8
BENGAL	6.6	4.8	7.0	6.3	5.7	6.3	6.7	4.6	5.2	5.5	5.8	6.2	5.7	5.8	6.0	6.3	6.3	5.9	5.5	5.7
KINGPIN (9200)	7.1	5.7	5.7	6.4	5.3	6.7	7.0	5.1	5.0	5.6	5.8	6.2	5.8	5.8	5.8	5.8	6.1	5.8	5.4	5.7
PST-9NBC	7.4	5.8	6.7	6.6	4.7	6.0	6.5	4.5	4.4	5.5	5.8	6.2	6.2	6.3	6.5	6.3	5.9	5.0	5.2	5.7
SR 1119	7.0	4.6	4.7	6.3	5.0	7.0	7.0	4.6	4.7	5.5	6.1	6.3	5.9	5.8	5.9	5.8	6.4	5.8	5.3	5.7
BARDOT	6.2	6.3	3.3	6.4	4.3	5.7	5.7	4.8	3.9	5.2	5.6	5.8	5.7	6.0	6.6	6.4	5.9	5.4	5.2	5.6
L-93	6.3	4.7	8.0	5.8	5.3	7.0	6.8	5.0	4.8	5.0	5.6	5.8	5.6	5.8	6.0	5.9	6.2	6.1	5.8	5.6
LS-44	6.8	4.6	8.0	6.3	5.3	6.3	6.5	4.6	4.7	5.3	5.5	6.1	5.8	5.8	6.0	6.2	5.7	5.4	5.4	5.6
SR 1150 (SRX 1PDH)	6.6	4.8	7.0	6.1	5.0	6.7	7.0	4.4	4.3	5.3	6.0	5.8	5.7	5.5	5.6	5.8	5.9	5.4	5.0	5.4
SR 7150	7.3	6.3	6.0	6.6	5.0	6.7	6.0	4.6	4.4	5.7	6.3	5.7	5.5	5.3	5.8	5.7	5.8	5.0	4.8	5.4
PENNLINKS II	6.7	4.8	7.7	5.8	5.0	6.7	6.0	4.5	4.3	5.1	5.3	5.4	5.6	5.6	5.5	5.7	5.7	5.3	5.2	5.3
PRINCEVILLE	6.1	4.7	7.3	6.0	5.3	7.3	6.7	4.6	4.4	4.9	5.1	5.0	5.7	5.3	5.6	5.9	6.0	5.4	5.3	5.3
PENNCROSS	6.3	4.8	9.0	5.0	5.0	8.3	6.3	4.5	4.2	5.0	5.0	5.3	5.4	5.3	5.8	5.9	5.4	5.1	5.0	5.2
PST-9VN	6.6	5.7	6.3	5.1	5.0	6.3	5.2	4.5	4.0	4.6	4.8	5.1	5.0	5.1	5.7	5.3	5.3	4.9	4.5	4.9
SEASIDE	5.8	5.4	7.0	4.6	5.7	7.7	5.0	4.2	3.8	3.9	4.3	4.3	4.4	4.2	4.6	4.8	4.7	4.5	4.3	4.3
LSD VALUE	0.6	0.8	1.8	0.6	1.9	1.4	0.9	0.8	0.5	0.7	0.7	0.7	0.6	0.7	0.7	0.9	0.7	0.6	0.6	0.4
C.V. (%)	11.3	18.8	15.3	11.5	12.3	10.5	11.4	16.2	12.7	15.6	14.7	14.2	12.5	14.7	15.3	16.6	13.4	13.3	14.0	8.7

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

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

TABLE 7B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final grown with permission from NTEP
 GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	SPRING	SEEDLING	SUMMER	WINTER	MICRODOCHMIUM	POA	QUALITY RATINGS													
	COLOR	GREENUP	VIGOR	DENSITY	COLOR	PATCH	ANNUA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	
RUNNER (IS-AP 14)	6.4	5.1	7.3	6.8	5.3	8.0	7.8	5.3	5.6	6.1	6.9	7.3	6.8	6.4	6.0	5.8	6.9	6.7	6.0	6.3	
AUTHORITY (235050)	6.8	4.5	6.7	6.9	5.7	6.7	7.7	4.8	5.0	5.4	6.2	6.7	6.3	6.2	6.6	6.8	7.0	6.6	5.8	6.1	
DECLARATION	6.8	5.5	7.0	6.8	5.3	7.0	7.5	5.7	5.7	5.8	6.8	6.8	6.4	6.2	5.3	5.3	6.7	6.4	6.3	6.1	
13-M	6.3	5.0	6.7	6.4	5.7	7.7	7.2	5.3	4.9	6.1	6.8	6.3	5.9	5.8	5.8	6.2	6.4	6.1	5.8	6.0	
INDEPENDENCE	6.8	4.8	7.7	6.8	5.3	7.3	7.5	4.9	5.0	5.6	6.2	6.3	6.3	6.3	6.2	5.9	6.5	6.0	5.6	5.9	
PENNEAGLE II	6.7	5.1	7.7	6.3	6.0	7.3	6.7	5.1	5.0	5.6	5.8	6.3	6.2	6.1	5.8	5.9	6.4	6.1	5.8	5.9	
SHARK (23R)	6.8	5.3	7.0	6.8	5.0	7.0	7.0	4.9	4.7	5.7	6.3	6.3	6.1	5.9	5.9	6.3	6.8	6.1	5.6	5.9	
T-1	7.7	5.3	8.3	6.6	6.0	6.7	7.0	5.2	5.3	6.3	5.9	6.2	5.6	5.8	5.9	6.3	6.4	6.0	5.8	5.9	
ALPHA	7.2	5.1	7.7	6.3	5.7	7.3	7.3	5.0	5.1	5.8	6.1	6.3	5.9	5.8	6.0	6.1	6.3	6.0	5.3	5.8	
CRYSTAL BLUELINKS (PST-OEB)	7.1	5.8	6.3	6.4	6.0	7.3	6.5	5.0	4.9	5.6	5.5	6.1	6.1	6.3	6.3	6.2	5.9	5.5	5.7	5.8	
MACKENZIE (SRX 1GPD)	6.5	4.9	6.0	6.6	5.0	7.3	6.8	4.8	4.9	5.5	6.3	6.6	5.8	5.7	5.8	6.0	6.3	6.1	5.7	5.8	
BENGAL	6.6	4.8	7.0	6.3	5.7	6.3	6.7	4.6	5.2	5.5	5.8	6.2	5.7	5.8	6.0	6.3	6.3	5.9	5.5	5.7	
KINGPIN (9200)	7.1	5.7	5.7	6.4	5.3	6.7	7.0	5.1	5.0	5.6	5.8	6.2	5.8	5.8	5.8	5.8	6.1	5.8	5.4	5.7	
SR 1119	7.0	4.6	4.7	6.3	5.0	7.0	7.0	4.6	4.7	5.5	6.1	6.3	5.9	5.8	5.9	5.8	6.4	5.8	5.3	5.7	
L-93	6.3	4.7	8.0	5.8	5.3	7.0	6.8	5.0	4.8	5.0	5.6	5.8	5.6	5.8	6.0	5.9	6.2	6.1	5.8	5.6	
LS-44	6.8	4.6	8.0	6.3	5.3	6.3	6.5	4.6	4.7	5.3	5.5	6.1	5.8	5.8	6.0	6.2	5.7	5.4	5.4	5.6	
SR 1150 (SRX 1PDH)	6.6	4.8	7.0	6.1	5.0	6.7	7.0	4.4	4.3	5.3	6.0	5.8	5.7	5.5	5.6	5.8	5.9	5.4	5.0	5.4	
PENNLINKS II	6.7	4.8	7.7	5.8	5.0	6.7	6.0	4.5	4.3	5.1	5.3	5.4	5.6	5.6	5.5	5.7	5.7	5.3	5.2	5.3	
PRINCEVILLE	6.1	4.7	7.3	6.0	5.3	7.3	6.7	4.6	4.4	4.9	5.1	5.0	5.7	5.3	5.6	5.9	6.0	5.4	5.3	5.3	
PENNCROSS	6.3	4.8	9.0	5.0	5.0	8.3	6.3	4.5	4.2	5.0	5.0	5.3	5.4	5.3	5.8	5.9	5.4	5.1	5.0	5.2	
SEASIDE	5.8	5.4	7.0	4.6	5.7	7.7	5.0	4.2	3.8	3.9	4.3	4.3	4.4	4.2	4.6	4.8	4.7	4.5	4.3	4.3	
LSD VALUE	0.5	0.9	1.7	0.6	1.5	1.5	0.9	0.8	0.5	0.6	0.6	0.6	0.6	0.7	0.8	1.0	0.6	0.6	0.7	0.3	
C.V. (%)	9.6	17.3	13.1	10.8	10.0	9.3	11.5	16.8	12.2	13.6	14.1	13.8	12.1	14.6	14.5	16.3	13.0	13.1	14.5	7.9	

TABLE 7C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN UNDER LOW MAINTENANCE AT PUYALLUP, WA 1/
 2004-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

NAME	GENETIC	SPRING	SEEDLING	SUMMER	WINTER	MICRODOCHIUM	POA	QUALITY RATINGS													
	COLOR	GREENUP	VIGOR	DENSITY	COLOR	PATCH	ANNUA	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	
EWTR	6.8	5.9	4.7	7.1	5.0	6.7	6.8	5.3	5.0	6.0	6.7	6.8	6.9	7.3	7.5	7.0	7.1	6.1	5.8	6.5	
GREENTIME (IS-AT 7)	6.6	5.3	7.3	6.8	5.0	6.3	6.7	5.0	4.6	5.6	6.5	6.5	6.4	6.3	6.5	6.5	6.2	5.8	5.3	6.0	
TIGER II	6.7	6.1	6.3	6.6	5.0	5.7	6.3	4.9	4.4	5.3	5.9	6.3	6.2	6.3	7.0	6.6	6.5	5.8	5.3	5.9	
PST-9NBC	7.4	5.8	6.7	6.6	4.7	6.0	6.5	4.5	4.4	5.5	5.8	6.2	6.2	6.3	6.5	6.3	5.9	5.0	5.2	5.7	
BARDOT	6.2	6.3	3.3	6.4	4.3	5.7	5.7	4.8	3.9	5.2	5.6	5.8	5.7	6.0	6.6	6.4	5.9	5.4	5.2	5.6	
SR 7150	7.3	6.3	6.0	6.6	5.0	6.7	6.0	4.6	4.4	5.7	6.3	5.7	5.5	5.3	5.8	5.7	5.8	5.0	4.8	5.4	
PST-9VN	6.6	5.7	6.3	5.1	5.0	6.3	5.2	4.5	4.0	4.6	4.8	5.1	5.0	5.1	5.7	5.3	5.3	4.9	4.5	4.9	
LSD VALUE	0.9	1.5	2.9	0.8	2.1	2.0	0.8	0.7	0.7	1.1	0.8	0.8	0.6	0.7	0.9	0.9	0.7	0.6	0.5	0.5	
C.V. (%)	14.1	21.4	24.0	13.0	16.1	12.9	10.9	14.3	14.3	20.1	16.1	15.6	13.4	14.4	16.1	16.8	14.9	13.9	12.2	10.4	

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

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

Taken from the full 2003 Bentgrass (Fairway/Tea) test - first report with permission from NTEP
 TABLE 8A: MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS
 GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
 2005-07 DATA
 TURFGRASS QUALITY AND OTHER RATINGS 1-9; 9=BEST 2/

		PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL			QUALITY RATINGS					
NAME	SPRING GREENUP				MAY	JUN	JUL	AUG	SEP	OCT	MEAN	
DECLARATION	5.0	95.1	80.2	94.6	8.0	7.9	5.3	5.7	6.7	7.0	6.8	
SHARK (23R)	4.3	92.3	87.9	92.6	6.9	7.2	5.3	6.6	7.4	7.4	6.8	
PENNEAGLE II	5.3	94.3	85.8	93.3	7.2	7.0	6.0	5.4	7.3	7.1	6.7	
RUNNER (IS-AP 14)	4.7	88.2	80.3	92.4	7.2	7.0	6.2	5.3	7.1	7.6	6.7	
CRYSTAL BLUELINKS (PST-OEB)	6.0	90.3	81.7	93.4	6.9	6.7	5.4	5.4	7.3	7.8	6.6	
INDEPENDENCE	6.0	90.2	82.4	93.7	7.0	7.0	6.3	6.1	6.6	6.8	6.6	
SR 1150 (SRX 1PDH)	5.7	91.6	86.7	85.0	6.6	6.7	6.2	6.1	7.4	6.6	6.6	
ALPHA	7.7	88.3	81.7	90.9	7.0	6.6	6.0	5.4	7.1	7.1	6.5	
13-M	6.3	86.4	81.0	91.8	7.2	7.0	4.3	5.0	7.7	7.0	6.4	
AUTHORITY (235050)	3.7	90.2	85.6	88.9	6.2	6.8	5.2	6.1	7.2	7.1	6.4	
L-93	7.0	89.0	85.0	92.9	6.8	6.3	5.4	5.4	7.2	7.2	6.4	
LS-44	6.0	87.9	83.8	92.9	7.0	6.3	5.6	5.3	6.8	7.3	6.4	
T-1	5.3	89.6	82.7	90.7	6.9	6.3	5.4	5.4	6.7	7.1	6.3	
KINGPIN (9200)	5.0	86.6	77.6	89.3	6.6	6.6	4.7	5.2	6.9	7.6	6.2	
PRINCEVILLE	6.7	80.7	76.6	80.0	5.6	6.1	5.4	5.4	7.0	6.3	6.0	
SR 1119	5.0	82.0	79.9	92.2	6.7	5.4	4.7	4.7	6.6	6.9	5.8	
MACKENZIE (SRX 1GPD)	4.0	81.1	80.3	81.1	5.7	5.2	4.8	5.1	6.9	6.8	5.7	
BENGAL	6.3	84.9	72.2	88.4	6.3	6.2	4.3	4.1	6.1	6.8	5.6	
PENNCROSS	6.7	77.3	72.7	74.7	5.1	4.9	4.8	5.1	6.3	6.2	5.4	
PENNLINKS II	5.7	73.6	68.1	79.7	5.1	4.8	5.0	4.7	5.8	6.1	5.2	
PST-9NBC	3.3	66.2	71.9	72.8	4.3	4.3	5.0	5.4	6.7	5.7	5.2	
SEASIDE	6.0	56.6	73.4	64.6	2.9	3.3	4.4	4.4	5.2	4.9	4.2	
TIGER II	2.0	51.3	65.6	61.0	3.1	3.9	4.3	4.1	5.1	4.4	4.2	
GREENTIME (IS-AT 7)	2.3	57.1	51.1	66.7	3.3	3.9	4.4	3.3	5.0	4.6	4.1	
EWTR	3.3	50.6	53.9	53.9	3.2	3.7	4.2	4.0	4.4	4.3	4.0	
PST-9VN	3.7	51.9	58.3	62.8	2.9	3.6	3.9	3.7	4.2	4.3	3.8	
SR 7150	2.3	52.6	55.0	58.4	2.7	4.0	4.1	3.6	4.3	4.1	3.8	
BARDOT	3.0	46.1	42.8	53.7	2.8	3.9	3.7	3.6	4.2	4.2	3.7	
LSD VALUE	1.4	18.5	13.2	18.2	1.3	1.3	1.4	1.3	1.1	1.5	0.8	
C.V. (%)	18.0	26.4	19.9	24.1	26.6	26.1	26.8	27.7	19.3	25.9	15.9	

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

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

TABLE 8B. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2005-07 DATA

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

		PERCENT COVER	PERCENT COVER	PERCENT COVER			QUALITY RATINGS				
NAME	SPRING GREENUP	COVER SPRING	COVER SUMMER	COVER FALL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
DECLARATION	5.0	95.1	80.2	94.6	8.0	7.9	5.3	5.7	6.7	7.0	6.8
SHARK (23R)	4.3	92.3	87.9	92.6	6.9	7.2	5.3	6.6	7.4	7.4	6.8
PENNEAGLE II	5.3	94.3	85.8	93.3	7.2	7.0	6.0	5.4	7.3	7.1	6.7
RUNNER (IS-AP 14)	4.7	88.2	80.3	92.4	7.2	7.0	6.2	5.3	7.1	7.6	6.7
CRYSTAL BLUELINKS (PST-OEB)	6.0	90.3	81.7	93.4	6.9	6.7	5.4	5.4	7.3	7.8	6.6
INDEPENDENCE	6.0	90.2	82.4	93.7	7.0	7.0	6.3	6.1	6.6	6.8	6.6
SR 1150 (SRX 1PDH)	5.7	91.6	86.7	85.0	6.6	6.7	6.2	6.1	7.4	6.6	6.6
ALPHA	7.7	88.3	81.7	90.9	7.0	6.6	6.0	5.4	7.1	7.1	6.5
13-M	6.3	86.4	81.0	91.8	7.2	7.0	4.3	5.0	7.7	7.0	6.4
AUTHORITY (235050)	3.7	90.2	85.6	88.9	6.2	6.8	5.2	6.1	7.2	7.1	6.4
L-93	7.0	89.0	85.0	92.9	6.8	6.3	5.4	5.4	7.2	7.2	6.4
LS-44	6.0	87.9	83.8	92.9	7.0	6.3	5.6	5.3	6.8	7.3	6.4
T-1	5.3	89.6	82.7	90.7	6.9	6.3	5.4	5.4	6.7	7.1	6.3
KINGPIN (9200)	5.0	86.6	77.6	89.3	6.6	6.6	4.7	5.2	6.9	7.6	6.2
PRINCEVILLE	6.7	80.7	76.6	80.0	5.6	6.1	5.4	5.4	7.0	6.3	6.0
SR 1119	5.0	82.0	79.9	92.2	6.7	5.4	4.7	4.7	6.6	6.9	5.8
MACKENZIE (SRX 1GPD)	4.0	81.1	80.3	81.1	5.7	5.2	4.8	5.1	6.9	6.8	5.7
BENGAL	6.3	84.9	72.2	88.4	6.3	6.2	4.3	4.1	6.1	6.8	5.6
PENNCROSS	6.7	77.3	72.7	74.7	5.1	4.9	4.8	5.1	6.3	6.2	5.4
PENNLINKS II	5.7	73.6	68.1	79.7	5.1	4.8	5.0	4.7	5.8	6.1	5.2
SEASIDE	6.0	56.6	73.4	64.6	2.9	3.3	4.4	4.4	5.2	4.9	4.2
LSD VALUE	1.5	13.8	13.8	20.3	1.4	1.2	1.7	1.9	1.6	2.3	0.7
C.V. (%)	15.6	16.4	14.1	19.0	23.0	21.5	26.0	25.9	19.1	22.7	13.2

TABLE 8C. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN UNDER TRAFFIC STRESS AT MADISON, WI 1/
2005-07 DATA

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

		PERCENT COVER	PERCENT COVER	PERCENT COVER	QUALITY RATINGS						
NAME	SPRING GREENUP	SPRING	SUMMER	FALL	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
PST-9NBC	3.3	66.2	71.9	72.8	4.3	4.3	5.0	5.4	6.7	5.7	5.2
TIGER II	2.0	51.3	65.6	61.0	3.1	3.9	4.3	4.1	5.1	4.4	4.2
GREENTIME (IS-AT 7)	2.3	57.1	51.1	66.7	3.3	3.9	4.4	3.3	5.0	4.6	4.1
EWTR	3.3	50.6	53.9	53.9	3.2	3.7	4.2	4.0	4.4	4.3	4.0
PST-9VN	3.7	51.9	58.3	62.8	2.9	3.6	3.9	3.7	4.2	4.3	3.8
SR 7150	2.3	52.6	55.0	58.4	2.7	4.0	4.1	3.6	4.3	4.1	3.8
BARDOT	3.0	46.1	42.8	53.7	2.8	3.9	3.7	3.6	4.2	4.2	3.7
LSD VALUE	2.3	54.6	27.4	41.5	2.1	3.2	1.8	1.5	0.9	2.7	1.3
C.V. (%)	34.0	62.0	38.9	43.8	49.1	47.5	29.7	34.4	19.9	40.1	27.5

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

TABLE 9A. Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/																			
NAME	CA7	IA1	IL1	IL3	IN1	KS1	KY1	MA1	MI1	MN1	ND1	NE1	NJ1	OK1	PA1	QE1	VA1	WA1	MEAN
T-1	7.8	8.2	7.8	8.3	7.3	8.3	7.9	5.9	6.7	8.2	6.3	7.7	7.6	7.8	8.4	7.8	7.9	8.2	7.6
SR 1119	7.1	7.9	6.8	7.0	7.2	7.3	7.9	6.3	5.7	7.9	6.5	7.4	6.4	8.1	7.7	7.8	7.1	7.3	7.2
KINGPIN (9200)	6.7	8.0	7.1	7.3	7.2	8.0	7.6	5.8	6.1	7.6	6.8	7.3	7.4	7.8	6.7	7.8	7.0	7.4	7.2
ALPHA	7.2	7.9	6.6	6.7	7.3	7.3	7.2	5.7	6.8	7.5	6.8	7.3	6.3	7.4	7.3	7.8	7.3	7.3	7.1
LS-44	6.8	7.9	6.4	8.0	7.4	7.0	7.8	5.9	6.1	7.0	6.7	7.1	6.0	6.8	7.3	7.5	7.6	7.0	7.0
PENNLINKS II	7.0	7.6	6.3	8.0	7.1	6.3	7.4	5.8	5.3	6.9	6.7	7.2	6.1	8.0	7.3	7.3	7.3	7.2	6.9
CRYSTAL BLUELINKS (PST-OEB)	7.2	8.2	6.2	7.3	6.8	6.3	7.4	5.7	5.8	6.9	6.5	6.9	6.1	7.8	6.8	7.5	6.8	7.2	6.8
L-93	7.1	7.5	6.2	6.7	6.9	6.7	7.6	5.8	6.7	6.2	6.3	7.2	5.7	7.7	6.7	7.3	7.5	6.8	6.8
BENGAL	7.2	7.8	6.3	7.3	7.3	7.0	7.3	5.9	6.0	6.0	6.3	6.8	5.6	7.2	6.3	7.5	7.2	7.0	6.7
PENNEAGLE II	7.1	7.9	6.3	7.7	6.9	7.3	7.4	5.6	5.8	6.2	6.3	6.1	5.6	7.1	6.8	7.3	7.0	7.2	6.7
PST-9VN	7.4	7.3	5.9	.	7.0	5.0	7.3	6.0	5.6	4.5	7.3	7.1	4.8	8.1	7.6	7.6	6.9	7.9	6.7
INDEPENDENCE	7.3	7.7	6.0	7.0	6.3	6.3	7.6	5.8	6.8	6.7	6.0	6.9	5.8	6.7	6.1	7.3	6.8	6.9	6.6
13-M	7.1	7.4	6.3	6.3	7.0	6.7	7.6	5.9	6.2	5.7	6.2	7.1	5.9	7.0	5.6	7.1	7.8	6.9	6.6
DECLARATION	7.0	7.7	6.0	7.0	6.3	6.7	7.6	5.9	6.2	6.2	5.7	6.7	6.1	7.0	6.2	6.9	7.2	7.3	6.6
SR 7150	7.4	7.8	5.8	.	6.8	5.3	7.9	5.6	5.9	4.8	6.2	7.6	4.3	7.6	7.3	7.5	6.9	8.1	6.6
SHARK (23R)	6.8	7.5	6.0	6.3	6.8	6.7	7.7	6.1	5.2	5.8	5.8	7.3	5.3	6.8	5.3	7.3	7.3	7.0	6.5
AUTHORITY (235050)	7.1	7.4	6.1	7.0	6.7	6.7	7.4	5.9	6.2	5.8	5.8	6.7	5.5	6.4	5.5	7.3	6.9	7.2	6.5
MACKENZIE (SRX 1GPD)	7.0	7.4	6.3	6.7	6.6	6.7	7.2	6.1	5.2	5.8	6.0	6.9	5.7	6.0	5.5	7.1	7.2	6.9	6.4
PENNCROSS	6.8	7.8	5.5	6.7	7.3	6.7	6.4	5.8	5.9	6.3	6.5	6.6	4.9	6.4	6.3	6.8	6.9	7.0	6.4
PST-9NBC	7.3	7.4	5.3	.	6.8	5.3	7.6	5.6	6.0	4.5	6.7	6.8	4.6	7.4	6.3	7.5	6.8	8.0	6.4
GREENTIME (IS-AT 7)	7.3	7.6	5.6	.	7.2	5.3	7.3	5.5	6.0	4.2	6.3	7.2	4.6	7.3	5.8	7.3	7.0	8.0	6.4
EWTR	7.7	7.6	4.6	.	6.7	5.3	7.6	5.6	6.0	4.0	7.2	6.7	3.9	7.6	6.2	7.5	6.8	7.8	6.3
RUNNER (IS-AP 14)	6.9	7.3	5.3	6.7	6.5	6.0	6.4	5.9	6.3	5.5	6.2	6.3	5.3	6.3	5.2	7.1	7.5	6.8	6.3
TIGER II	7.1	7.3	4.8	.	6.6	5.3	7.2	5.5	5.9	4.0	6.3	6.9	4.3	7.7	6.1	7.0	6.8	7.8	6.2
SR 1150 (SRX 1PDH)	7.1	7.1	5.5	6.3	6.3	6.0	7.1	5.9	5.0	6.3	5.8	6.1	5.2	6.3	5.5	7.0	6.3	5.9	6.2
PRINCEVILLE	7.0	7.3	5.2	6.0	6.8	6.3	7.0	5.8	5.9	5.0	6.0	6.2	4.1	6.7	5.4	7.0	6.5	6.1	6.1
BARDOT	7.3	7.4	4.6	.	6.7	5.3	6.9	5.3	5.8	3.7	6.5	6.3	3.6	6.9	5.4	6.6	6.5	7.7	6.0
SEASIDE	6.4	6.3	4.4	4.7	6.8	6.0	5.4	4.8	5.1	3.3	5.3	5.7	2.8	6.2	3.9	6.1	5.9	5.9	5.2
LSD VALUE	1.1	1.1	1.1	1.8	1.0	0.9	1.1	0.9	1.7	1.2	1.1	1.1	1.3	0.8	1.2	0.7	1.0	0.8	0.3
C.V. (%)	10.1	8.9	11.6	16.3	9.7	8.3	9.4	9.6	18.0	13.2	10.5	10.4	15.5	7.0	11.7	5.6	8.6	6.6	10.7

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

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

TABLE 9B. GENETIC COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	IA1	IL1	IL3	IN1	KS1	KY1	MA1	MI1	MN1	ND1	NE1	NJ1	OK1	PA1	QE1	VA1	WA1	MEAN
T-1	7.8	8.2	7.8	8.3	7.3	8.3	7.9	5.9	6.7	8.2	6.3	7.7	7.6	7.8	8.4	7.8	7.9	8.2	7.6
SR 1119	7.1	7.9	6.8	7.0	7.2	7.3	7.9	6.3	5.7	7.9	6.5	7.4	6.4	8.1	7.7	7.8	7.1	7.3	7.2
KINGPIN (9200)	6.7	8.0	7.1	7.3	7.2	8.0	7.6	5.8	6.1	7.6	6.8	7.3	7.4	7.8	6.7	7.8	7.0	7.4	7.2
ALPHA	7.2	7.9	6.6	6.7	7.3	7.3	7.2	5.7	6.8	7.5	6.8	7.3	6.3	7.4	7.3	7.8	7.3	7.3	7.1
LS-44	6.8	7.9	6.4	8.0	7.4	7.0	7.8	5.9	6.1	7.0	6.7	7.1	6.0	6.8	7.3	7.5	7.6	7.0	7.0
PENNLINKS II	7.0	7.6	6.3	8.0	7.1	6.3	7.4	5.8	5.3	6.9	6.7	7.2	6.1	8.0	7.3	7.3	7.3	7.2	6.9
CRYSTAL BLUELINKS (PST-OEB)	7.2	8.2	6.2	7.3	6.8	6.3	7.4	5.7	5.8	6.9	6.5	6.9	6.1	7.8	6.8	7.5	6.8	7.2	6.8
L-93	7.1	7.5	6.2	6.7	6.9	6.7	7.6	5.8	6.7	6.2	6.3	7.2	5.7	7.7	6.7	7.3	7.5	6.8	6.8
BENGAL	7.2	7.8	6.3	7.3	7.3	7.0	7.3	5.9	6.0	6.0	6.3	6.8	5.6	7.2	6.3	7.5	7.2	7.0	6.7
PENNEAGLE II	7.1	7.9	6.3	7.7	6.9	7.3	7.4	5.6	5.8	6.2	6.3	6.1	5.6	7.1	6.8	7.3	7.0	7.2	6.7
INDEPENDENCE	7.3	7.7	6.0	7.0	6.3	6.3	7.6	5.8	6.8	6.7	6.0	6.9	5.8	6.7	6.1	7.3	6.8	6.9	6.6
13-M	7.1	7.4	6.3	6.3	7.0	6.7	7.6	5.9	6.2	5.7	6.2	7.1	5.9	7.0	5.6	7.1	7.8	6.9	6.6
DECLARATION	7.0	7.7	6.0	7.0	6.3	6.7	7.6	5.9	6.2	6.2	5.7	6.7	6.1	7.0	6.2	6.9	7.2	7.3	6.6
SHARK (23R)	6.8	7.5	6.0	6.3	6.8	6.7	7.7	6.1	5.2	5.8	5.8	7.3	5.3	6.8	5.3	7.3	7.3	7.0	6.5
AUTHORITY (235050)	7.1	7.4	6.1	7.0	6.7	6.7	7.4	5.9	6.2	5.8	5.8	6.7	5.5	6.4	5.5	7.3	6.9	7.2	6.5
MACKENZIE (SRX 1GPD)	7.0	7.4	6.3	6.7	6.6	6.7	7.2	6.1	5.2	5.8	6.0	6.9	5.7	6.0	5.5	7.1	7.2	6.9	6.4
PENNCROSS	6.8	7.8	5.5	6.7	7.3	6.7	6.4	5.8	5.9	6.3	6.5	6.6	4.9	6.4	6.3	6.8	6.9	7.0	6.4
RUNNER (IS-AP 14)	6.9	7.3	5.3	6.7	6.5	6.0	6.4	5.9	6.3	5.5	6.2	6.3	5.3	6.3	5.2	7.1	7.5	6.8	6.3
SR 1150 (SRX 1PDH)	7.1	7.1	5.5	6.3	6.3	6.0	7.1	5.9	5.0	6.3	5.8	6.1	5.2	6.3	5.5	7.0	6.3	5.9	6.2
PRINCEVILLE	7.0	7.3	5.2	6.0	6.8	6.3	7.0	5.8	5.9	5.0	6.0	6.2	4.1	6.7	5.4	7.0	6.5	6.1	6.1
SEASIDE	6.4	6.3	4.4	4.7	6.8	6.0	5.4	4.8	5.1	3.3	5.3	5.7	2.8	6.2	3.9	6.1	5.9	5.9	5.2
LSD VALUE	1.1	1.1	1.1	1.8	1.0	0.9	1.0	0.9	1.7	1.3	1.1	1.1	1.3	0.8	1.2	0.6	1.1	0.8	0.3
C.V. (%)	10.1	8.9	11.2	16.3	9.5	7.9	8.8	9.7	17.9	12.6	10.7	10.3	14.9	6.9	12.1	5.1	9.4	7.1	10.8

TABLE 9C. GENETIC COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	IA1	IL1	IN1	KS1	KY1	MA1	MI1	MN1	ND1	NE1	NJ1	OK1	PA1	QE1	VA1	WA1	MEAN
PST-9VN	7.4	7.3	5.9	7.0	5.0	7.3	6.0	5.6	4.5	7.3	7.1	4.8	8.1	7.6	7.6	6.9	7.9	6.7
SR 7150	7.4	7.8	5.8	6.8	5.3	7.9	5.6	5.9	4.8	6.2	7.6	4.3	7.6	7.3	7.5	6.9	8.1	6.6
PST-9NBC	7.3	7.4	5.3	6.8	5.3	7.6	5.6	6.0	4.5	6.7	6.8	4.6	7.4	6.3	7.5	6.8	8.0	6.4
GREENTIME (IS-AT 7)	7.3	7.6	5.6	7.2	5.3	7.3	5.5	6.0	4.2	6.3	7.2	4.6	7.3	5.8	7.3	7.0	8.0	6.4
EWTR	7.7	7.6	4.6	6.7	5.3	7.6	5.6	6.0	4.0	7.2	6.7	3.9	7.6	6.2	7.5	6.8	7.8	6.3
TIGER II	7.1	7.3	4.8	6.6	5.3	7.2	5.5	5.9	4.0	6.3	6.9	4.3	7.7	6.1	7.0	6.8	7.8	6.2
BARDOT	7.3	7.4	4.6	6.7	5.3	6.9	5.3	5.8	3.7	6.5	6.3	3.6	6.9	5.4	6.6	6.5	7.7	6.0
LSD VALUE	1.2	1.1	1.1	1.0	0.9	1.3	0.8	1.6	1.0	1.0	1.2	1.1	0.9	1.1	0.8	0.6	0.7	0.3
C.V. (%)	9.9	8.9	12.9	10.0	10.1	11.0	9.2	19.6	15.0	9.6	10.6	17.8	7.3	10.4	6.6	5.7	5.3	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.

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE 10A.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IA1	IL1	IL3	IN1	KY1	MA1	MI1	MN1	ND1	NE1	NJ1	NY1	PA1	QE1	VA1	WA1	MEAN
PST-9NBC	5.9	4.9	6.0	7.5	7.7	6.4	5.8	5.7	4.9	6.9	5.5	6.7	7.1	6.4	8.0	6.7	6.3
BARDOT	6.2	5.3	6.4	7.0	7.7	6.8	5.8	4.7	4.8	7.3	3.0	7.0	6.7	6.1	7.8	6.7	6.2
SR 7150	6.2	5.5	6.1	7.5	5.7	6.1	5.9	4.7	4.2	7.1	3.0	7.3	6.6	5.9	8.1	7.0	6.2
PST-9VN	6.6	4.0	6.7	7.8	6.0	6.6	5.6	5.0	5.3	6.9	3.3	7.3	6.7	6.1	8.6	6.3	6.2
TIGER II	6.6	5.4	5.7	6.7	6.3	6.2	5.7	4.9	4.6	7.1	2.5	7.0	7.1	6.4	8.3	6.7	6.1
GREENTIME (IS-AT 7)	6.7	5.7	5.8	6.4	5.3	6.1	5.7	5.1	4.7	7.1	2.8	7.0	6.8	6.6	7.9	7.7	6.1
EWTR	6.2	5.7	5.4	6.4	5.7	6.0	5.6	4.3	5.0	6.7	2.8	7.7	6.7	6.8	7.9	6.7	6.1
KINGPIN (9200)	6.1	5.4	6.9	6.3	5.0	5.0	5.9	4.8	3.9	5.8	7.8	6.7	6.9	3.9	7.7	6.0	5.9
T-1	5.8	5.5	6.3	6.5	4.7	4.8	7.0	4.6	3.3	5.7	5.5	7.0	7.4	4.6	7.7	7.0	5.9
LS-44	7.2	5.4	6.3	6.3	7.0	4.8	6.3	5.1	3.9	5.4	4.7	6.7	7.3	4.2	8.0	5.7	5.8
CRYSTAL BLUELINKS (PST-OEB)	6.3	5.5	6.3	6.3	4.7	4.4	6.1	5.6	3.4	6.9	4.3	7.3	6.7	4.1	7.7	6.7	5.8
ALPHA	6.2	5.3	6.1	6.5	5.0	5.0	6.5	5.0	3.3	5.7	5.2	6.3	6.3	4.1	7.8	6.0	5.8
BENGAL	6.0	5.3	6.0	6.5	5.3	4.8	6.2	5.9	3.3	6.0	5.3	6.3	6.2	4.7	7.3	5.7	5.7
L-93	6.9	5.3	6.3	6.3	6.3	4.4	6.6	4.9	3.9	5.4	4.0	6.7	6.8	4.0	7.7	5.3	5.7
SR 1119	6.1	5.3	6.4	6.0	4.0	4.4	6.3	5.7	4.0	5.3	3.2	7.0	6.8	4.3	8.1	6.0	5.7
PENNEAGLE II	6.7	5.8	5.9	6.6	4.3	4.1	6.1	4.8	4.1	5.8	4.5	6.3	6.4	4.0	7.7	6.3	5.7
13-M	6.2	5.8	6.3	6.3	5.3	4.1	5.9	4.6	4.0	5.8	5.3	6.0	6.9	4.1	7.7	5.3	5.7
PENNLINKS II	6.3	5.0	5.8	6.3	6.7	4.4	5.8	5.3	4.1	6.3	3.2	7.0	6.7	3.8	8.1	6.0	5.7
MACKENZIE (SRX 1GPD)	5.9	5.3	6.1	6.2	4.3	4.2	6.1	4.3	3.3	5.8	7.0	7.0	5.0	3.7	7.4	6.7	5.6
INDEPENDENCE	5.6	5.4	5.9	5.6	5.0	4.4	6.5	4.9	3.7	4.7	5.0	7.3	5.8	3.8	7.6	6.0	5.5
PENNCROSS	5.3	5.0	4.9	7.1	8.3	4.7	6.2	6.7	4.7	5.0	1.5	7.0	6.1	4.1	7.4	5.7	5.5
DECLARATION	5.2	5.2	6.3	5.5	3.7	3.8	6.3	4.3	3.4	6.2	6.3	6.3	6.8	4.2	7.2	5.3	5.5
PRINCEVILLE	6.3	5.2	5.8	6.1	6.0	4.7	5.8	5.1	4.2	5.3	3.5	6.3	6.2	3.9	7.3	5.7	5.4
RUNNER (IS-AP 14)	5.2	6.0	6.3	5.8	2.3	4.4	6.3	4.1	3.7	5.1	5.7	7.0	6.1	3.9	6.7	6.3	5.4
SHARK (23R)	5.9	5.6	5.6	5.8	3.7	4.1	5.7	4.6	3.0	5.6	5.5	7.3	5.7	3.7	7.2	5.3	5.4
SR 1150 (SRX 1PDH)	5.8	5.4	5.4	5.8	3.3	4.2	5.7	3.8	3.7	5.3	5.5	7.7	5.3	3.6	6.8	6.7	5.3
AUTHORITY (235050)	5.6	4.8	6.0	5.7	4.7	4.2	6.0	4.3	2.9	5.2	5.7	6.7	5.9	3.8	7.1	5.0	5.3
SEASIDE	6.6	4.8	5.3	5.1	6.3	5.4	5.8	5.7	5.0	5.6	1.5	6.7	5.4	2.4	6.1	5.3	5.0
LSD VALUE	1.4	1.4	1.5	1.3	2.1	1.5	1.1	1.7	1.2	1.0	1.8	0.7	1.2	0.9	1.0	1.1	0.4
C.V. (%)	14.2	16.5	15.5	12.6	24.4	19.2	11.1	21.8	18.7	11.8	26.3	6.7	12.0	12.7	8.2	11.0	14.2

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

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

TABLE 10B. SPRING GREENUP RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IA1	IL1	IL3	IN1	KY1	MA1	MI1	MN1	ND1	NE1	NJ1	NY1	PA1	QE1	VA1	WA1	MEAN
KINGPIN (9200)	6.1	5.4	6.9	6.3	5.0	5.0	5.9	4.8	3.9	5.8	7.8	6.7	6.9	3.9	7.7	6.0	5.9
T-1	5.8	5.5	6.3	6.5	4.7	4.8	7.0	4.6	3.3	5.7	5.5	7.0	7.4	4.6	7.7	7.0	5.9
LS-44	7.2	5.4	6.3	6.3	7.0	4.8	6.3	5.1	3.9	5.4	4.7	6.7	7.3	4.2	8.0	5.7	5.8
CRYSTAL BLUELINKS (PST-OEB)	6.3	5.5	6.3	6.3	4.7	4.4	6.1	5.6	3.4	6.9	4.3	7.3	6.7	4.1	7.7	6.7	5.8
ALPHA	6.2	5.3	6.1	6.5	5.0	5.0	6.5	5.0	3.3	5.7	5.2	6.3	6.3	4.1	7.8	6.0	5.8
BENGAL	6.0	5.3	6.0	6.5	5.3	4.8	6.2	5.9	3.3	6.0	5.3	6.3	6.2	4.7	7.3	5.7	5.7
L-93	6.9	5.3	6.3	6.3	6.3	4.4	6.6	4.9	3.9	5.4	4.0	6.7	6.8	4.0	7.7	5.3	5.7
SR 1119	6.1	5.3	6.4	6.0	4.0	4.4	6.3	5.7	4.0	5.3	3.2	7.0	6.8	4.3	8.1	6.0	5.7
PENNEAGLE II	6.7	5.8	5.9	6.6	4.3	4.1	6.1	4.8	4.1	5.8	4.5	6.3	6.4	4.0	7.7	6.3	5.7
13-M	6.2	5.8	6.3	6.3	5.3	4.1	5.9	4.6	4.0	5.8	5.3	6.0	6.9	4.1	7.7	5.3	5.7
PENNLINKS II	6.3	5.0	5.8	6.3	6.7	4.4	5.8	5.3	4.1	6.3	3.2	7.0	6.7	3.8	8.1	6.0	5.7
MACKENZIE (SRX 1GPD)	5.9	5.3	6.1	6.2	4.3	4.2	6.1	4.3	3.3	5.8	7.0	7.0	5.0	3.7	7.4	6.7	5.6
INDEPENDENCE	5.6	5.4	5.9	5.6	5.0	4.4	6.5	4.9	3.7	4.7	5.0	7.3	5.8	3.8	7.6	6.0	5.5
PENNCROSS	5.3	5.0	4.9	7.1	8.3	4.7	6.2	6.7	4.7	5.0	1.5	7.0	6.1	4.1	7.4	5.7	5.5
DECLARATION	5.2	5.2	6.3	5.5	3.7	3.8	6.3	4.3	3.4	6.2	6.3	6.3	6.8	4.2	7.2	5.3	5.5
PRINCEVILLE	6.3	5.2	5.8	6.1	6.0	4.7	5.8	5.1	4.2	5.3	3.5	6.3	6.2	3.9	7.3	5.7	5.4
RUNNER (IS-AP 14)	5.2	6.0	6.3	5.8	2.3	4.4	6.3	4.1	3.7	5.1	5.7	7.0	6.1	3.9	6.7	6.3	5.4
SHARK (23R)	5.9	5.6	5.6	5.8	3.7	4.1	5.7	4.6	3.0	5.6	5.5	7.3	5.7	3.7	7.2	5.3	5.4
SR 1150 (SRX 1PDH)	5.8	5.4	5.4	5.8	3.3	4.2	5.7	3.8	3.7	5.3	5.5	7.7	5.3	3.6	6.8	6.7	5.3
AUTHORITY (235050)	5.6	4.8	6.0	5.7	4.7	4.2	6.0	4.3	2.9	5.2	5.7	6.7	5.9	3.8	7.1	5.0	5.3
SEASIDE	6.6	4.8	5.3	5.1	6.3	5.4	5.8	5.7	5.0	5.6	1.5	6.7	5.4	2.4	6.1	5.3	5.0
LSD VALUE	1.4	1.4	1.6	1.3	2.1	1.6	1.1	1.7	1.3	1.1	1.9	0.8	1.2	0.9	1.0	1.1	0.4
C.V. (%)	14.3	16.4	16.2	14.2	25.9	22.3	11.4	21.9	22.0	14.1	24.8	6.9	12.4	14.8	8.8	11.5	15.0

TABLE 10C. SPRING GREENUP RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IA1	IL1	IL3	IN1	KY1	MA1	MI1	MN1	ND1	NE1	NJ1	NY1	PA1	QE1	VA1	WA1	MEAN
PST-9NBC	5.9	4.9	6.0	7.5	7.7	6.4	5.8	5.7	4.9	6.9	5.5	6.7	7.1	6.4	8.0	6.7	6.3
BARDOT	6.2	5.3	6.4	7.0	7.7	6.8	5.8	4.7	4.8	7.3	3.0	7.0	6.7	6.1	7.8	6.7	6.2
SR 7150	6.2	5.5	6.1	7.5	5.7	6.1	5.9	4.7	4.2	7.1	3.0	7.3	6.6	5.9	8.1	7.0	6.2
PST-9VN	6.6	4.0	6.7	7.8	6.0	6.6	5.6	5.0	5.3	6.9	3.3	7.3	6.7	6.1	8.6	6.3	6.2
TIGER II	6.6	5.4	5.7	6.7	6.3	6.2	5.7	4.9	4.6	7.1	2.5	7.0	7.1	6.4	8.3	6.7	6.1
GREENTIME (IS-AT 7)	6.7	5.7	5.8	6.4	5.3	6.1	5.7	5.1	4.7	7.1	2.8	7.0	6.8	6.6	7.9	7.7	6.1
EWTR	6.2	5.7	5.4	6.4	5.7	6.0	5.6	4.3	5.0	6.7	2.8	7.7	6.7	6.8	7.9	6.7	6.1
LSD VALUE	1.3	1.4	1.0	0.8	2.1	1.2	0.7	1.7	0.9	0.7	1.8	0.7	1.2	0.8	0.9	1.1	0.3
C.V. (%)	13.3	16.3	10.7	7.4	20.7	12.9	8.2	21.3	11.9	6.6	34.9	6.1	11.0	8.2	6.6	9.6	11.6

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

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

TABLE 11A.

LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	IA1	MI1	ND1	NJ1	NY1	OK1	QE1	MEAN
SHARK (23R)	8.5	7.7	6.9	5.7	6.8	7.0	7.7	7.3	7.3
AUTHORITY (235050)	8.0	7.4	6.9	4.3	7.2	6.3	8.0	7.4	7.2
MACKENZIE (SRX 1GPD)	8.2	7.7	6.7	5.0	7.3	6.0	7.7	7.2	7.2
RUNNER (IS-AP 14)	8.2	7.1	6.7	6.0	7.0	6.7	7.7	7.3	7.1
T-1	7.8	6.8	6.8	5.3	6.8	7.0	7.7	7.4	7.0
13-M	7.8	6.9	6.8	5.3	6.7	6.0	7.3	7.2	7.0
DECLARATION	7.7	6.8	6.9	5.7	7.2	5.7	7.7	7.1	6.9
CRYSTAL BLUELINKS (PST-OEB)	7.7	6.5	6.5	6.0	6.7	6.3	8.0	7.3	6.9
PENNEAGLE II	7.7	7.2	6.5	5.7	6.5	6.0	8.0	7.0	6.9
INDEPENDENCE	7.8	6.8	6.5	5.0	6.5	6.0	8.0	7.3	6.8
KINGPIN (9200)	7.8	6.3	6.5	5.0	6.8	6.3	8.0	7.3	6.8
BENGAL	7.8	7.3	6.1	5.3	5.8	6.0	7.7	7.2	6.8
GREENTIME (IS-AT 7)	8.2	6.4	6.3	6.3	6.0	6.7	6.3	7.6	6.8
SR 1150 (SRX 1PDH)	7.8	6.4	6.3	5.3	6.8	7.0	7.3	7.1	6.7
L-93	7.3	6.9	6.4	5.3	5.7	6.3	7.3	6.9	6.7
ALPHA	7.8	6.8	6.1	5.0	5.8	6.0	7.7	7.3	6.7
SR 1119	7.8	6.7	5.8	5.7	5.8	6.3	7.7	7.3	6.6
EWTR	7.2	6.7	5.3	6.0	6.3	7.0	6.7	7.5	6.6
BARDOT	7.5	6.6	5.0	5.7	6.2	7.0	7.7	7.5	6.6
SR 7150	7.7	6.7	5.3	5.7	5.5	7.0	6.7	7.6	6.5
LS-44	7.0	6.8	5.5	5.3	6.3	6.7	7.7	7.2	6.5
TIGER II	8.0	5.9	5.8	5.3	6.2	5.7	7.3	7.5	6.5
PENNLINKS II	7.7	6.3	5.3	5.7	5.3	6.7	7.0	7.1	6.4
PST-9NBC	7.3	5.8	5.3	6.0	6.3	6.0	6.7	7.5	6.4
PST-9VN	7.8	6.3	5.0	5.7	5.2	7.3	6.3	6.9	6.3
PRINCEVILLE	7.0	6.3	5.1	5.3	4.5	7.0	6.7	6.8	6.1
PENNCROSS	7.0	6.0	4.9	5.3	4.7	6.3	6.7	6.9	6.0
SEASIDE	6.0	5.5	4.4	4.3	2.5	6.0	5.0	6.2	5.3
LSD VALUE	0.8	1.5	1.1	1.2	1.1	0.6	0.9	0.5	0.5
C.V. (%)	6.8	13.7	12.5	13.7	11.2	6.1	7.8	4.8	10.3

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 11B. LEAF TEXTURE RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/									
NAME	CA7	IA1	MI1	ND1	NJ1	NY1	OK1	QE1	MEAN
SHARK (23R)	8.5	7.7	6.9	5.7	6.8	7.0	7.7	7.3	7.3
AUTHORITY (235050)	8.0	7.4	6.9	4.3	7.2	6.3	8.0	7.4	7.2
MACKENZIE (SRX 1GPD)	8.2	7.7	6.7	5.0	7.3	6.0	7.7	7.2	7.2
RUNNER (IS-AP 14)	8.2	7.1	6.7	6.0	7.0	6.7	7.7	7.3	7.1
T-1	7.8	6.8	6.8	5.3	6.8	7.0	7.7	7.4	7.0
13-M	7.8	6.9	6.8	5.3	6.7	6.0	7.3	7.2	7.0
DECLARATION	7.7	6.8	6.9	5.7	7.2	5.7	7.7	7.1	6.9
CRYSTAL BLUELINKS (PST-OEB)	7.7	6.5	6.5	6.0	6.7	6.3	8.0	7.3	6.9
PENNEAGLE II	7.7	7.2	6.5	5.7	6.5	6.0	8.0	7.0	6.9
INDEPENDENCE	7.8	6.8	6.5	5.0	6.5	6.0	8.0	7.3	6.8
KINGPIN (9200)	7.8	6.3	6.5	5.0	6.8	6.3	8.0	7.3	6.8
BENGAL	7.8	7.3	6.1	5.3	5.8	6.0	7.7	7.2	6.8
SR 1150 (SRX 1PDH)	7.8	6.4	6.3	5.3	6.8	7.0	7.3	7.1	6.7
L-93	7.3	6.9	6.4	5.3	5.7	6.3	7.3	6.9	6.7
ALPHA	7.8	6.8	6.1	5.0	5.8	6.0	7.7	7.3	6.7
SR 1119	7.8	6.7	5.8	5.7	5.8	6.3	7.7	7.3	6.6
LS-44	7.0	6.8	5.5	5.3	6.3	6.7	7.7	7.2	6.5
PENNLINKS II	7.7	6.3	5.3	5.7	5.3	6.7	7.0	7.1	6.4
PRINCEVILLE	7.0	6.3	5.1	5.3	4.5	7.0	6.7	6.8	6.1
PENNCROSS	7.0	6.0	4.9	5.3	4.7	6.3	6.7	6.9	6.0
SEASIDE	6.0	5.5	4.4	4.3	2.5	6.0	5.0	6.2	5.3
LSD VALUE	0.8	1.5	1.0	1.1	1.1	0.6	0.8	0.5	0.5
C.V. (%)	6.2	13.4	10.7	13.0	11.2	6.3	6.3	4.6	9.7

TABLE 11C. LEAF TEXTURE RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/									
NAME	CA7	IA1	MI1	ND1	NJ1	NY1	OK1	QE1	MEAN
GREENTIME (IS-AT 7)	8.2	6.4	6.3	6.3	6.0	6.7	6.3	7.6	6.8
EWTR	7.2	6.7	5.3	6.0	6.3	7.0	6.7	7.5	6.6
BARDOT	7.5	6.6	5.0	5.7	6.2	7.0	7.7	7.5	6.6
SR 7150	7.7	6.7	5.3	5.7	5.5	7.0	6.7	7.6	6.5
TIGER II	8.0	5.9	5.8	5.3	6.2	5.7	7.3	7.5	6.5
PST-9NBC	7.3	5.8	5.3	6.0	6.3	6.0	6.7	7.5	6.4
PST-9VN	7.8	6.3	5.0	5.7	5.2	7.3	6.3	6.9	6.3
LSD VALUE	1.0	1.5	1.4	1.4	1.0	0.6	1.3	0.6	0.6
C.V. (%)	8.2	14.7	18.9	15.5	11.0	5.7	11.6	5.1	11.8

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

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

TABLE 12A.

SEEDLING VIGOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	KY1	MA1	MI1	ND1	NY1	OK1	PA1	QE1	MEAN
SEASIDE	8.7	7.3	7.0	7.3	7.0	7.7	7.3	6.7	7.4
PENNCROSS	7.7	7.0	7.3	7.3	8.0	5.0	7.7	8.0	7.3
PRINCEVILLE	8.0	7.3	7.0	6.0	7.3	6.7	7.3	7.7	7.2
RUNNER (IS-AP 14)	7.7	7.3	7.0	6.3	7.0	6.7	7.0	7.7	7.1
T-1	7.0	7.7	7.3	6.7	7.0	4.7	7.7	7.3	6.9
GREENTIME (IS-AT 7)	7.0	7.7	7.0	6.7	8.0	4.0	7.0	7.3	6.8
LS-44	6.3	7.7	7.3	5.7	7.7	5.7	6.7	7.3	6.8
CRYSTAL BLUELINKS (PST-OEB)	7.0	6.7	7.0	6.3	8.0	5.7	6.3	7.0	6.8
AUTHORITY (235050)	6.7	6.3	7.0	7.0	7.7	5.7	6.0	7.0	6.7
SHARK (23R)	6.7	5.3	7.0	6.3	7.7	5.7	7.0	7.0	6.6
TIGER II	5.7	7.3	7.3	6.3	7.7	5.3	6.3	6.7	6.6
PENNEAGLE II	6.3	6.3	7.0	6.0	7.0	6.0	6.3	7.0	6.5
PENNLINKS II	7.0	6.7	7.0	6.3	7.0	4.3	6.7	7.0	6.5
DECLARATION	7.7	7.0	7.0	6.0	7.0	4.0	6.0	6.7	6.4
ALPHA	6.7	7.0	7.0	6.3	6.7	4.3	6.7	6.7	6.4
L-93	7.3	7.3	7.0	6.7	7.0	6.0	7.7	2.3	6.4
EWTR	6.0	7.7	7.0	6.7	8.0	2.7	5.3	7.7	6.4
PST-9NBC	7.7	6.0	7.0	6.3	7.3	3.3	6.7	6.7	6.4
BENGAL	5.7	7.0	7.3	5.3	7.0	5.3	6.7	6.7	6.4
INDEPENDENCE	6.3	6.0	7.3	6.3	7.7	4.0	6.7	6.7	6.4
PST-9VN	6.7	7.0	7.0	6.0	8.0	3.0	6.3	6.7	6.3
13-M	5.7	7.3	6.0	6.3	6.3	5.7	6.7	6.3	6.3
SR 1150 (SRX 1PDH)	6.0	5.3	7.3	5.7	8.0	3.7	6.3	7.0	6.2
SR 7150	5.3	6.7	7.0	6.0	8.0	3.3	6.0	6.3	6.1
BARDOT	3.3	7.3	7.0	6.0	7.7	4.7	6.0	6.7	6.1
MACKENZIE (SRX 1GPD)	6.0	4.3	7.0	6.0	7.7	4.7	5.3	6.7	6.0
KINGPIN (9200)	6.0	3.0	7.0	5.7	7.3	4.0	4.7	6.3	5.5
SR 1119	4.7	2.3	7.7	5.0	7.3	4.7	5.3	6.7	5.5
LSD VALUE	1.3	1.7	0.7	0.8	0.6	3.0	1.3	1.2	0.5
C.V. (%)	12.7	16.1	6.4	8.2	5.3	38.4	12.4	11.2	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 12B. SEEDLING VIGOR RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
NAME	KY1	MA1	MI1	ND1	NY1	OK1	PA1	QE1	MEAN
SEASIDE	8.7	7.3	7.0	7.3	7.0	7.7	7.3	6.7	7.4
PENNCROSS	7.7	7.0	7.3	7.3	8.0	5.0	7.7	8.0	7.3
PRINCEVILLE	8.0	7.3	7.0	6.0	7.3	6.7	7.3	7.7	7.2
RUNNER (IS-AP 14)	7.7	7.3	7.0	6.3	7.0	6.7	7.0	7.7	7.1
T-1	7.0	7.7	7.3	6.7	7.0	4.7	7.7	7.3	6.9
LS-44	6.3	7.7	7.3	5.7	7.7	5.7	6.7	7.3	6.8
CRYSTAL BLUELINKS (PST-OEB)	7.0	6.7	7.0	6.3	8.0	5.7	6.3	7.0	6.8
AUTHORITY (235050)	6.7	6.3	7.0	7.0	7.7	5.7	6.0	7.0	6.7
SHARK (23R)	6.7	5.3	7.0	6.3	7.7	5.7	7.0	7.0	6.6
PENNEAGLE II	6.3	6.3	7.0	6.0	7.0	6.0	6.3	7.0	6.5
PENNLINKS II	7.0	6.7	7.0	6.3	7.0	4.3	6.7	7.0	6.5
DECLARATION	7.7	7.0	7.0	6.0	7.0	4.0	6.0	6.7	6.4
ALPHA	6.7	7.0	7.0	6.3	6.7	4.3	6.7	6.7	6.4
L-93	7.3	7.3	7.0	6.7	7.0	6.0	7.7	2.3	6.4
BENGAL	5.7	7.0	7.3	5.3	7.0	5.3	6.7	6.7	6.4
INDEPENDENCE	6.3	6.0	7.3	6.3	7.7	4.0	6.7	6.7	6.4
13-M	5.7	7.3	6.0	6.3	6.3	5.7	6.7	6.3	6.3
SR 1150 (SRX 1PDH)	6.0	5.3	7.3	5.7	8.0	3.7	6.3	7.0	6.2
MACKENZIE (SRX 1GPD)	6.0	4.3	7.0	6.0	7.7	4.7	5.3	6.7	6.0
KINGPIN (9200)	6.0	3.0	7.0	5.7	7.3	4.0	4.7	6.3	5.5
SR 1119	4.7	2.3	7.7	5.0	7.3	4.7	5.3	6.7	5.5
LSD VALUE	1.2	1.6	0.8	0.9	0.6	3.1	1.2	1.2	0.5
C.V. (%)	11.6	15.9	7.1	8.6	5.5	36.8	11.3	11.5	14.5

TABLE 12C. SEEDLING VIGOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 2/									
NAME	KY1	MA1	MI1	ND1	NY1	OK1	PA1	QE1	MEAN
GREENTIME (IS-AT 7)	7.0	7.7	7.0	6.7	8.0	4.0	7.0	7.3	6.8
TIGER II	5.7	7.3	7.3	6.3	7.7	5.3	6.3	6.7	6.6
EWTR	6.0	7.7	7.0	6.7	8.0	2.7	5.3	7.7	6.4
PST-9NBC	7.7	6.0	7.0	6.3	7.3	3.3	6.7	6.7	6.4
PST-9VN	6.7	7.0	7.0	6.0	8.0	3.0	6.3	6.7	6.3
SR 7150	5.3	6.7	7.0	6.0	8.0	3.3	6.0	6.3	6.1
BARDOT	3.3	7.3	7.0	6.0	7.7	4.7	6.0	6.7	6.1
LSD VALUE	1.6	1.9	0.4	0.7	0.6	2.7	1.5	1.1	0.5
C.V. (%)	16.4	16.6	3.1	6.9	4.8	44.6	15.2	10.1	14.6

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

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

TABLE 13A. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	IN1	MI1	ND1	NE1	PA1	QE1	MEAN
MACKENZIE (SRX 1GPD)	8.3	8.3	7.1	5.2	8.0	9.0	7.3	7.3
SHARK (23R)	8.5	8.0	7.1	5.3	7.4	8.5	7.3	7.3
DECLARATION	8.0	7.7	6.8	5.4	7.4	7.7	7.2	7.1
RUNNER (IS-AP 14)	8.3	8.0	6.6	5.2	7.4	8.0	7.0	7.0
T-1	8.3	8.0	6.5	5.2	7.2	7.8	7.4	7.0
13-M	7.8	8.0	6.9	5.3	8.0	7.0	7.1	7.0
SR 1150 (SRX 1PDH)	8.0	8.0	6.8	5.0	7.4	8.2	7.1	7.0
PENNEAGLE II	8.2	7.7	6.6	5.3	8.1	7.0	7.2	7.0
KINGPIN (9200)	8.3	8.7	6.4	5.4	7.6	7.8	7.1	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.2	7.7	6.2	5.4	8.4	7.0	7.0	7.0
AUTHORITY (235050)	8.0	7.7	6.5	5.2	7.3	7.8	7.2	7.0
BENGAL	8.2	7.7	6.2	5.1	8.2	7.0	6.9	6.8
INDEPENDENCE	8.0	8.0	6.4	5.3	6.7	7.8	7.3	6.8
L-93	7.8	8.3	6.3	4.9	8.4	6.7	6.8	6.8
LS-44	8.2	8.0	6.3	5.4	7.6	6.3	6.8	6.7
SR 1119	8.0	7.7	5.8	5.4	8.3	6.3	7.1	6.7
ALPHA	7.3	7.7	5.9	5.2	7.2	7.2	7.0	6.6
GREENTIME (IS-AT 7)	8.2	6.3	4.8	5.3	8.1	7.3	7.4	6.6
SR 7150	8.2	5.7	4.5	5.8	7.9	7.2	7.4	6.5
PST-9NBC	7.3	5.3	4.3	5.6	8.3	7.2	7.6	6.4
BARDOT	7.8	6.7	4.2	5.3	8.2	6.8	7.6	6.4
PENNLINKS II	7.7	6.3	5.3	5.4	8.3	5.8	6.6	6.4
EWTR	7.3	6.0	4.5	5.7	8.2	6.5	7.6	6.4
PST-9VN	7.8	5.3	4.3	5.7	8.0	6.8	7.4	6.3
TIGER II	7.2	5.3	4.3	5.4	7.8	6.8	7.6	6.2
PENNCROSS	7.0	7.3	5.1	5.1	8.6	5.0	6.6	6.2
PRINCEVILLE	6.7	6.3	5.8	5.1	8.3	4.8	6.4	6.2
SEASIDE	6.7	4.0	4.3	5.3	7.3	3.0	4.4	5.2
LSD VALUE	0.9	0.9	1.1	1.2	1.1	0.9	0.7	0.5
C.V. (%)	6.8	8.1	12.5	13.4	9.0	7.8	6.6	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 13B. SPRING DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	IN1	MI1	ND1	NE1	PA1	QE1	MEAN
MACKENZIE (SRX 1GPD)	8.3	8.3	7.1	5.2	8.0	9.0	7.3	7.3
SHARK (23R)	8.5	8.0	7.1	5.3	7.4	8.5	7.3	7.3
DECLARATION	8.0	7.7	6.8	5.4	7.4	7.7	7.2	7.1
RUNNER (IS-AP 14)	8.3	8.0	6.6	5.2	7.4	8.0	7.0	7.0
T-1	8.3	8.0	6.5	5.2	7.2	7.8	7.4	7.0
13-M	7.8	8.0	6.9	5.3	8.0	7.0	7.1	7.0
SR 1150 (SRX 1PDH)	8.0	8.0	6.8	5.0	7.4	8.2	7.1	7.0
PENNEAGLE II	8.2	7.7	6.6	5.3	8.1	7.0	7.2	7.0
KINGPIN (9200)	8.3	8.7	6.4	5.4	7.6	7.8	7.1	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.2	7.7	6.2	5.4	8.4	7.0	7.0	7.0
AUTHORITY (235050)	8.0	7.7	6.5	5.2	7.3	7.8	7.2	7.0
BENGAL	8.2	7.7	6.2	5.1	8.2	7.0	6.9	6.8
INDEPENDENCE	8.0	8.0	6.4	5.3	6.7	7.8	7.3	6.8
L-93	7.8	8.3	6.3	4.9	8.4	6.7	6.8	6.8
LS-44	8.2	8.0	6.3	5.4	7.6	6.3	6.8	6.7
SR 1119	8.0	7.7	5.8	5.4	8.3	6.3	7.1	6.7
ALPHA	7.3	7.7	5.9	5.2	7.2	7.2	7.0	6.6
PENNLINKS II	7.7	6.3	5.3	5.4	8.3	5.8	6.6	6.4
PENNCROSS	7.0	7.3	5.1	5.1	8.6	5.0	6.6	6.2
PRINCEVILLE	6.7	6.3	5.8	5.1	8.3	4.8	6.4	6.2
SEASIDE	6.7	4.0	4.3	5.3	7.3	3.0	4.4	5.2
LSD VALUE	0.9	0.9	1.2	1.1	1.1	0.9	0.8	0.5
C.V. (%)	6.7	7.3	11.9	13.1	10.1	8.1	6.9	9.5

TABLE 13C. SPRING DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	IN1	MI1	ND1	NE1	PA1	QE1	MEAN
GREENTIME (IS-AT 7)	8.2	6.3	4.8	5.3	8.1	7.3	7.4	6.6
SR 7150	8.2	5.7	4.5	5.8	7.9	7.2	7.4	6.5
PST-9NBC	7.3	5.3	4.3	5.6	8.3	7.2	7.6	6.4
BARDOT	7.8	6.7	4.2	5.3	8.2	6.8	7.6	6.4
EWTR	7.3	6.0	4.5	5.7	8.2	6.5	7.6	6.4
PST-9VN	7.8	5.3	4.3	5.7	8.0	6.8	7.4	6.3
TIGER II	7.2	5.3	4.3	5.4	7.8	6.8	7.6	6.2
LSD VALUE	0.9	1.1	0.9	1.2	0.8	0.8	0.6	0.4
C.V. (%)	7.0	11.3	14.2	13.3	5.8	7.0	5.4	8.9

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

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

TABLE 14A. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
NAME	CA7	IL1	IL3	KY1	MA1	MI1	MN1	ND1	NE1	OK1	PA1	QE1	VA1	WA1	MEAN
DECLARATION	8.5	7.8	7.9	8.7	6.8	6.3	7.2	4.8	8.3	7.7	7.9	7.7	8.7	8.2	7.5
AUTHORITY (235050)	8.3	7.3	7.9	6.7	6.3	7.0	7.2	5.2	7.8	7.0	8.1	7.6	8.5	8.0	7.3
SHARK (23R)	8.3	7.8	7.7	7.0	6.4	6.8	6.8	4.7	8.0	6.9	8.4	7.5	8.2	8.0	7.2
SR 1150 (SRX 1PDH)	8.5	7.3	7.2	8.0	6.4	6.5	7.2	5.3	8.3	7.1	7.7	7.5	8.2	7.7	7.2
MACKENZIE (SRX 1GPD)	8.2	7.7	7.6	7.3	6.2	7.2	7.2	4.6	8.1	7.0	8.2	7.7	8.3	7.8	7.2
CRYSTAL BLUELINKS (PST-OEB)	8.3	7.4	7.0	7.0	6.4	6.3	7.3	5.6	8.6	7.7	6.9	7.3	7.8	7.7	7.2
13-M	8.3	7.5	7.2	7.7	6.4	6.8	7.3	5.0	8.3	6.8	7.3	7.3	8.2	7.5	7.2
KINGPIN (9200)	8.0	7.6	7.3	7.7	6.0	6.7	7.3	4.6	7.8	7.6	7.9	7.8	8.0	7.7	7.2
T-1	8.3	7.7	7.7	5.7	6.7	6.2	7.2	4.8	7.8	6.4	7.7	7.5	8.3	8.0	7.1
RUNNER (IS-AP 14)	8.2	7.2	7.8	6.0	5.9	6.7	6.8	5.2	7.8	7.1	7.7	7.7	8.2	7.8	7.1
PENNEAGLE II	8.2	6.9	7.3	6.3	6.5	6.5	7.7	5.2	8.1	7.4	6.7	7.4	7.8	7.7	7.1
ALPHA	8.2	7.2	6.9	6.0	6.6	6.3	7.0	5.2	7.6	7.6	7.0	7.3	8.3	8.0	7.0
LS-44	7.8	7.2	7.4	6.3	6.3	6.3	6.7	5.2	8.0	7.2	6.8	7.5	8.5	7.5	7.0
L-93	7.7	6.8	6.6	6.7	6.2	6.5	7.0	4.8	8.7	7.4	6.6	7.2	8.2	7.3	6.9
SR 1119	8.3	7.2	6.8	5.7	5.3	6.2	7.2	4.8	8.8	7.1	6.3	7.3	8.2	7.7	6.9
BENGAL	8.0	7.1	7.0	5.0	5.8	6.0	7.0	5.1	8.1	7.0	6.6	7.4	8.2	7.5	6.8
INDEPENDENCE	8.2	7.1	7.0	4.7	5.8	7.0	7.0	4.8	7.0	7.1	7.1	7.6	8.2	7.8	6.8
PENNLINKS II	8.0	5.9	6.8	5.7	5.9	4.8	6.5	5.3	8.5	6.4	5.4	7.2	8.2	7.2	6.5
EWTR	8.0	6.5	6.3	7.3	6.3	4.3	6.0	4.8	8.2	6.3	5.6	7.8	7.8	6.5	6.5
PST-9NBC	7.5	5.6	6.1	7.7	6.6	3.5	6.5	5.4	8.3	6.4	4.8	7.3	8.5	6.5	6.5
GREENTIME (IS-AT 7)	8.0	6.1	5.6	6.7	6.5	4.7	5.7	5.0	8.2	5.3	5.1	7.6	8.5	6.7	6.4
PRINCEVILLE	7.3	6.5	6.1	5.0	5.8	5.5	6.0	5.1	8.2	7.0	4.8	6.6	8.7	6.5	6.4
SR 7150	7.5	5.6	5.5	5.7	6.6	4.3	6.0	4.8	8.3	6.9	4.9	7.5	8.2	6.3	6.3
TIGER II	7.3	5.8	6.2	6.3	6.3	3.8	6.0	5.0	8.0	5.6	5.6	7.6	8.2	6.5	6.3
BARDOT	7.5	5.3	5.7	6.0	6.3	3.7	6.2	4.7	8.2	6.8	4.7	7.4	8.3	6.5	6.3
PENNCROSS	8.0	5.7	5.6	3.7	5.5	5.0	5.8	5.1	8.4	6.3	4.6	7.0	7.3	6.3	6.1
PST-9VN	8.0	5.0	5.5	6.0	6.5	3.7	5.2	5.2	8.2	5.3	4.4	7.3	7.7	6.7	6.1
SEASIDE	6.3	3.9	4.8	3.0	5.0	3.7	4.7	5.2	7.7	5.4	2.3	5.5	8.2	3.5	5.1
LSD VALUE	0.8	1.1	1.2	1.5	1.3	1.1	1.1	1.5	1.0	1.2	1.0	0.6	1.5	0.6	0.4
C.V. (%)	6.6	10.7	10.5	15.1	13.0	11.8	11.4	19.6	8.3	11.2	10.0	5.1	11.2	5.0	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 14B. SUMMER DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
NAME	CA7	IL1	IL3	KY1	MA1	MI1	MN1	ND1	NE1	OK1	PA1	QE1	VA1	WA1	MEAN
DECLARATION	8.5	7.8	7.9	8.7	6.8	6.3	7.2	4.8	8.3	7.7	7.9	7.7	8.7	8.2	7.5
AUTHORITY (235050)	8.3	7.3	7.9	6.7	6.3	7.0	7.2	5.2	7.8	7.0	8.1	7.6	8.5	8.0	7.3
SHARK (23R)	8.3	7.8	7.7	7.0	6.4	6.8	6.8	4.7	8.0	6.9	8.4	7.5	8.2	8.0	7.2
SR 1150 (SRX 1PDH)	8.5	7.3	7.2	8.0	6.4	6.5	7.2	5.3	8.3	7.1	7.7	7.5	8.2	7.7	7.2
MACKENZIE (SRX 1GPD)	8.2	7.7	7.6	7.3	6.2	7.2	7.2	4.6	8.1	7.0	8.2	7.7	8.3	7.8	7.2
CRYSTAL BLUELINKS (PST-OEB)	8.3	7.4	7.0	7.0	6.4	6.3	7.3	5.6	8.6	7.7	6.9	7.3	7.8	7.7	7.2
13-M	8.3	7.5	7.2	7.7	6.4	6.8	7.3	5.0	8.3	6.8	7.3	7.3	8.2	7.5	7.2
KINGPIN (9200)	8.0	7.6	7.3	7.7	6.0	6.7	7.3	4.6	7.8	7.6	7.9	7.8	8.0	7.7	7.2
T-1	8.3	7.7	7.7	5.7	6.7	6.2	7.2	4.8	7.8	6.4	7.7	7.5	8.3	8.0	7.1
RUNNER (IS-AP 14)	8.2	7.2	7.8	6.0	5.9	6.7	6.8	5.2	7.8	7.1	7.7	7.7	8.2	7.8	7.1
PENNEAGLE II	8.2	6.9	7.3	6.3	6.5	6.5	7.7	5.2	8.1	7.4	6.7	7.4	7.8	7.7	7.1
ALPHA	8.2	7.2	6.9	6.0	6.6	6.3	7.0	5.2	7.6	7.6	7.0	7.3	8.3	8.0	7.0
LS-44	7.8	7.2	7.4	6.3	6.3	6.3	6.7	5.2	8.0	7.2	6.8	7.5	8.5	7.5	7.0
L-93	7.7	6.8	6.6	6.7	6.2	6.5	7.0	4.8	8.7	7.4	6.6	7.2	8.2	7.3	6.9
SR 1119	8.3	7.2	6.8	5.7	5.3	6.2	7.2	4.8	8.8	7.1	6.3	7.3	8.2	7.7	6.9
BENGAL	8.0	7.1	7.0	5.0	5.8	6.0	7.0	5.1	8.1	7.0	6.6	7.4	8.2	7.5	6.8
INDEPENDENCE	8.2	7.1	7.0	4.7	5.8	7.0	7.0	4.8	7.0	7.1	7.1	7.6	8.2	7.8	6.8
PENNLINKS II	8.0	5.9	6.8	5.7	5.9	4.8	6.5	5.3	8.5	6.4	5.4	7.2	8.2	7.2	6.5
PRINCEVILLE	7.3	6.5	6.1	5.0	5.8	5.5	6.0	5.1	8.2	7.0	4.8	6.6	8.7	6.5	6.4
PENNCROSS	8.0	5.7	5.6	3.7	5.5	5.0	5.8	5.1	8.4	6.3	4.6	7.0	7.3	6.3	6.1
SEASIDE	6.3	3.9	4.8	3.0	5.0	3.7	4.7	5.2	7.7	5.4	2.3	5.5	8.2	3.5	5.1
LSD VALUE	0.7	1.1	1.1	1.4	1.4	1.0	1.1	1.5	1.1	1.1	1.0	0.5	1.5	0.6	0.4
C.V. (%)	5.7	10.2	9.9	13.8	13.9	9.9	10.7	19.6	9.2	9.4	9.0	4.3	11.1	5.2	10.5

TABLE 14C. SUMMER DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/															
NAME	CA7	IL1	IL3	KY1	MA1	MI1	MN1	ND1	NE1	OK1	PA1	QE1	VA1	WA1	MEAN
EWTR	8.0	6.5	6.3	7.3	6.3	4.3	6.0	4.8	8.2	6.3	5.6	7.8	7.8	6.5	6.5
PST-9NBC	7.5	5.6	6.1	7.7	6.6	3.5	6.5	5.4	8.3	6.4	4.8	7.3	8.5	6.5	6.5
GREENTIME (IS-AT 7)	8.0	6.1	5.6	6.7	6.5	4.7	5.7	5.0	8.2	5.3	5.1	7.6	8.5	6.7	6.4
SR 7150	7.5	5.6	5.5	5.7	6.6	4.3	6.0	4.8	8.3	6.9	4.9	7.5	8.2	6.3	6.3
TIGER II	7.3	5.8	6.2	6.3	6.3	3.8	6.0	5.0	8.0	5.6	5.6	7.6	8.2	6.5	6.3
BARDOT	7.5	5.3	5.7	6.0	6.3	3.7	6.2	4.7	8.2	6.8	4.7	7.4	8.3	6.5	6.3
PST-9VN	8.0	5.0	5.5	6.0	6.5	3.7	5.2	5.2	8.2	5.3	4.4	7.3	7.7	6.7	6.1
LSD VALUE	1.1	1.1	1.9	1.9	0.9	1.2	1.0	1.4	0.6	1.6	1.1	0.8	1.5	0.4	0.4
C.V. (%)	9.1	12.6	16.3	18.0	8.9	18.2	12.9	19.8	4.9	16.4	14.9	6.7	11.6	4.1	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 15A.

FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	MI1	MN1	ND1	NE1	NJ1	OK1	QE1	VA1	MEAN
SHARK (23R)	8.7	7.3	6.8	5.6	8.3	7.4	9.0	7.6	7.8	7.4
MACKENZIE (SRX 1GPD)	8.8	7.4	7.0	5.3	8.5	7.6	9.0	7.5	7.3	7.4
DECLARATION	8.8	7.5	6.0	5.6	8.7	7.4	8.7	7.6	7.0	7.4
AUTHORITY (235050)	8.5	7.3	6.3	5.7	8.2	7.4	8.7	7.8	7.7	7.4
13-M	8.5	6.8	6.8	5.7	8.7	7.1	9.0	7.3	7.5	7.3
KINGPIN (9200)	8.7	7.4	5.8	5.3	8.8	7.2	9.0	7.3	7.7	7.3
T-1	8.7	7.2	6.8	5.3	8.4	7.0	8.7	7.3	7.2	7.2
CRYSTAL BLUELINKS (PST-OEB)	8.5	6.6	6.5	5.8	8.8	6.6	8.7	7.3	7.5	7.2
RUNNER (IS-AP 14)	8.5	6.8	6.5	5.6	8.0	6.8	9.0	7.4	7.5	7.1
SR 1150 (SRX 1PDH)	8.5	6.4	6.0	5.4	8.7	6.8	8.7	7.3	7.5	7.1
LS-44	8.8	6.4	5.7	5.8	8.7	6.3	8.7	7.4	7.0	7.0
PENNEAGLE II	8.7	6.4	5.8	5.4	8.5	6.3	8.7	7.6	7.5	7.0
INDEPENDENCE	8.7	6.8	5.8	5.6	7.5	6.5	9.0	7.3	7.2	6.9
BENGAL	8.3	6.6	5.3	5.5	8.4	6.0	9.0	7.4	7.5	6.9
ALPHA	8.5	6.3	5.7	5.4	8.4	6.0	9.0	7.4	7.5	6.9
PST-9NBC	8.0	5.0	6.0	5.7	8.6	6.6	7.0	7.5	7.8	6.9
L-93	8.3	6.7	6.3	5.3	8.8	5.6	8.7	7.0	7.0	6.9
EWTR	8.2	5.3	5.7	5.8	8.5	6.3	7.7	7.7	7.0	6.8
GREENTIME (IS-AT 7)	8.2	5.1	5.8	5.7	8.4	6.5	7.0	7.5	7.5	6.8
BARDOT	8.3	4.9	5.5	6.0	8.5	6.0	8.0	7.3	6.8	6.7
SR 7150	8.5	5.2	6.2	5.6	8.2	5.7	7.0	7.7	7.2	6.7
TIGER II	7.8	5.1	5.7	5.8	7.9	6.1	6.3	7.6	7.3	6.6
SR 1119	8.5	5.8	4.5	5.4	8.3	5.4	8.3	7.4	7.2	6.6
PENNLINKS II	8.3	5.4	3.7	5.8	8.3	5.0	7.7	7.3	7.3	6.5
PST-9VN	8.0	4.9	4.8	5.6	8.3	5.5	6.7	7.3	7.3	6.4
PRINCEVILLE	7.8	5.3	4.2	5.7	8.0	4.4	7.7	6.9	7.0	6.2
PENNCROSS	7.7	5.3	2.8	5.4	8.3	3.5	6.7	7.0	6.8	6.0
SEASIDE	6.8	4.8	1.5	5.5	7.9	1.9	6.0	5.5	6.0	5.2
LSD VALUE	1.0	1.1	1.4	1.1	1.0	1.1	0.9	0.5	1.0	0.4
C.V. (%)	7.6	11.8	16.4	12.8	7.8	11.1	7.0	4.8	8.4	9.5

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

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

TABLE 15B. FALL DENSITY RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/										
NAME	CA7	MI1	MN1	ND1	NE1	NJ1	OK1	QE1	VA1	MEAN
SHARK (23R)	8.7	7.3	6.8	5.6	8.3	7.4	9.0	7.6	7.8	7.4
MACKENZIE (SRX 1GPD)	8.8	7.4	7.0	5.3	8.5	7.6	9.0	7.5	7.3	7.4
DECLARATION	8.8	7.5	6.0	5.6	8.7	7.4	8.7	7.6	7.0	7.4
AUTHORITY (235050)	8.5	7.3	6.3	5.7	8.2	7.4	8.7	7.8	7.7	7.4
13-M	8.5	6.8	6.8	5.7	8.7	7.1	9.0	7.3	7.5	7.3
KINGPIN (9200)	8.7	7.4	5.8	5.3	8.8	7.2	9.0	7.3	7.7	7.3
T-1	8.7	7.2	6.8	5.3	8.4	7.0	8.7	7.3	7.2	7.2
CRYSTAL BLUELINKS (PST-OEB)	8.5	6.6	6.5	5.8	8.8	6.6	8.7	7.3	7.5	7.2
RUNNER (IS-AP 14)	8.5	6.8	6.5	5.6	8.0	6.8	9.0	7.4	7.5	7.1
SR 1150 (SRX 1PDH)	8.5	6.4	6.0	5.4	8.7	6.8	8.7	7.3	7.5	7.1
LS-44	8.8	6.4	5.7	5.8	8.7	6.3	8.7	7.4	7.0	7.0
PENNEAGLE II	8.7	6.4	5.8	5.4	8.5	6.3	8.7	7.6	7.5	7.0
INDEPENDENCE	8.7	6.8	5.8	5.6	7.5	6.5	9.0	7.3	7.2	6.9
BENGAL	8.3	6.6	5.3	5.5	8.4	6.0	9.0	7.4	7.5	6.9
ALPHA	8.5	6.3	5.7	5.4	8.4	6.0	9.0	7.4	7.5	6.9
L-93	8.3	6.7	6.3	5.3	8.8	5.6	8.7	7.0	7.0	6.9
SR 1119	8.5	5.8	4.5	5.4	8.3	5.4	8.3	7.4	7.2	6.6
PENNLINKS II	8.3	5.4	3.7	5.8	8.3	5.0	7.7	7.3	7.3	6.5
PRINCEVILLE	7.8	5.3	4.2	5.7	8.0	4.4	7.7	6.9	7.0	6.2
PENNCROSS	7.7	5.3	2.8	5.4	8.3	3.5	6.7	7.0	6.8	6.0
SEASIDE	6.8	4.8	1.5	5.5	7.9	1.9	6.0	5.5	6.0	5.2
LSD VALUE	1.0	1.2	1.4	1.1	1.0	1.0	0.7	0.5	0.9	0.4
C.V. (%)	7.2	11.8	16.2	12.8	7.5	10.7	5.2	4.4	8.0	9.3

TABLE 15C. FALL DENSITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/										
NAME	CA7	MI1	MN1	ND1	NE1	NJ1	OK1	QE1	VA1	MEAN
PST-9NBC	8.0	5.0	6.0	5.7	8.6	6.6	7.0	7.5	7.8	6.9
EWTR	8.2	5.3	5.7	5.8	8.5	6.3	7.7	7.7	7.0	6.8
GREENTIME (IS-AT 7)	8.2	5.1	5.8	5.7	8.4	6.5	7.0	7.5	7.5	6.8
BARDOT	8.3	4.9	5.5	6.0	8.5	6.0	8.0	7.3	6.8	6.7
SR 7150	8.5	5.2	6.2	5.6	8.2	5.7	7.0	7.7	7.2	6.7
TIGER II	7.8	5.1	5.7	5.8	7.9	6.1	6.3	7.6	7.3	6.6
PST-9VN	8.0	4.9	4.8	5.6	8.3	5.5	6.7	7.3	7.3	6.4
LSD VALUE	1.1	0.6	1.5	1.1	1.1	1.2	1.4	0.6	1.1	0.4
C.V. (%)	8.7	8.7	16.6	12.5	8.0	12.3	11.9	5.4	8.8	10.1

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

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

TABLE 16A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/						
NAME	CA7	IL3	MI1	ND1	OK1	MEAN
LS-44	94.5	88.3	96.0	86.1	94.4	92.6
SR 1150 (SRX 1PDH)	91.2	91.7	96.2	86.4	94.1	92.5
SHARK (23R)	95.2	86.7	96.0	81.1	97.2	92.0
DECLARATION	97.5	88.3	96.4	80.6	92.6	91.2
L-93	86.5	90.0	95.9	83.9	94.7	91.1
INDEPENDENCE	96.2	81.7	96.4	80.0	93.2	90.7
SR 1119	85.8	85.0	93.9	87.1	91.8	90.4
PRINCEVILLE	90.8	86.7	90.9	87.2	93.2	90.3
PENNEAGLE II	89.2	93.3	96.0	76.7	97.3	90.0
CRYSTAL BLUELINKS (PST-OEB)	83.2	88.3	94.6	85.0	91.0	89.9
RUNNER (IS-AP 14)	81.2	83.3	94.4	82.7	95.7	89.7
PENNCROSS	82.2	88.3	90.9	87.2	95.6	89.7
T-1	92.5	90.0	94.5	78.9	92.9	89.5
SEASIDE	80.8	91.7	85.2	94.7	93.7	89.1
ALPHA	91.7	88.3	94.3	78.3	92.1	89.1
BENGAL	87.7	83.3	94.3	81.6	91.6	89.0
AUTHORITY (235050)	92.8	83.3	94.5	77.7	91.8	88.2
13-M	84.2	85.0	92.7	77.2	95.1	87.7
MACKENZIE (SRX 1GPD)	76.5	76.7	95.3	78.3	92.8	86.8
KINGPIN (9200)	74.3	78.3	95.6	80.0	91.4	86.7
PENNLINKS II	76.0	91.7	88.0	80.0	96.9	85.9
TIGER II	66.7	73.3	89.7	86.3	95.4	85.5
GREENTIME (IS-AT 7)	74.8	73.3	87.6	84.8	91.9	84.9
PST-9NBC	73.0	81.7	84.1	89.1	84.6	83.8
SR 7150	74.2	76.7	82.6	87.0	91.2	83.7
BARDOT	79.2	63.3	79.8	89.3	87.1	83.0
PST-9VN	64.2	71.7	77.7	91.8	88.8	80.9
EWTR	65.7	70.0	84.0	82.4	82.7	79.5
LSD VALUE	23.0	8.9	9.3	15.2	10.6	9.4
C.V. (%)	18.1	6.7	6.6	11.4	8.0	11.6

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

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

TABLE 16B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/						
NAME	CA7	IL3	MI1	ND1	OK1	MEAN
LS-44	94.5	88.3	96.0	86.1	94.4	92.6
SR 1150 (SRX 1PDH)	91.2	91.7	96.2	86.4	94.1	92.5
SHARK (23R)	95.2	86.7	96.0	81.1	97.2	92.0
DECLARATION	97.5	88.3	96.4	80.6	92.6	91.2
L-93	86.5	90.0	95.9	83.9	94.7	91.1
INDEPENDENCE	96.2	81.7	96.4	80.0	93.2	90.7
SR 1119	85.8	85.0	93.9	87.1	91.8	90.4
PRINCEVILLE	90.8	86.7	90.9	87.2	93.2	90.3
PENNEAGLE II	89.2	93.3	96.0	76.7	97.3	90.0
CRYSTAL BLUELINKS (PST-OEB)	83.2	88.3	94.6	85.0	91.0	89.9
RUNNER (IS-AP 14)	81.2	83.3	94.4	82.7	95.7	89.7
PENNCROSS	82.2	88.3	90.9	87.2	95.6	89.7
T-1	92.5	90.0	94.5	78.9	92.9	89.5
SEASIDE	80.8	91.7	85.2	94.7	93.7	89.1
ALPHA	91.7	88.3	94.3	78.3	92.1	89.1
BENGAL	87.7	83.3	94.3	81.6	91.6	89.0
AUTHORITY (235050)	92.8	83.3	94.5	77.7	91.8	88.2
13-M	84.2	85.0	92.7	77.2	95.1	87.7
MACKENZIE (SRX 1GPD)	76.5	76.7	95.3	78.3	92.8	86.8
KINGPIN (9200)	74.3	78.3	95.6	80.0	91.4	86.7
PENNLINKS II	76.0	91.7	88.0	80.0	96.9	85.9
LSD VALUE	19.1	7.8	8.1	15.3	8.8	8.5
C.V. (%)	14.1	5.6	5.5	11.5	6.4	10.3

TABLE 16C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/						
NAME	CA7	IL3	MI1	ND1	OK1	MEAN
TIGER II	66.7	73.3	89.7	86.3	95.4	85.5
GREENTIME (IS-AT 7)	74.8	73.3	87.6	84.8	91.9	84.9
PST-9NBC	73.0	81.7	84.1	89.1	84.6	83.8
SR 7150	74.2	76.7	82.6	87.0	91.2	83.7
BARDOT	79.2	63.3	79.8	89.3	87.1	83.0
PST-9VN	64.2	71.7	77.7	91.8	88.8	80.9
EWTR	65.7	70.0	84.0	82.4	82.7	79.5
LSD VALUE	32.1	11.8	11.5	14.8	14.4	11.7
C.V. (%)	31.3	10.0	9.7	10.8	12.2	15.4

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

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

TABLE 17A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	CA7	MI1	ND1	OK1	WA1	MEAN
PRINCEVILLE	95.5	98.0	96.9	94.4	99.0	95.9
L-93	94.3	99.0	97.2	94.6	99.0	95.8
RUNNER (IS-AP 14)	96.8	99.0	95.8	95.0	99.0	95.3
CRYSTAL BLUELINKS (PST-OEB)	93.2	99.0	96.2	94.5	99.0	95.1
SEASIDE	90.8	95.0	98.4	92.6	99.0	94.8
SR 1119	95.0	98.7	97.8	92.0	99.0	94.8
PENNCROSS	92.2	98.7	95.8	94.3	99.0	94.5
SR 7150	89.7	95.0	95.3	94.7	99.0	94.1
LS-44	92.7	98.7	96.2	92.0	99.0	93.7
ALPHA	97.0	98.7	93.8	93.4	99.0	93.7
13-M	95.7	97.7	91.8	95.7	99.0	93.6
PENNEAGLE II	96.3	99.0	90.9	95.4	99.0	93.0
INDEPENDENCE	97.8	99.0	94.1	91.0	99.0	92.9
BARDOT	88.7	96.3	97.0	89.8	99.0	92.9
SHARK (23R)	97.5	98.7	94.8	90.3	99.0	92.5
KINGPIN (9200)	89.5	98.7	91.9	92.8	99.0	92.2
SR 1150 (SRX 1PDH)	97.0	99.0	95.3	84.4	99.0	91.8
PENNLINKS II	94.3	98.7	93.8	88.9	99.0	91.6
DECLARATION	94.5	99.0	93.6	86.7	99.0	91.5
PST-9NBC	90.8	95.3	95.3	87.3	99.0	91.5
MACKENZIE (SRX 1GPD)	91.0	98.7	91.5	91.5	98.3	91.2
TIGER II	89.0	96.3	94.4	88.9	99.0	90.8
BENGAL	87.7	98.3	93.8	88.4	99.0	90.6
GREENTIME (IS-AT 7)	89.5	97.3	93.9	88.0	95.7	90.5
PST-9VN	94.2	96.0	96.4	83.1	94.0	90.2
AUTHORITY (235050)	93.0	98.3	90.0	90.3	99.0	90.0
T-1	95.2	98.3	92.7	85.3	99.0	89.1
EWTR	87.5	97.3	90.5	82.5	98.7	86.6
LSD VALUE	9.4	1.0	8.4	13.8	2.8	7.1
C.V. (%)	6.4	0.6	6.0	9.7	1.8	7.9

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

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

TABLE 17B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	CA7	MI1	ND1	OK1	WA1	MEAN
PRINCEVILLE	95.5	98.0	96.9	94.4	99.0	95.9
L-93	94.3	99.0	97.2	94.6	99.0	95.8
RUNNER (IS-AP 14)	96.8	99.0	95.8	95.0	99.0	95.3
CRYSTAL BLUELINKS (PST-OEB)	93.2	99.0	96.2	94.5	99.0	95.1
SEASIDE	90.8	95.0	98.4	92.6	99.0	94.8
SR 1119	95.0	98.7	97.8	92.0	99.0	94.8
PENNCROSS	92.2	98.7	95.8	94.3	99.0	94.5
LS-44	92.7	98.7	96.2	92.0	99.0	93.7
ALPHA	97.0	98.7	93.8	93.4	99.0	93.7
13-M	95.7	97.7	91.8	95.7	99.0	93.6
PENNEAGLE II	96.3	99.0	90.9	95.4	99.0	93.0
INDEPENDENCE	97.8	99.0	94.1	91.0	99.0	92.9
SHARK (23R)	97.5	98.7	94.8	90.3	99.0	92.5
KINGPIN (9200)	89.5	98.7	91.9	92.8	99.0	92.2
SR 1150 (SRX 1PDH)	97.0	99.0	95.3	84.4	99.0	91.8
PENNLINKS II	94.3	98.7	93.8	88.9	99.0	91.6
DECLARATION	94.5	99.0	93.6	86.7	99.0	91.5
MACKENZIE (SRX 1GPD)	91.0	98.7	91.5	91.5	98.3	91.2
BENGAL	87.7	98.3	93.8	88.4	99.0	90.6
AUTHORITY (235050)	93.0	98.3	90.0	90.3	99.0	90.0
T-1	95.2	98.3	92.7	85.3	99.0	89.1
LSD VALUE	9.3	0.7	8.6	12.6	0.4	6.7
C.V. (%)	6.2	0.4	6.1	8.8	0.3	7.5

TABLE 17C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/						
NAME	CA7	MI1	ND1	OK1	WA1	MEAN
SR 7150	89.7	95.0	95.3	94.7	99.0	94.1
BARDOT	88.7	96.3	97.0	89.8	99.0	92.9
PST-9NBC	90.8	95.3	95.3	87.3	99.0	91.5
TIGER II	89.0	96.3	94.4	88.9	99.0	90.8
GREENTIME (IS-AT 7)	89.5	97.3	93.9	88.0	95.7	90.5
PST-9VN	94.2	96.0	96.4	83.1	94.0	90.2
EWTR	87.5	97.3	90.5	82.5	98.7	86.6
LSD VALUE	9.8	1.6	7.7	14.1	5.6	7.7
C.V. (%)	7.0	1.0	5.4	10.4	3.6	8.6

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

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

TABLE 18A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	CA7	IN1	MA1	MI1	ND1	OK1	MEAN
DECLARATION	93.3	92.0	89.1	95.6	94.7	99.0	93.7
RUNNER (IS-AP 14)	95.0	96.0	89.9	91.8	96.2	99.0	93.6
SHARK (23R)	97.7	95.7	87.1	93.4	95.3	99.0	93.3
13-M	96.7	93.0	92.0	94.1	90.2	99.0	93.1
CRYSTAL BLUELINKS (PST-OEB)	96.0	96.0	88.6	91.8	96.8	99.0	93.1
SR 1150 (SRX 1PDH)	95.7	97.7	87.6	90.8	95.3	99.0	92.4
L-93	98.0	95.0	83.8	92.9	96.0	99.0	92.2
KINGPIN (9200)	98.3	92.3	89.1	92.4	91.8	98.8	92.0
SR 1119	97.0	95.0	86.0	89.5	97.7	99.0	92.0
LS-44	96.3	93.7	84.9	89.8	96.8	99.0	91.5
MACKENZIE (SRX 1GPD)	92.3	93.0	90.3	91.2	88.7	99.0	91.0
PENNEAGLE II	95.3	96.3	88.2	90.2	88.7	99.0	90.5
PENNLINKS II	96.7	95.7	84.9	89.3	93.5	99.0	90.5
INDEPENDENCE	96.3	94.0	82.0	90.4	94.2	99.0	90.4
T-1	92.0	95.7	85.3	90.8	91.2	99.0	90.4
AUTHORITY (235050)	88.3	94.0	84.9	94.3	87.0	99.0	90.3
BENGAL	84.3	92.0	83.7	91.7	93.5	98.8	90.2
ALPHA	98.0	94.3	84.8	86.6	91.2	99.0	88.7
PRINCEVILLE	94.0	95.7	85.3	81.2	96.8	98.7	88.2
PST-9NBC	91.7	93.0	88.8	82.3	96.2	97.5	88.1
PENNCROSS	97.7	92.7	79.1	83.3	95.5	99.0	86.9
TIGER II	90.0	89.3	88.1	79.7	94.5	98.0	86.0
GREENTIME (IS-AT 7)	89.0	93.0	88.6	81.2	92.0	96.8	86.0
SEASIDE	90.7	95.0	76.1	79.3	99.0	97.3	84.8
SR 7150	92.3	92.0	86.6	76.3	96.0	98.2	84.8
PST-9VN	90.0	92.3	86.7	74.8	96.0	97.5	84.0
EWTR	90.3	90.3	90.2	78.7	88.0	96.7	83.9
BARDOT	91.3	93.0	88.0	71.3	99.0	99.0	83.8
LSD VALUE	8.6	3.3	7.8	9.9	10.4	1.6	6.2
C.V. (%)	5.7	2.2	6.1	7.7	7.2	1.0	7.2

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

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

TABLE 18B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	CA7	IN1	MA1	MI1	ND1	OK1	MEAN
DECLARATION	93.3	92.0	89.1	95.6	94.7	99.0	93.7
RUNNER (IS-AP 14)	95.0	96.0	89.9	91.8	96.2	99.0	93.6
SHARK (23R)	97.7	95.7	87.1	93.4	95.3	99.0	93.3
13-M	96.7	93.0	92.0	94.1	90.2	99.0	93.1
CRYSTAL BLUELINKS (PST-OEB)	96.0	96.0	88.6	91.8	96.8	99.0	93.1
SR 1150 (SRX 1PDH)	95.7	97.7	87.6	90.8	95.3	99.0	92.4
L-93	98.0	95.0	83.8	92.9	96.0	99.0	92.2
KINGPIN (9200)	98.3	92.3	89.1	92.4	91.8	98.8	92.0
SR 1119	97.0	95.0	86.0	89.5	97.7	99.0	92.0
LS-44	96.3	93.7	84.9	89.8	96.8	99.0	91.5
MACKENZIE (SRX 1GPD)	92.3	93.0	90.3	91.2	88.7	99.0	91.0
PENNEAGLE II	95.3	96.3	88.2	90.2	88.7	99.0	90.5
PENNLINKS II	96.7	95.7	84.9	89.3	93.5	99.0	90.5
INDEPENDENCE	96.3	94.0	82.0	90.4	94.2	99.0	90.4
T-1	92.0	95.7	85.3	90.8	91.2	99.0	90.4
AUTHORITY (235050)	88.3	94.0	84.9	94.3	87.0	99.0	90.3
BENGAL	84.3	92.0	83.7	91.7	93.5	98.8	90.2
ALPHA	98.0	94.3	84.8	86.6	91.2	99.0	88.7
PRINCEVILLE	94.0	95.7	85.3	81.2	96.8	98.7	88.2
PENNCROSS	97.7	92.7	79.1	83.3	95.5	99.0	86.9
SEASIDE	90.7	95.0	76.1	79.3	99.0	97.3	84.8
LSD VALUE	8.1	3.1	8.0	8.9	10.5	0.3	5.8
C.V. (%)	5.3	2.1	6.3	6.5	7.2	0.2	6.5

TABLE 18C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/							
NAME	CA7	IN1	MA1	MI1	ND1	OK1	MEAN
PST-9NBC	91.7	93.0	88.8	82.3	96.2	97.5	88.1
TIGER II	90.0	89.3	88.1	79.7	94.5	98.0	86.0
GREENTIME (IS-AT 7)	89.0	93.0	88.6	81.2	92.0	96.8	86.0
SR 7150	92.3	92.0	86.6	76.3	96.0	98.2	84.8
PST-9VN	90.0	92.3	86.7	74.8	96.0	97.5	84.0
EWTR	90.3	90.3	90.2	78.7	88.0	96.7	83.9
BARDOT	91.3	93.0	88.0	71.3	99.0	99.0	83.8
LSD VALUE	9.9	3.9	7.4	11.9	10.3	3.1	7.3
C.V. (%)	6.8	2.6	5.5	13.4	7.0	2.0	9.3

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 19A. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IL3	KY1	OK1	VA1	MEAN
CRYSTAL BLUELINKS (PST-OEB)	7.0	7.7	6.7	5.7	6.6
PST-9NBC	.	8.7	5.8	7.2	6.4
SR 7150	.	9.0	6.3	6.0	6.4
BARDOT	.	8.3	6.2	6.5	6.3
PENNLINKS II	6.0	7.7	6.2	5.8	6.3
KINGPIN (9200)	7.0	6.7	6.7	5.0	6.2
LS-44	6.7	7.0	6.7	5.0	6.2
BENGAL	7.3	7.7	6.3	4.5	6.1
INDEPENDENCE	7.3	7.0	6.5	4.7	6.1
SHARK (23R)	8.7	6.3	6.0	4.8	6.1
EWTR	.	8.0	5.7	6.3	6.1
GREENTIME (IS-AT 7)	.	8.3	5.7	6.7	6.1
PENNEAGLE II	7.3	6.3	6.2	5.2	6.1
L-93	4.7	7.0	6.5	5.7	6.0
TIGER II	.	7.7	5.8	6.2	5.9
T-1	6.0	6.7	6.3	5.0	5.9
ALPHA	5.3	6.7	6.7	5.0	5.9
13-M	7.0	6.7	5.7	5.0	5.8
SR 1119	5.0	7.0	6.5	4.8	5.8
SEASIDE	5.0	8.0	4.7	6.2	5.8
PENNCROSS	4.3	6.7	6.0	5.7	5.7
MACKENZIE (SRX 1GPD)	6.3	6.0	5.8	4.8	5.6
PST-9VN	.	7.7	5.3	6.0	5.6
RUNNER (IS-AP 14)	7.0	6.0	5.2	5.2	5.6
AUTHORITY (235050)	7.0	5.7	5.5	4.8	5.6
DECLARATION	5.3	6.7	5.8	4.8	5.6
PRINCEVILLE	3.3	6.7	5.5	5.3	5.3
SR 1150 (SRX 1PDH)	4.0	6.3	5.8	4.8	5.3
LSD VALUE	2.8	0.9	0.9	1.3	1.0
C.V. (%)	28.2	7.6	9.6	14.2	15.0

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

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

3/ WINTER COLOR RATED AT "IL3" IN 2007, AT "KY1" IN 2004, AT "OK1" IN 2005 & 2007, AND AT "VA1" IN IN 2004-05.

TABLE 19B. WINTER COLOR RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/					
NAME	IL3	KY1	OK1	VA1	MEAN
CRYSTAL BLUELINKS (PST-OEB)	7.0	7.7	6.7	5.7	6.6
PENNLINKS II	6.0	7.7	6.2	5.8	6.3
KINGPIN (9200)	7.0	6.7	6.7	5.0	6.2
LS-44	6.7	7.0	6.7	5.0	6.2
BENGAL	7.3	7.7	6.3	4.5	6.1
INDEPENDENCE	7.3	7.0	6.5	4.7	6.1
SHARK (23R)	8.7	6.3	6.0	4.8	6.1
PENNEAGLE II	7.3	6.3	6.2	5.2	6.1
L-93	4.7	7.0	6.5	5.7	6.0
T-1	6.0	6.7	6.3	5.0	5.9
ALPHA	5.3	6.7	6.7	5.0	5.9
13-M	7.0	6.7	5.7	5.0	5.8
SR 1119	5.0	7.0	6.5	4.8	5.8
SEASIDE	5.0	8.0	4.7	6.2	5.8
PENNCROSS	4.3	6.7	6.0	5.7	5.7
MACKENZIE (SRX 1GPD)	6.3	6.0	5.8	4.8	5.6
RUNNER (IS-AP 14)	7.0	6.0	5.2	5.2	5.6
AUTHORITY (235050)	7.0	5.7	5.5	4.8	5.6
DECLARATION	5.3	6.7	5.8	4.8	5.6
PRINCEVILLE	3.3	6.7	5.5	5.3	5.3
SR 1150 (SRX 1PDH)	4.0	6.3	5.8	4.8	5.3
LSD VALUE	2.8	0.9	0.9	1.3	1.0
C.V. (%)	28.2	8.3	9.0	15.0	15.7

TABLE 19C. WINTER COLOR RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/				
NAME	KY1	OK1	VA1	MEAN
PST-9NBC	8.7	5.8	7.2	6.4
SR 7150	9.0	6.3	6.0	6.4
BARDOT	8.3	6.2	6.5	6.3
EWTR	8.0	5.7	6.3	6.1
GREENTIME (IS-AT 7)	8.3	5.7	6.7	6.1
TIGER II	7.7	5.8	6.2	5.9
PST-9VN	7.7	5.3	6.0	5.6
LSD VALUE	0.8	0.9	1.1	0.8
C.V. (%)	5.9	11.2	11.0	10.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ WINTER COLOR RATED AT "IL3" IN 2007, AT "KY1" IN 2004, AT "OK1" IN 2005 & 2007, AND AT "VA1" IN IN 2004-05.

TABLE 20A. PERCENT WINTER KILL RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	ND1
13-M	60.0
ALPHA	60.0
AUTHORITY (235050)	60.0
INDEPENDENCE	60.0
PENNEAGLE II	60.0
SHARK (23R)	60.0
BENGAL	53.3
MACKENZIE (SRX 1GPD)	53.3
PENNLINKS II	53.3
RUNNER (IS-AP 14)	53.3
DECLARATION	45.0
KINGPIN (9200)	45.0
T-1	45.0
SR 1150 (SRX 1PDH)	43.3
CRYSTAL BLUELINKS (PST-OEB)	38.3
PRINCEVILLE	38.3
LS-44	35.0
SR 1119	30.0
L-93	23.3
BARDOT	21.7
PENNCROSS	11.7
SEASIDE	6.7
GREENTIME (IS-AT 7)	5.0
SR 7150	5.0
PST-9NBC	1.7
EWTR	0.0
PST-9VN	0.0
TIGER II	0.0
LSD VALUE	24.6
C.V. (%)	44.1

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT WINTER KILL RATED IN 2005 ONLY.

TABLE 20B. PERCENT WINTER KILL RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	ND1
13-M	60.0
ALPHA	60.0
AUTHORITY (235050)	60.0
INDEPENDENCE	60.0
PENNEAGLE II	60.0
SHARK (23R)	60.0
BENGAL	53.3
MACKENZIE (SRX 1GPD)	53.3
PENNLINKS II	53.3
RUNNER (IS-AP 14)	53.3
DECLARATION	45.0
KINGPIN (9200)	45.0
T-1	45.0
SR 1150 (SRX 1PDH)	43.3
CRYSTAL BLUELINKS (PST-OEB)	38.3
PRINCEVILLE	38.3
LS-44	35.0
SR 1119	30.0
L-93	23.3
PENNCROSS	11.7
SEASIDE	6.7
LSD VALUE	26.1
C.V. (%)	36.5

TABLE 20C. PERCENT WINTER KILL RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	ND1
BARDOT	21.7
GREENTIME (IS-AT 7)	5.0
SR 7150	5.0
PST-9NBC	1.7
EWTR	0.0
PST-9VN	0.0
TIGER II	0.0
LSD VALUE	19.1
C.V. (%)	249.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ PERCENT WINTER KILL RATED IN 2005 ONLY.

TABLE 21A. DROUGHT TOLERANCE (WILTING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	ND1	VA1	MEAN
T-1	6.0	9.0	7.5
ALPHA	6.3	8.0	7.2
PENNLINKS II	6.3	7.7	7.0
PRINCEVILLE	5.7	8.3	7.0
AUTHORITY (235050)	5.7	7.7	6.7
CRYSTAL BLUELINKS (PST-OEB)	6.3	7.0	6.7
DECLARATION	6.0	7.3	6.7
PENNEAGLE II	6.3	7.0	6.7
BENGAL	5.7	7.3	6.5
LS-44	6.7	6.3	6.5
RUNNER (IS-AP 14)	5.7	7.3	6.5
PENNCROSS	4.7	8.0	6.3
SEASIDE	4.3	8.3	6.3
13-M	6.3	6.3	6.3
L-93	5.7	6.7	6.2
SR 1119	6.0	6.3	6.2
SR 1150 (SRX 1PDH)	5.0	7.3	6.2
KINGPIN (9200)	6.3	5.7	6.0
SHARK (23R)	5.0	7.0	6.0
BARDOT	5.3	6.0	5.7
PST-9NBC	5.0	6.3	5.7
INDEPENDENCE	5.7	5.3	5.5
TIGER II	5.7	5.3	5.5
PST-9VN	4.3	6.3	5.3
GREENTIME (IS-AT 7)	5.0	5.3	5.2
SR 7150	4.3	6.0	5.2
MACKENZIE (SRX 1GPD)	5.0	4.7	4.8
EWTR	4.7	4.3	4.5
LSD VALUE	1.6	2.2	1.9
C.V. (%)	17.6	20.4	19.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ DROUGHT TOLERANCE (WILTING) RATED AT "ND1" IN 2005 AND AT "VA1" IN 2007.

TABLE 21B. DROUGHT TOLERANCE (WILTING) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	ND1	VA1	MEAN
T-1	6.0	9.0	7.5
ALPHA	6.3	8.0	7.2
PENNLINKS II	6.3	7.7	7.0
PRINCEVILLE	5.7	8.3	7.0
AUTHORITY (235050)	5.7	7.7	6.7
CRYSTAL BLUELINKS (PST-OEB)	6.3	7.0	6.7
DECLARATION	6.0	7.3	6.7
PENNEAGLE II	6.3	7.0	6.7
BENGAL	5.7	7.3	6.5
LS-44	6.7	6.3	6.5
RUNNER (IS-AP 14)	5.7	7.3	6.5
PENNCROSS	4.7	8.0	6.3
SEASIDE	4.3	8.3	6.3
13-M	6.3	6.3	6.3
L-93	5.7	6.7	6.2
SR 1119	6.0	6.3	6.2
SR 1150 (SRX 1PDH)	5.0	7.3	6.2
KINGPIN (9200)	6.3	5.7	6.0
SHARK (23R)	5.0	7.0	6.0
INDEPENDENCE	5.7	5.3	5.5
MACKENZIE (SRX 1GPD)	5.0	4.7	4.8
LSD VALUE	1.4	1.9	1.6
C.V. (%)	14.7	16.6	15.7

TABLE 21C. DROUGHT TOLERANCE (WILTING) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

DROUGHT TOLERANCE (WILTING) RATINGS 1-9; 9=NO WILTING 2/ 3/

NAME	ND1	VA1	MEAN
BARDOT	5.3	6.0	5.7
PST-9NBC	5.0	6.3	5.7
TIGER II	5.7	5.3	5.5
PST-9VN	4.3	6.3	5.3
GREENTIME (IS-AT 7)	5.0	5.3	5.2
SR 7150	4.3	6.0	5.2
EWTR	4.7	4.3	4.5
LSD VALUE	2.1	3.0	2.5
C.V. (%)	26.3	32.4	29.4

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ DROUGHT TOLERANCE (WILTING) RATED AT "ND1" IN 2005 AND AT "VA1" IN 2007.

TABLE 22A. TYPHULA BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

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
PENNLINKS II	4.0
PST-9VN	4.0
RUNNER (IS-AP 14)	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
GREENTIME (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.
- 3/ TYPHULA BLIGHT RATED IN 2006 ONLY.

TABLE 22B. TYPHULA BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

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
PENNLINKS II	4.0
RUNNER (IS-AP 14)	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 22C. TYPHULA BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	ND1
PST-9VN	4.0
EWTR	3.0
GREENTIME (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.
 3/ TYPHULA BLIGHT RATED IN 2006 ONLY.

TABLE 23A. MICRODOCHIUM PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	MN1
13-M	9.0
L-93	9.0
PENNCROSS	9.0
LS-44	8.8
PRINCEVILLE	8.8
DECLARATION	8.7
SR 1119	8.7
CRYSTAL BLUELINKS (PST-OEB)	8.5
SEASIDE	8.5
EWTR	8.2
INDEPENDENCE	8.2
BENGAL	8.2
PENNEAGLE II	8.2
BARDOT	8.0
SR 1150 (SRX 1PDH)	7.8
RUNNER (IS-AP 14)	7.7
GREENTIME (IS-AT 7)	7.7
PENNLINKS II	7.3
SHARK (23R)	7.3
T-1	7.2
TIGER II	7.2
PST-9NBC	7.2
SR 7150	6.8
AUTHORITY (235050)	6.7
ALPHA	6.0
MACKENZIE (SRX 1GPD)	5.7
KINGPIN (9200)	5.2
PST-9VN	4.0
LSD VALUE	1.9
C.V. (%)	15.4

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ MICRODOCHIUM PATCH RATED IN 2004-05.

TABLE 23B. MICRODOCHIUM PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	MN1
13-M	9.0
L-93	9.0
PENNCROSS	9.0
LS-44	8.8
PRINCEVILLE	8.8
DECLARATION	8.7
SR 1119	8.7
CRYSTAL BLUELINKS (PST-OEB)	8.5
SEASIDE	8.5
INDEPENDENCE	8.2
BENGAL	8.2
PENNEAGLE II	8.2
SR 1150 (SRX 1PDH)	7.8
RUNNER (IS-AP 14)	7.7
PENNLINKS II	7.3
SHARK (23R)	7.3
T-1	7.2
AUTHORITY (235050)	6.7
ALPHA	6.0
MACKENZIE (SRX 1GPD)	5.7
KINGPIN (9200)	5.2
LSD VALUE	1.7
C.V. (%)	13.3

TABLE 23C. MICRODOCHIUM PATCH RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	MN1
EWTR	8.2
BARDOT	8.0
GREENTIME (IS-AT 7)	7.7
TIGER II	7.2
PST-9NBC	7.2
SR 7150	6.8
PST-9VN	4.0
LSD VALUE	2.4
C.V. (%)	21.4

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ MICRODOCHIUM PATCH RATED IN 2004-05.

TABLE 24A.

DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IL3	IN1	KS1	MA1	MD1	MI1	MN1	NJ1	PA1	VA1	MEAN
EWTR	9.0	8.5	7.5	8.4	8.7	6.3	8.3	8.7	7.0	7.1	8.0
DECLARATION	9.0	8.8	8.0	7.4	8.0	4.3	8.3	8.8	7.5	6.6	7.8
BARDOT	8.3	8.3	6.2	8.2	8.3	6.7	7.0	8.4	7.0	7.1	7.7
GREENTIME (IS-AT 7)	9.0	8.3	6.7	7.9	8.7	6.3	7.7	8.2	6.8	6.9	7.7
PST-9VN	8.7	8.3	7.2	7.8	8.7	6.3	8.0	8.3	5.5	7.3	7.7
TIGER II	8.7	7.8	5.8	8.3	8.3	6.3	8.0	8.4	6.7	7.2	7.7
SR 7150	9.0	8.4	6.7	7.7	8.2	6.3	8.0	8.4	6.2	6.5	7.6
PST-9NBC	9.0	7.8	5.5	7.8	7.3	6.7	7.7	8.3	6.8	7.0	7.5
PENNLINKS II	9.0	8.3	5.7	7.0	7.8	6.7	6.3	8.0	6.8	7.2	7.5
13-M	8.7	8.3	7.0	7.7	7.3	6.0	8.0	7.4	6.7	6.6	7.4
SEASIDE	9.0	7.9	5.7	7.6	7.8	7.3	4.7	7.4	6.7	7.2	7.4
KINGPIN (9200)	8.3	8.3	6.0	7.2	6.3	5.7	7.7	7.8	6.8	6.5	7.2
L-93	8.3	8.3	5.3	6.7	5.8	7.0	8.0	6.3	6.0	6.8	7.0
CRYSTAL BLUELINKS (PST-OEB)	7.3	7.8	6.5	7.1	5.8	6.3	7.7	6.7	5.3	7.3	6.9
AUTHORITY (235050)	8.7	8.1	6.3	7.2	6.5	6.3	8.0	6.1	6.2	6.0	6.9
LS-44	7.7	7.3	5.7	6.8	4.7	6.7	6.7	5.6	6.3	6.8	6.5
SR 1150 (SRX 1PDH)	8.3	7.5	6.2	6.6	5.0	6.7	7.7	5.0	5.5	6.8	6.5
PENNEAGLE II	8.0	7.3	5.8	6.0	5.8	5.7	8.0	5.6	6.0	6.8	6.5
MACKENZIE (SRX 1GPD)	7.3	7.8	6.0	6.9	5.8	6.3	7.7	5.4	5.0	5.9	6.4
SHARK (23R)	7.7	6.7	6.2	7.0	4.5	7.0	7.0	5.3	5.7	6.2	6.2
PENNCROSS	6.0	7.3	5.8	6.3	6.5	7.0	6.0	4.2	5.5	6.2	6.1
PRINCEVILLE	8.7	6.5	5.5	5.9	4.3	7.0	5.3	4.7	5.7	6.8	6.1
ALPHA	6.3	7.0	6.5	6.1	4.2	6.7	7.0	3.8	5.7	6.0	5.9
RUNNER (IS-AP 14)	7.0	7.1	5.0	6.1	4.3	7.0	8.0	4.6	5.8	5.7	5.8
BENGAL	6.7	6.6	5.0	6.7	3.8	6.7	5.7	4.0	5.5	6.2	5.7
SR 1119	6.7	6.2	4.7	6.2	4.2	7.0	6.7	3.9	5.2	7.2	5.7
T-1	6.7	6.7	6.2	5.7	4.2	7.0	6.7	4.3	5.2	5.8	5.7
INDEPENDENCE	5.0	6.0	4.5	5.7	3.7	8.0	6.0	3.0	5.2	5.7	5.1
LSD VALUE	1.7	1.6	2.5	1.5	1.5	1.4	1.5	1.4	1.9	2.3	0.8
C.V. (%)	13.4	13.3	25.7	13.3	16.1	13.6	13.1	14.0	19.4	22.7	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 24B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with position on FAIRWAY OR TEE 1/
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/											
NAME	IL3	IN1	KS1	MA1	MD1	MI1	MN1	NJ1	PA1	VA1	MEAN
DECLARATION	9.0	8.8	8.0	7.4	8.0	4.3	8.3	8.8	7.5	6.6	7.8
PENNLINKS II	9.0	8.3	5.7	7.0	7.8	6.7	6.3	8.0	6.8	7.2	7.5
13-M	8.7	8.3	7.0	7.7	7.3	6.0	8.0	7.4	6.7	6.6	7.4
SEASIDE	9.0	7.9	5.7	7.6	7.8	7.3	4.7	7.4	6.7	7.2	7.4
KINGPIN (9200)	8.3	8.3	6.0	7.2	6.3	5.7	7.7	7.8	6.8	6.5	7.2
L-93	8.3	8.3	5.3	6.7	5.8	7.0	8.0	6.3	6.0	6.8	7.0
CRYSTAL BLUELINKS (PST-OEB)	7.3	7.8	6.5	7.1	5.8	6.3	7.7	6.7	5.3	7.3	6.9
AUTHORITY (235050)	8.7	8.1	6.3	7.2	6.5	6.3	8.0	6.1	6.2	6.0	6.9
LS-44	7.7	7.3	5.7	6.8	4.7	6.7	6.7	5.6	6.3	6.8	6.5
SR 1150 (SRX 1PDH)	8.3	7.5	6.2	6.6	5.0	6.7	7.7	5.0	5.5	6.8	6.5
PENNEAGLE II	8.0	7.3	5.8	6.0	5.8	5.7	8.0	5.6	6.0	6.8	6.5
MACKENZIE (SRX 1GPD)	7.3	7.8	6.0	6.9	5.8	6.3	7.7	5.4	5.0	5.9	6.4
SHARK (23R)	7.7	6.7	6.2	7.0	4.5	7.0	7.0	5.3	5.7	6.2	6.2
PENNCROSS	6.0	7.3	5.8	6.3	6.5	7.0	6.0	4.2	5.5	6.2	6.1
PRINCEVILLE	8.7	6.5	5.5	5.9	4.3	7.0	5.3	4.7	5.7	6.8	6.1
ALPHA	6.3	7.0	6.5	6.1	4.2	6.7	7.0	3.8	5.7	6.0	5.9
RUNNER (IS-AP 14)	7.0	7.1	5.0	6.1	4.3	7.0	8.0	4.6	5.8	5.7	5.8
BENGAL	6.7	6.6	5.0	6.7	3.8	6.7	5.7	4.0	5.5	6.2	5.7
SR 1119	6.7	6.2	4.7	6.2	4.2	7.0	6.7	3.9	5.2	7.2	5.7
T-1	6.7	6.7	6.2	5.7	4.2	7.0	6.7	4.3	5.2	5.8	5.7
INDEPENDENCE	5.0	6.0	4.5	5.7	3.7	8.0	6.0	3.0	5.2	5.7	5.1
LSD VALUE	1.9	1.7	2.6	1.6	1.6	1.5	1.6	1.6	2.0	2.5	0.9
C.V. (%)	15.6	14.4	26.9	14.7	20.9	14.4	13.9	17.6	20.3	24.3	19.3

TABLE 24C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/											
NAME	IL3	IN1	KS1	MA1	MD1	MI1	MN1	NJ1	PA1	VA1	MEAN
EWTR	9.0	8.5	7.5	8.4	8.7	6.3	8.3	8.7	7.0	7.1	8.0
BARDOT	8.3	8.3	6.2	8.2	8.3	6.7	7.0	8.4	7.0	7.1	7.7
GREENTIME (IS-AT 7)	9.0	8.3	6.7	7.9	8.7	6.3	7.7	8.2	6.8	6.9	7.7
PST-9VN	8.7	8.3	7.2	7.8	8.7	6.3	8.0	8.3	5.5	7.3	7.7
TIGER II	8.7	7.8	5.8	8.3	8.3	6.3	8.0	8.4	6.7	7.2	7.7
SR 7150	9.0	8.4	6.7	7.7	8.2	6.3	8.0	8.4	6.2	6.5	7.6
PST-9NBC	9.0	7.8	5.5	7.8	7.3	6.7	7.7	8.3	6.8	7.0	7.5
LSD VALUE	0.9	1.3	2.3	1.2	0.6	1.1	1.4	0.6	1.8	1.7	0.6
C.V. (%)	6.1	10.1	22.5	9.5	5.2	10.7	10.8	4.4	17.0	17.3	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 25A. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/							
NAME	IL3	MA1	MD1	NJ1	PA1	VA1	MEAN
RUNNER (IS-AP 14)	9.0	9.0	9.0	8.4	9.0	7.0	8.5
SHARK (23R)	8.8	8.3	9.0	8.2	9.0	8.7	8.5
T-1	9.0	8.7	9.0	7.8	9.0	7.7	8.3
ALPHA	8.7	8.8	9.0	7.9	9.0	7.7	8.3
DECLARATION	9.0	8.3	9.0	8.2	9.0	6.3	8.3
PENNEAGLE II	9.0	8.8	9.0	7.6	9.0	7.0	8.2
13-M	8.3	8.7	9.0	7.3	9.0	8.3	8.1
BENGAL	8.8	8.7	9.0	7.1	9.0	8.0	8.1
MACKENZIE (SRX 1GPD)	8.3	8.2	9.0	8.1	9.0	6.3	8.0
CRYSTAL BLUELINKS (PST-OEB)	7.7	8.5	9.0	7.6	9.0	8.7	8.0
SR 1150 (SRX 1PDH)	7.7	8.8	9.0	7.8	9.0	7.0	8.0
INDEPENDENCE	7.7	8.8	9.0	7.6	9.0	8.0	8.0
LS-44	8.3	9.0	9.0	7.2	9.0	7.3	8.0
KINGPIN (9200)	8.7	8.5	9.0	6.8	9.0	8.0	7.9
AUTHORITY (235050)	7.2	8.3	9.0	7.4	9.0	8.3	7.8
SR 1119	8.8	8.5	9.0	6.8	9.0	7.0	7.8
PENNLINKS II	8.0	8.7	9.0	6.0	9.0	6.7	7.3
PENNCROSS	8.3	9.0	9.0	5.6	7.7	7.3	7.3
L-93	7.5	8.7	9.0	5.6	9.0	7.3	7.1
PRINCEVILLE	6.7	8.3	9.0	5.6	9.0	8.3	7.0
GREENTIME (IS-AT 7)	7.0	7.3	6.3	3.9	8.0	8.7	6.0
SEASIDE	6.8	8.7	9.0	2.9	8.0	8.3	6.0
EWTR	7.0	5.5	7.0	3.4	8.0	8.7	5.6
PST-9VN	6.0	4.7	5.3	4.7	6.0	8.0	5.4
PST-9NBC	5.3	5.8	6.0	4.2	5.3	9.0	5.4
TIGER II	7.2	6.0	7.3	2.8	7.3	8.0	5.3
BARDOT	6.7	4.5	7.0	2.8	8.0	7.3	4.9
SR 7150	5.8	4.5	6.0	1.8	6.3	9.0	4.4
LSD VALUE	1.7	1.2	0.8	1.6	1.2	2.0	1.0
C.V. (%)	13.5	9.3	6.0	16.2	9.1	16.2	13.4

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH (WARM TEMPERATURE) RATED AT "IL3" IN 2004-05, AT "MA1" IN 2005 & 2007, AT "MD1" & "PA1" IN 2005, AT "NJ1" IN 2004 & 2006-07, AND AT "VA1" IN 2006.

TABLE 25B. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/							
NAME	IL3	MA1	MD1	NJ1	PA1	VA1	MEAN
RUNNER (IS-AP 14)	9.0	9.0	9	8.4	9.0	7.0	8.5
SHARK (23R)	8.8	8.3	9	8.2	9.0	8.7	8.5
T-1	9.0	8.7	9	7.8	9.0	7.7	8.3
ALPHA	8.7	8.8	9	7.9	9.0	7.7	8.3
DECLARATION	9.0	8.3	9	8.2	9.0	6.3	8.3
PENNEAGLE II	9.0	8.8	9	7.6	9.0	7.0	8.2
13-M	8.3	8.7	9	7.3	9.0	8.3	8.1
BENGAL	8.8	8.7	9	7.1	9.0	8.0	8.1
MACKENZIE (SRX 1GPD)	8.3	8.2	9	8.1	9.0	6.3	8.0
CRYSTAL BLUELINKS (PST-OEB)	7.7	8.5	9	7.6	9.0	8.7	8.0
SR 1150 (SRX 1PDH)	7.7	8.8	9	7.8	9.0	7.0	8.0
INDEPENDENCE	7.7	8.8	9	7.6	9.0	8.0	8.0
LS-44	8.3	9.0	9	7.2	9.0	7.3	8.0
KINGPIN (9200)	8.7	8.5	9	6.8	9.0	8.0	7.9
AUTHORITY (235050)	7.2	8.3	9	7.4	9.0	8.3	7.8
SR 1119	8.8	8.5	9	6.8	9.0	7.0	7.8
PENNLINKS II	8.0	8.7	9	6.0	9.0	6.7	7.3
PENNCROSS	8.3	9.0	9	5.6	7.7	7.3	7.3
L-93	7.5	8.7	9	5.6	9.0	7.3	7.1
PRINCEVILLE	6.7	8.3	9	5.6	9.0	8.3	7.0
SEASIDE	6.8	8.7	9	2.9	8.0	8.3	6.0
LSD VALUE	1.6	0.9	0	1.5	0.9	2.2	1.0
C.V. (%)	12.3	6.3	0	13.8	6.2	17.9	11.9

TABLE 25C. BROWN PATCH (WARM TEMPERATURE) RATINGS OF CREEPING BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/							
NAME	IL3	MA1	MD1	NJ1	PA1	VA1	MEAN
GREENTIME (IS-AT 7)	7.0	7.3	6.3	3.9	8.0	8.7	6.0
EWTR	7.0	5.5	7.0	3.4	8.0	8.7	5.6
PST-9VN	6.0	4.7	5.3	4.7	6.0	8.0	5.4
PST-9NBC	5.3	5.8	6.0	4.2	5.3	9.0	5.4
TIGER II	7.2	6.0	7.3	2.8	7.3	8.0	5.3
BARDOT	6.7	4.5	7.0	2.8	8.0	7.3	4.9
SR 7150	5.8	4.5	6.0	1.8	6.3	9.0	4.4
LSD VALUE	1.8	1.8	1.6	1.6	1.9	1.5	1.1
C.V. (%)	16.9	20.3	15.6	30.7	17.1	11.0	19.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ BROWN PATCH (WARM TEMPERATURE) RATED AT "IL3" IN 2004-05, AT "MA1" IN 2005 & 2007, AT "MD1" & "PA1" IN 2005, AT "NJ1" IN 2004 & 2006-07, AND AT "VA1" IN 2006.

TABLE 26A. PYTHIUM BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IN1
13-M	9.0
AUTHORITY (235050)	9.0
INDEPENDENCE	9.0
KINGPIN (9200)	9.0
L-93	9.0
MACKENZIE (SRX 1GPD)	9.0
PENNCROSS	9.0
PENNEAGLE II	9.0
PENNLINKS II	9.0
PRINCEVILLE	9.0
SHARK (23R)	9.0
SR 1119	9.0
T-1	9.0
ALPHA	8.7
BARDOT	8.7
CRYSTAL BLUELINKS (PST-OEB)	8.7
EWTR	8.7
RUNNER (IS-AP 14)	8.7
SEASIDE	8.7
SR 1150 (SRX 1PDH)	8.7
BENGAL	8.3
DECLARATION	8.3
GREENTIME (IS-AT 7)	8.3
PST-9NBC	8.3
LS-44	8.0
SR 7150	8.0
PST-9VN	7.3
TIGER II	7.3
LSD VALUE	1.3
C.V. (%)	9.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PYTHIUM BLIGHT RATED IN 2005 ONLY.

TABLE 26B. PYTHIUM BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	IN1
13-M	9.0
AUTHORITY (235050)	9.0
INDEPENDENCE	9.0
KINGPIN (9200)	9.0
L-93	9.0
MACKENZIE (SRX 1GPD)	9.0
PENNCROSS	9.0
PENNEAGLE II	9.0
PENNLINKS II	9.0
PRINCEVILLE	9.0
SHARK (23R)	9.0
SR 1119	9.0
T-1	9.0
ALPHA	8.7
CRYSTAL BLUELINKS (PST-OEB)	8.7
RUNNER (IS-AP 14)	8.7
SEASIDE	8.7
SR 1150 (SRX 1PDH)	8.7
BENGAL	8.3
DECLARATION	8.3
LS-44	8.0
LSD VALUE	1.0
C.V. (%)	6.7

TABLE 26C. PYTHIUM BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	IN1
BARDOT	8.7
EWTR	8.7
GREENTIME (IS-AT 7)	8.3
PST-9NBC	8.3
SR 7150	8.0
PST-9VN	7.3
TIGER II	7.3
LSD VALUE	2.1
C.V. (%)	16.2

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ PYTHIUM BLIGHT RATED IN 2005 ONLY.

TABLE 27A. ANTHRACNOSE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	MA1	MN1	MEAN
BARDOT	9.0	7.7	8.3
SR 7150	9.0	7.3	8.2
GREENTIME (IS-AT 7)	8.3	7.0	7.7
PST-9VN	8.3	7.0	7.7
PRINCEVILLE	8.3	6.7	7.5
SEASIDE	7.7	7.3	7.5
PST-9NBC	8.7	6.0	7.3
TIGER II	6.7	7.7	7.2
EWTR	6.3	8.0	7.2
PENNCROSS	8.0	6.3	7.2
L-93	7.3	6.7	7.0
LS-44	7.7	6.3	7.0
SR 1119	6.3	6.3	6.3
13-M	5.0	6.7	5.8
PENNEAGLE II	6.7	5.0	5.8
PENNLINKS II	6.0	5.7	5.8
CRYSTAL BLUELINKS (PST-OEB)	6.0	5.3	5.7
SR 1150 (SRX 1PDH)	5.3	5.7	5.5
T-1	7.0	4.0	5.5
INDEPENDENCE	5.3	5.3	5.3
SHARK (23R)	6.0	4.3	5.2
ALPHA	6.7	3.3	5.0
AUTHORITY (235050)	4.7	5.3	5.0
BENGAL	5.0	5.0	5.0
RUNNER (IS-AP 14)	4.0	4.7	4.3
DECLARATION	3.7	4.7	4.2
KINGPIN (9200)	5.3	2.7	4.0
MACKENZIE (SRX 1GPD)	4.7	2.7	3.7
LSD VALUE	1.9	2.5	2.2
C.V. (%)	18.1	27.6	22.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ ANTHRACNOSE RATED AT "MA1" IN 2007 AND AT "MN1" IN 2005.

TABLE 27B. ANTHRACNOSE RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	MA1	MN1	MEAN
PRINCEVILLE	8.3	6.7	7.5
SEASIDE	7.7	7.3	7.5
PENNCROSS	8.0	6.3	7.2
L-93	7.3	6.7	7.0
LS-44	7.7	6.3	7.0
SR 1119	6.3	6.3	6.3
13-M	5.0	6.7	5.8
PENNEAGLE II	6.7	5.0	5.8
PENNLINKS II	6.0	5.7	5.8
CRYSTAL BLUELINKS (PST-OEB)	6.0	5.3	5.7
SR 1150 (SRX 1PDH)	5.3	5.7	5.5
T-1	7.0	4.0	5.5
INDEPENDENCE	5.3	5.3	5.3
SHARK (23R)	6.0	4.3	5.2
ALPHA	6.7	3.3	5.0
AUTHORITY (235050)	4.7	5.3	5.0
BENGAL	5.0	5.0	5.0
RUNNER (IS-AP 14)	4.0	4.7	4.3
DECLARATION	3.7	4.7	4.2
KINGPIN (9200)	5.3	2.7	4.0
MACKENZIE (SRX 1GPD)	4.7	2.7	3.7
LSD VALUE	2.0	2.8	2.4
C.V. (%)	20.6	33.1	26.8

TABLE 27C. ANTHRACNOSE RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

ANTHRACNOSE RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	MA1	MN1	MEAN
BARDOT	9.0	7.7	8.3
SR 7150	9.0	7.3	8.2
GREENTIME (IS-AT 7)	8.3	7.0	7.7
PST-9VN	8.3	7.0	7.7
PST-9NBC	8.7	6.0	7.3
TIGER II	6.7	7.7	7.2
EWTR	6.3	8.0	7.2
LSD VALUE	1.6	1.6	1.6
C.V. (%)	12.1	13.8	13.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ ANTHRACNOSE RATED AT "MA1" IN 2007 AND AT "MN1" IN 2005.

TABLE 28A. FAIRY RING RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	MD1
BARDOT	9.0
EWTR	9.0
GREENTIME (IS-AT 7)	9.0
PENNCROSS	9.0
PENNLINKS II	9.0
PST-9NBC	9.0
PST-9VN	9.0
SR 7150	9.0
TIGER II	9.0
L-93	8.7
SEASIDE	8.7
ALPHA	8.3
SR 1119	8.3
CRYSTAL BLUELINKS (PST-OEB)	8.0
INDEPENDENCE	7.7
LS-44	7.7
T-1	7.7
13-M	7.0
PRINCEVILLE	7.0
SR 1150 (SRX 1PDH)	7.0
BENGAL	6.7
KINGPIN (9200)	6.0
PENNEAGLE II	6.0
SHARK (23R)	4.7
AUTHORITY (235050)	4.3
MACKENZIE (SRX 1GPD)	4.3
RUNNER (IS-AP 14)	4.3
DECLARATION	4.0
LSD VALUE	1.8
C.V. (%)	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.
- 3/ FAIRY RING RATED IN 2005 ONLY.

TABLE 28B. FAIRY RING RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	MD1
PENNCROSS	9.0
PENNLINKS II	9.0
L-93	8.7
SEASIDE	8.7
ALPHA	8.3
SR 1119	8.3
CRYSTAL BLUELINKS (PST-OEB)	8.0
INDEPENDENCE	7.7
LS-44	7.7
T-1	7.7
13-M	7.0
PRINCEVILLE	7.0
SR 1150 (SRX 1PDH)	7.0
BENGAL	6.7
KINGPIN (9200)	6.0
PENNEAGLE II	6.0
SHARK (23R)	4.7
AUTHORITY (235050)	4.3
MACKENZIE (SRX 1GPD)	4.3
RUNNER (IS-AP 14)	4.3
DECLARATION	4.0
LSD VALUE	2.1
C.V. (%)	18.8

TABLE 28C. FAIRY RING RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	MD1
BARDOT	9
EWTR	9
GREENTIME (IS-AT 7)	9
PST-9NBC	9
PST-9VN	9
SR 7150	9
TIGER II	9
LSD VALUE	0
C.V. (%)	0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ FAIRY RING RATED IN 2005 ONLY.

TABLE 29A. PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	IA1	ND1	VA1	WA1	MEAN
DECLARATION	7.3	3.7	8.0	6.7	6.4
ALPHA	7.7	3.7	7.7	5.7	6.2
BARDOT	5.3	4.3	8.3	6.0	6.0
PST-9NBC	5.7	4.3	8.0	5.7	5.9
RUNNER (IS-AP 14)	7.3	3.7	8.0	4.7	5.9
CRYSTAL BLUELINKS (PST-OEB)	6.3	3.3	7.7	5.0	5.6
T-1	7.0	4.0	6.7	4.0	5.4
SR 1150 (SRX 1PDH)	8.0	3.0	7.3	3.3	5.4
EWTR	6.0	4.0	6.3	5.0	5.3
KINGPIN (9200)	8.0	3.3	6.0	3.7	5.3
PENNEAGLE II	6.0	3.3	7.3	4.3	5.3
TIGER II	4.7	3.3	5.3	7.0	5.1
13-M	3.0	3.7	7.3	6.0	5.0
INDEPENDENCE	6.7	3.0	6.3	3.7	4.9
SHARK (23R)	6.0	2.7	6.0	4.7	4.8
L-93	3.3	4.0	6.7	5.0	4.8
AUTHORITY (235050)	4.7	3.3	6.7	4.0	4.7
SR 1119	5.0	3.3	6.3	4.0	4.7
MACKENZIE (SRX 1GPD)	5.3	3.3	6.7	3.0	4.6
GREENTIME (IS-AT 7)	3.7	4.7	6.0	3.7	4.5
LS-44	2.0	3.3	7.7	4.7	4.4
PST-9VN	5.7	3.7	4.7	3.3	4.3
PENNLINKS II	1.7	3.7	7.3	4.3	4.3
PRINCEVILLE	3.0	3.3	7.0	3.3	4.2
SR 7150	2.0	4.0	7.0	3.7	4.2
PENNCROSS	1.3	4.0	6.3	4.7	4.1
SEASIDE	1.7	4.3	6.3	3.7	4.0
BENGAL	2.7	3.3	5.3	3.3	3.7
LSD VALUE	2.4	1.0	3.0	2.5	2.2
C.V. (%)	30.3	16.5	27.3	35.1	27.3

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

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

3/ PINK SNOW MOLD RATED AT IA1" IN 2006, AT "ND1" IN 2005, AT "VA1" IN 2004, AND AT "WA1" IN 2007.

TABLE 29B. PINK SNOW MOLD RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission of NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/					
NAME	IA1	ND1	VA1	WA1	MEAN
DECLARATION	7.3	3.7	8.0	6.7	6.4
ALPHA	7.7	3.7	7.7	5.7	6.2
RUNNER (IS-AP 14)	7.3	3.7	8.0	4.7	5.9
CRYSTAL BLUELINKS (PST-OEB)	6.3	3.3	7.7	5.0	5.6
T-1	7.0	4.0	6.7	4.0	5.4
SR 1150 (SRX 1PDH)	8.0	3.0	7.3	3.3	5.4
KINGPIN (9200)	8.0	3.3	6.0	3.7	5.3
PENNEAGLE II	6.0	3.3	7.3	4.3	5.3
13-M	3.0	3.7	7.3	6.0	5.0
INDEPENDENCE	6.7	3.0	6.3	3.7	4.9
SHARK (23R)	6.0	2.7	6.0	4.7	4.8
L-93	3.3	4.0	6.7	5.0	4.8
AUTHORITY (235050)	4.7	3.3	6.7	4.0	4.7
SR 1119	5.0	3.3	6.3	4.0	4.7
MACKENZIE (SRX 1GPD)	5.3	3.3	6.7	3.0	4.6
LS-44	2.0	3.3	7.7	4.7	4.4
PENNLINKS II	1.7	3.7	7.3	4.3	4.3
PRINCEVILLE	3.0	3.3	7.0	3.3	4.2
PENNCROSS	1.3	4.0	6.3	4.7	4.1
SEASIDE	1.7	4.3	6.3	3.7	4.0
BENGAL	2.7	3.3	5.3	3.3	3.7
LSD VALUE	2.2	1.0	2.8	2.5	2.1
C.V. (%)	28.2	16.9	25.6	35.6	26.6

TABLE 29C. PINK SNOW MOLD RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/					
NAME	IA1	ND1	VA1	WA1	MEAN
BARDOT	5.3	4.3	8.3	6.0	6.0
PST-9NBC	5.7	4.3	8.0	5.7	5.9
EWTR	6.0	4.0	6.3	5.0	5.3
TIGER II	4.7	3.3	5.3	7.0	5.1
GREENTIME (IS-AT 7)	3.7	4.7	6.0	3.7	4.5
PST-9VN	5.7	3.7	4.7	3.3	4.3
SR 7150	2.0	4.0	7.0	3.7	4.2
LSD VALUE	2.8	1.0	3.4	2.7	2.5
C.V. (%)	36.4	15.2	32.4	33.9	29.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
3/ PINK SNOW MOLD RATED AT IA1" IN 2006, AT "ND1" IN 2005, AT "VA1" IN 2004, AND AT "WA1" IN 2007.

TABLE 30A. FIERY SKIPPER LARVAE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

FIERY SKIPPER LARVAE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	CA7
PENNLINKS II	8.7
RUNNER (IS-AP 14)	8.7
ALPHA	8.3
MACKENZIE (SRX 1GPD)	8.3
SHARK (23R)	8.3
SR 1119	8.3
GREENTIME (IS-AT 7)	6.3
13-M	6.0
KINGPIN (9200)	6.0
LS-44	6.0
PENNEAGLE II	6.0
SR 1150 (SRX 1PDH)	6.0
TIGER II	6.0
BENGAL	5.7
PRINCEVILLE	5.7
SEASIDE	5.7
INDEPENDENCE	5.3
CRYSTAL BLUELINKS (PST-OEB)	3.7
DECLARATION	3.7
EWTR	3.7
PENNCROSS	3.7
PST-9NBC	3.7
PST-9VN	3.7
SR 7150	3.7
T-1	3.7
AUTHORITY (235050)	3.3
BARDOT	3.3
L-93	1.0
LSD VALUE	6.1
C.V. (%)	69.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FIERY SKIPPER LARVAE RATED IN 2005 ONLY.

TABLE 30B. FIERY SKIPPER LARVAE RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

FIERY SKIPPER LARVAE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	CA7
PENNLINKS II	8.7
RUNNER (IS-AP 14)	8.7
ALPHA	8.3
MACKENZIE (SRX 1GPD)	8.3
SHARK (23R)	8.3
SR 1119	8.3
13-M	6.0
KINGPIN (9200)	6.0
LS-44	6.0
PENNEAGLE II	6.0
SR 1150 (SRX 1PDH)	6.0
BENGAL	5.7
PRINCEVILLE	5.7
SEASIDE	5.7
INDEPENDENCE	5.3
CRYSTAL BLUELINKS (PST-OEB)	3.7
DECLARATION	3.7
PENNCROSS	3.7
T-1	3.7
AUTHORITY (235050)	3.3
L-93	1.0
LSD VALUE	5.7
C.V. (%)	60.8

TABLE 30C. FIERY SKIPPER LARVAE RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

FIERY SKIPPER LARVAE RATINGS 1-9; 9=NO DAMAGE 2/ 3/

NAME	CA7
GREENTIME (IS-AT 7)	6.3
TIGER II	6.0
EWTR	3.7
PST-9NBC	3.7
PST-9VN	3.7
SR 7150	3.7
BARDOT	3.3
LSD VALUE	7.2
C.V. (%)	103.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ FIERY SKIPPER LARVAE RATED IN 2005 ONLY.

TABLE 31A. FALL COLOR (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	ND1	MEAN
SR 7150	8.3	6.7	7.5
TIGER II	8.3	6.7	7.5
T-1	6.7	8.0	7.3
PST-9VN	7.3	7.3	7.3
PST-9NBC	7.7	6.7	7.2
GREENTIME (IS-AT 7)	8.0	6.3	7.2
CRYSTAL BLUELINKS (PST-OEB)	7.7	6.3	7.0
KINGPIN (9200)	7.3	6.7	7.0
PENNLINKS II	7.0	7.0	7.0
SR 1119	7.7	6.3	7.0
MACKENZIE (SRX 1GPD)	7.7	6.0	6.8
13-M	7.3	6.3	6.8
ALPHA	6.7	6.7	6.7
BENGAL	7.0	6.3	6.7
INDEPENDENCE	7.3	6.0	6.7
PENNEAGLE II	7.3	6.0	6.7
RUNNER (IS-AP 14)	7.3	6.0	6.7
SHARK (23R)	7.3	6.0	6.7
SR 1150 (SRX 1PDH)	7.3	6.0	6.7
AUTHORITY (235050)	7.3	5.7	6.5
BARDOT	7.3	5.7	6.5
DECLARATION	7.0	6.0	6.5
EWTR	7.0	6.0	6.5
L-93	7.0	6.0	6.5
LS-44	7.0	6.0	6.5
PRINCEVILLE	7.0	6.0	6.5
PENNCROSS	6.7	6.0	6.3
SEASIDE	6.7	5.0	5.8
LSD VALUE	1.0	0.8	0.9
C.V. (%)	8.5	7.6	8.0

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

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

3/ FALL COLOR (SEPTEMBER) RATED AT "CA7" IN 2005 AND AT "ND1" IN 2004.

TABLE 31B. FALL COLOR (SEPTEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission of NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	CA7	ND1	MEAN
T-1	6.7	8.0	7.3
CRYSTAL BLUELINKS (PST-OEB)	7.7	6.3	7.0
KINGPIN (9200)	7.3	6.7	7.0
PENNLINKS II	7.0	7.0	7.0
SR 1119	7.7	6.3	7.0
MACKENZIE (SRX 1GPD)	7.7	6.0	6.8
13-M	7.3	6.3	6.8
ALPHA	6.7	6.7	6.7
BENGAL	7.0	6.3	6.7
INDEPENDENCE	7.3	6.0	6.7
PENNEAGLE II	7.3	6.0	6.7
RUNNER (IS-AP 14)	7.3	6.0	6.7
SHARK (23R)	7.3	6.0	6.7
SR 1150 (SRX 1PDH)	7.3	6.0	6.7
AUTHORITY (235050)	7.3	5.7	6.5
DECLARATION	7.0	6.0	6.5
L-93	7.0	6.0	6.5
LS-44	7.0	6.0	6.5
PRINCEVILLE	7.0	6.0	6.5
PENNCROSS	6.7	6.0	6.3
SEASIDE	6.7	5.0	5.8
LSD VALUE	0.9	0.7	0.8
C.V. (%)	8.1	7.3	7.7

TABLE 31C. FALL COLOR (SEPTEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	CA7	ND1	MEAN
SR 7150	8.3	6.7	7.5
TIGER II	8.3	6.7	7.5
PST-9VN	7.3	7.3	7.3
PST-9NBC	7.7	6.7	7.2
GREENTIME (IS-AT 7)	8.0	6.3	7.2
BARDOT	7.3	5.7	6.5
EWTR	7.0	6.0	6.5
LSD VALUE	1.2	0.9	1.0
C.V. (%)	9.4	8.3	8.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ FALL COLOR (SEPTEMBER) RATED AT "CA7" IN 2005 AND AT "ND1" IN 2004.

TABLE 32A. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	ND1	VA1	MEAN
T-1	7.0	7.3	8.0	7.4
13-M	8.0	5.3	8.0	7.1
BENGAL	7.3	5.3	8.3	7.0
KINGPIN (9200)	7.3	5.7	8.0	7.0
L-93	7.7	5.3	8.0	7.0
SR 1119	7.7	5.0	8.3	7.0
INDEPENDENCE	8.0	5.0	7.7	6.9
PST-9VN	7.7	6.0	7.0	6.9
ALPHA	7.3	5.3	8.0	6.9
LS-44	7.3	5.3	8.0	6.9
PENNCROSS	7.0	5.0	8.3	6.8
SR 1150 (SRX 1PDH)	7.3	5.3	7.7	6.8
CRYSTAL BLUELINKS (PST-OEB)	7.7	5.0	7.3	6.7
DECLARATION	7.3	5.0	7.7	6.7
PENNEAGLE II	7.3	5.0	7.7	6.7
PENNLINKS II	7.0	5.0	8.0	6.7
TIGER II	7.7	5.7	6.7	6.7
AUTHORITY (235050)	7.3	4.7	7.7	6.6
GREENTIME (IS-AT 7)	7.7	5.3	6.7	6.6
MACKENZIE (SRX 1GPD)	7.3	4.7	7.7	6.6
PST-9NBC	7.7	5.0	7.0	6.6
RUNNER (IS-AP 14)	7.7	4.7	7.3	6.6
SHARK (23R)	7.3	4.7	7.7	6.6
SR 7150	7.7	5.0	6.7	6.4
EWTR	7.7	4.7	6.7	6.3
PRINCEVILLE	7.3	4.7	7.0	6.3
BARDOT	7.7	4.3	6.0	6.0
SEASIDE	7.0	4.0	6.3	5.8
LSD VALUE	0.9	1.0	1.1	1.0
C.V. (%)	7.3	12.6	9.0	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.

3/ FALL COLOR (OCTOBER) RATED AT "CA7" IN 2005, AT "ND1" IN 2004, AND AT "VA1" IN 2006.

TABLE 32B. FALL COLOR (OCTOBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	ND1	VA1	MEAN
T-1	7.0	7.3	8.0	7.4
13-M	8.0	5.3	8.0	7.1
BENGAL	7.3	5.3	8.3	7.0
KINGPIN (9200)	7.3	5.7	8.0	7.0
L-93	7.7	5.3	8.0	7.0
SR 1119	7.7	5.0	8.3	7.0
INDEPENDENCE	8.0	5.0	7.7	6.9
ALPHA	7.3	5.3	8.0	6.9
LS-44	7.3	5.3	8.0	6.9
PENNCROSS	7.0	5.0	8.3	6.8
SR 1150 (SRX 1PDH)	7.3	5.3	7.7	6.8
CRYSTAL BLUELINKS (PST-OEB)	7.7	5.0	7.3	6.7
DECLARATION	7.3	5.0	7.7	6.7
PENNEAGLE II	7.3	5.0	7.7	6.7
PENNLINKS II	7.0	5.0	8.0	6.7
AUTHORITY (235050)	7.3	4.7	7.7	6.6
MACKENZIE (SRX 1GPD)	7.3	4.7	7.7	6.6
RUNNER (IS-AP 14)	7.7	4.7	7.3	6.6
SHARK (23R)	7.3	4.7	7.7	6.6
PRINCEVILLE	7.3	4.7	7.0	6.3
SEASIDE	7.0	4.0	6.3	5.8
LSD VALUE	0.9	1.0	1.2	1.0
C.V. (%)	7.2	11.6	9.5	9.4

TABLE 32C. FALL COLOR (OCTOBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	ND1	VA1	MEAN
PST-9VN	7.7	6.0	7.0	6.9
TIGER II	7.7	5.7	6.7	6.7
GREENTIME (IS-AT 7)	7.7	5.3	6.7	6.6
PST-9NBC	7.7	5.0	7.0	6.6
SR 7150	7.7	5.0	6.7	6.4
EWTR	7.7	4.7	6.7	6.3
BARDOT	7.7	4.3	6.0	6.0
LSD VALUE	0.9	1.3	0.7	1.0
C.V. (%)	7.5	15.3	6.5	9.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FALL COLOR (OCTOBER) RATED AT "CA7" IN 2005, AT "ND1" IN 2004, AND AT "VA1" IN 2006.

TABLE 33A. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	ND1	NJ1	MEAN
PST-9NBC	7.7	4.3	4.3	4.8
BENGAL	7.7	3.4	7.7	4.5
TIGER II	7.3	4.1	3.3	4.4
PENNEAGLE II	7.3	3.6	6.7	4.4
EWTR	7.7	4.1	2.7	4.4
PENNLINKS II	7.3	3.3	7.7	4.4
CRYSTAL BLUELINKS (PST-OEB)	7.7	3.2	7.7	4.3
LS-44	7.0	3.6	6.0	4.3
L-93	8.0	3.3	6.0	4.3
PRINCEVILLE	7.3	3.3	6.7	4.3
RUNNER (IS-AP 14)	7.3	3.4	6.0	4.3
PST-9VN	7.7	3.8	3.3	4.2
13-M	8.0	3.3	5.7	4.2
ALPHA	7.3	3.4	5.7	4.2
SEASIDE	7.0	3.4	5.7	4.2
GREENTIME (IS-AT 7)	7.7	3.8	2.7	4.1
DECLARATION	7.3	3.3	5.3	4.1
PENNCROSS	7.0	3.4	5.0	4.1
INDEPENDENCE	8.0	3.2	5.0	4.0
KINGPIN (9200)	7.0	3.3	5.3	4.0
SR 1119	7.3	3.1	6.0	4.0
BARDOT	7.3	3.7	2.7	4.0
SHARK (23R)	7.3	3.2	5.3	4.0
MACKENZIE (SRX 1GPD)	7.3	3.2	5.0	4.0
AUTHORITY (235050)	7.3	2.9	6.7	3.9
T-1	7.0	3.3	4.3	3.9
SR 7150	8.0	3.2	3.3	3.8
SR 1150 (SRX 1PDH)	7.3	3.0	4.7	3.8
LSD VALUE	0.8	1.1	1.6	1.1
C.V. (%)	6.9	19.5	18.8	17.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FALL COLOR (NOVEMBER) RATED AT "CA7" & AT "NJ1" IN 2005, AND AT "ND1" IN 2004 & 2006-07.

TABLE 33B. FALL COLOR (NOVEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/				
NAME	CA7	ND1	NJ1	MEAN
BENGAL	7.7	3.4	7.7	4.5
PENNEAGLE II	7.3	3.6	6.7	4.4
PENNLINKS II	7.3	3.3	7.7	4.4
CRYSTAL BLUELINKS (PST-OEB)	7.7	3.2	7.7	4.3
LS-44	7.0	3.6	6.0	4.3
L-93	8.0	3.3	6.0	4.3
PRINCEVILLE	7.3	3.3	6.7	4.3
RUNNER (IS-AP 14)	7.3	3.4	6.0	4.3
13-M	8.0	3.3	5.7	4.2
ALPHA	7.3	3.4	5.7	4.2
SEASIDE	7.0	3.4	5.7	4.2
DECLARATION	7.3	3.3	5.3	4.1
PENNCROSS	7.0	3.4	5.0	4.1
INDEPENDENCE	8.0	3.2	5.0	4.0
KINGPIN (9200)	7.0	3.3	5.3	4.0
SR 1119	7.3	3.1	6.0	4.0
SHARK (23R)	7.3	3.2	5.3	4.0
MACKENZIE (SRX 1GPD)	7.3	3.2	5.0	4.0
AUTHORITY (235050)	7.3	2.9	6.7	3.9
T-1	7.0	3.3	4.3	3.9
SR 1150 (SRX 1PDH)	7.3	3.0	4.7	3.8
LSD VALUE	0.8	1.2	1.6	1.1
C.V. (%)	6.8	20.9	17.2	18.7

TABLE 33C. FALL COLOR (NOVEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/ 3/				
NAME	CA7	ND1	NJ1	MEAN
PST-9NBC	7.7	4.3	4.3	4.8
TIGER II	7.3	4.1	3.3	4.4
EWTR	7.7	4.1	2.7	4.4
PST-9VN	7.7	3.8	3.3	4.2
GREENTIME (IS-AT 7)	7.7	3.8	2.7	4.1
BARDOT	7.3	3.7	2.7	4.0
SR 7150	8.0	3.2	3.3	3.8
LSD VALUE	0.9	1.0	1.4	1.0
C.V. (%)	7.0	16.1	27.4	15.4

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ FALL COLOR (NOVEMBER) RATED AT "CA7" & AT "NJ1" IN 2005, AND AT "ND1" IN 2004 & 2006-07.

TABLE 34A. FALL COLOR (DECEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

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

NAME	CA7	MA1	MEAN
CRYSTAL BLUELINKS (PST-OEB)	7.7	5.0	6.3
PENNLINKS II	7.7	5.0	6.3
BENGAL	8.0	4.3	6.2
RUNNER (IS-AP 14)	7.7	4.0	5.8
L-93	8.0	3.7	5.8
INDEPENDENCE	8.0	3.3	5.7
DECLARATION	7.0	4.3	5.7
T-1	7.0	4.3	5.7
13-M	8.0	3.0	5.5
ALPHA	7.3	3.7	5.5
GREENTIME (IS-AT 7)	7.3	3.7	5.5
SR 1150 (SRX 1PDH)	7.7	3.3	5.5
SR 1119	7.7	3.0	5.3
AUTHORITY (235050)	7.0	3.7	5.3
KINGPIN (9200)	7.0	3.7	5.3
LS-44	7.0	3.7	5.3
PENNEAGLE II	7.3	3.3	5.3
PRINCEVILLE	7.3	3.3	5.3
TIGER II	7.3	3.3	5.3
SHARK (23R)	7.0	3.3	5.2
MACKENZIE (SRX 1GPD)	7.3	3.0	5.2
BARDOT	7.3	2.7	5.0
EWTR	7.7	2.3	5.0
PENNCROSS	7.0	3.0	5.0
PST-9NBC	8.0	2.0	5.0
PST-9VN	7.7	2.3	5.0
SR 7150	7.7	2.3	5.0
SEASIDE	6.7	2.7	4.7
LSD VALUE	0.7	0.9	0.8
C.V. (%)	5.9	16.3	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.
- 3/ FALL COLOR (DECEMBER) RATED AT "CA7" IN 2005 AND AT "MA1" IN 2004.

TABLE 34B. FALL COLOR (DECEMBER) RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	CA7	MA1	MEAN
CRYSTAL BLUELINKS (PST-0EB)	7.7	5.0	6.3
PENNLINKS II	7.7	5.0	6.3
BENGAL	8.0	4.3	6.2
RUNNER (IS-AP 14)	7.7	4.0	5.8
L-93	8.0	3.7	5.8
INDEPENDENCE	8.0	3.3	5.7
DECLARATION	7.0	4.3	5.7
T-1	7.0	4.3	5.7
13-M	8.0	3.0	5.5
ALPHA	7.3	3.7	5.5
SR 1150 (SRX 1PDH)	7.7	3.3	5.5
SR 1119	7.7	3.0	5.3
AUTHORITY (235050)	7.0	3.7	5.3
KINGPIN (9200)	7.0	3.7	5.3
LS-44	7.0	3.7	5.3
PENNEAGLE II	7.3	3.3	5.3
PRINCEVILLE	7.3	3.3	5.3
SHARK (23R)	7.0	3.3	5.2
MACKENZIE (SRX 1GPD)	7.3	3.0	5.2
PENNCROSS	7.0	3.0	5.0
SEASIDE	6.7	2.7	4.7
LSD VALUE	0.6	0.9	0.8
C.V. (%)	5.4	15.4	10.4

TABLE 34C. FALL COLOR (DECEMBER) RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

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

NAME	CA7	MA1	MEAN
GREENTIME (IS-AT 7)	7.3	3.7	5.5
TIGER II	7.3	3.3	5.3
BARDOT	7.3	2.7	5.0
EWTR	7.7	2.3	5.0
PST-9NBC	8.0	2.0	5.0
PST-9VN	7.7	2.3	5.0
SR 7150	7.7	2.3	5.0
LSD VALUE	0.9	0.9	0.9
C.V. (%)	7.1	20.0	13.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ FALL COLOR (DECEMBER) RATED AT "CA7" IN 2005 AND AT "MA1" IN 2004.

TABLE 35A. POA ANNUA RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/				
NAME	IN1	ND1	PA1	MEAN
SHARK (23R)	8.8	7.3	8.0	8.3
INDEPENDENCE	8.4	7.5	7.7	8.1
T-1	8.4	7.8	6.3	8.0
RUNNER (IS-AP 14)	8.4	7.0	7.7	8.0
13-M	8.3	7.8	6.0	8.0
AUTHORITY (235050)	8.0	7.7	7.3	7.9
DECLARATION	7.7	8.0	7.3	7.9
MACKENZIE (SRX 1GPD)	7.7	7.8	7.0	7.8
PENNEAGLE II	8.3	7.2	6.7	7.8
L-93	8.0	7.8	6.0	7.8
KINGPIN (9200)	7.9	7.3	6.7	7.8
SR 1150 (SRX 1PDH)	8.3	6.5	7.7	7.8
ALPHA	7.9	7.0	6.3	7.6
CRYSTAL BLUELINKS (PST-OEB)	7.8	7.0	6.3	7.5
LS-44	7.4	6.5	6.7	7.3
PRINCEVILLE	7.0	7.5	4.7	7.0
SR 1119	6.8	7.0	5.3	6.9
PENNCROSS	6.4	7.7	5.0	6.9
BENGAL	7.0	6.2	6.0	6.9
PENNLINKS II	6.6	7.0	4.7	6.7
EWTR	4.6	7.8	4.7	6.0
BARDOT	4.9	7.3	4.0	6.0
TIGER II	4.3	7.7	5.0	6.0
GREENTIME (IS-AT 7)	4.4	7.3	5.3	6.0
SR 7150	3.9	7.2	4.7	5.5
PST-9NBC	3.2	7.7	4.7	5.3
SEASIDE	3.4	7.2	3.3	5.3
PST-9VN	2.8	6.7	3.7	4.8
LSD VALUE	2.1	0.9	0.8	1.2
C.V. (%)	19.7	8.5	8.9	14.0

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

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

3/ POA ANNUA RATED AT "IN1" IN 2005-07, AT "ND1" IN 2004-05, AND AT "PA1" IN 2006.

TABLE 35B. POA ANNUA RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/				
NAME	IN1	ND1	PA1	MEAN
SHARK (23R)	8.8	7.3	8.0	8.3
INDEPENDENCE	8.4	7.5	7.7	8.1
T-1	8.4	7.8	6.3	8.0
RUNNER (IS-AP 14)	8.4	7.0	7.7	8.0
13-M	8.3	7.8	6.0	8.0
AUTHORITY (235050)	8.0	7.7	7.3	7.9
DECLARATION	7.7	8.0	7.3	7.9
MACKENZIE (SRX 1GPD)	7.7	7.8	7.0	7.8
PENNEAGLE II	8.3	7.2	6.7	7.8
L-93	8.0	7.8	6.0	7.8
KINGPIN (9200)	7.9	7.3	6.7	7.8
SR 1150 (SRX 1PDH)	8.3	6.5	7.7	7.8
ALPHA	7.9	7.0	6.3	7.6
CRYSTAL BLUELINKS (PST-OEB)	7.8	7.0	6.3	7.5
LS-44	7.4	6.5	6.7	7.3
PRINCEVILLE	7.0	7.5	4.7	7.0
SR 1119	6.8	7.0	5.3	6.9
PENNCROSS	6.4	7.7	5.0	6.9
BENGAL	7.0	6.2	6.0	6.9
PENNLINKS II	6.6	7.0	4.7	6.7
SEASIDE	3.4	7.2	3.3	5.3
LSD VALUE	1.6	1.0	0.8	1.0
C.V. (%)	13.0	9.1	7.7	10.4

TABLE 35C. POA ANNUA RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

POA ANNUA RATINGS 1-9; 9=NONE 2/ 3/				
NAME	IN1	ND1	PA1	MEAN
EWTR	4.6	7.8	4.7	6.0
BARDOT	4.9	7.3	4.0	6.0
TIGER II	4.3	7.7	5.0	6.0
GREENTIME (IS-AT 7)	4.4	7.3	5.3	6.0
SR 7150	3.9	7.2	4.7	5.5
PST-9NBC	3.2	7.7	4.7	5.3
PST-9VN	2.8	6.7	3.7	4.8
LSD VALUE	3.2	0.6	1.0	1.7
C.V. (%)	50.7	6.2	13.5	26.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ POA ANNUA RATED AT "IN1" IN 2005-07, AT "ND1" IN 2004-05, AND AT "PA1" IN 2006.

TABLE 36A. MOWING QUALITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/			
NAME	MD1	ND1	MEAN
GREENTIME (IS-AT 7)	8.5	5.7	7.6
TIGER II	8.3	6.0	7.6
PST-9VN	8.2	5.7	7.3
BARDOT	8.3	5.0	7.2
EWTR	8.3	5.0	7.2
SR 7150	7.7	5.7	7.0
PST-9NBC	7.8	5.0	6.9
ALPHA	7.7	5.0	6.8
KINGPIN (9200)	8.2	4.0	6.8
MACKENZIE (SRX 1GPD)	8.0	4.3	6.8
AUTHORITY (235050)	7.7	4.7	6.7
SR 1150 (SRX 1PDH)	7.8	4.3	6.7
BENGAL	7.7	4.3	6.6
L-93	7.3	4.7	6.4
13-M	7.5	4.3	6.4
SHARK (23R)	7.8	3.7	6.4
SR 1119	7.8	3.7	6.4
T-1	7.3	4.7	6.4
CRYSTAL BLUELINKS (PST-OEB)	7.2	4.7	6.3
LS-44	7.5	3.7	6.2
PENNEAGLE II	7.0	4.3	6.1
RUNNER (IS-AP 14)	7.2	4.0	6.1
DECLARATION	6.8	4.3	6.0
INDEPENDENCE	7.0	4.0	6.0
PRINCEVILLE	6.0	5.0	5.7
PENNLINKS II	5.8	5.0	5.6
PENNCROSS	6.5	3.7	5.6
SEASIDE	4.0	5.7	4.6
LSD VALUE	0.8	1.3	1.0
C.V. (%)	6.8	17.7	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.
- 3/ MOWING QUALITY RATED AT "MD1" IN 2005 & 2007, AND AT "ND1" IN 2004.

TABLE 36B. MOWING QUALITY RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission of NTEP
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/			
NAME	MD1	ND1	MEAN
ALPHA	7.7	5.0	6.8
KINGPIN (9200)	8.2	4.0	6.8
MACKENZIE (SRX 1GPD)	8.0	4.3	6.8
AUTHORITY (235050)	7.7	4.7	6.7
SR 1150 (SRX 1PDH)	7.8	4.3	6.7
BENGAL	7.7	4.3	6.6
L-93	7.3	4.7	6.4
13-M	7.5	4.3	6.4
SHARK (23R)	7.8	3.7	6.4
SR 1119	7.8	3.7	6.4
T-1	7.3	4.7	6.4
CRYSTAL BLUELINKS (PST-OEB)	7.2	4.7	6.3
LS-44	7.5	3.7	6.2
PENNEAGLE II	7.0	4.3	6.1
RUNNER (IS-AP 14)	7.2	4.0	6.1
DECLARATION	6.8	4.3	6.0
INDEPENDENCE	7.0	4.0	6.0
PRINCEVILLE	6.0	5.0	5.7
PENNLINKS II	5.8	5.0	5.6
PENNCROSS	6.5	3.7	5.6
SEASIDE	4.0	5.7	4.6
LSD VALUE	0.9	1.2	1.0
C.V. (%)	7.6	17.3	10.8

TABLE 36C. MOWING QUALITY RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

MOWING QUALITY RATINGS 1-9; 9=CLEANEST CUT 2/ 3/			
NAME	MD1	ND1	MEAN
GREENTIME (IS-AT 7)	8.5	5.7	7.6
TIGER II	8.3	6.0	7.6
PST-9VN	8.2	5.7	7.3
BARDOT	8.3	5.0	7.2
EWTR	8.3	5.0	7.2
SR 7150	7.7	5.7	7.0
PST-9NBC	7.8	5.0	6.9
LSD VALUE	0.4	1.6	0.8
C.V. (%)	3.6	18.4	8.6

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ MOWING QUALITY RATED AT "MD1" IN 2005 & 2007, AND AT "ND1" IN 2004.

TABLE 37A. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/
2004-07 DATA

NAME	CA7	IA1	IL1	MD1	NJ1	VA1	WA1	MEAN
PRINCEVILLE	72.7	70.0	94.7	63.3	98.0	97.7	63.3	80.0
PENNCROSS	63.3	66.7	97.7	48.3	94.3	97.7	66.7	76.4
DECLARATION	70.3	63.3	91.7	41.7	91.0	99.0	73.3	75.8
SEASIDE	50.0	80.0	94.7	43.3	94.3	97.7	70.0	75.7
RUNNER (IS-AP 14)	76.7	68.3	96.3	40.0	83.3	97.7	66.7	75.6
13-M	68.3	61.7	96.3	45.0	88.3	99.0	70.0	75.5
PENNEAGLE II	61.7	60.0	96.3	48.3	91.7	96.0	70.0	74.9
SHARK (23R)	70.3	60.0	91.7	41.7	88.3	99.0	70.0	74.4
L-93	50.3	68.3	94.7	56.7	81.7	97.7	70.0	74.2
PENNLINKS II	50.0	63.3	96.3	45.0	95.3	99.0	70.0	74.1
CRYSTAL BLUELINKS (PST-OEB)	63.7	51.7	97.7	41.7	95.0	99.0	70.0	74.1
PST-9NBC	70.7	51.7	96.3	38.3	90.0	99.0	70.0	73.7
INDEPENDENCE	60.7	63.3	96.3	38.3	86.0	97.7	70.0	73.2
AUTHORITY (235050)	69.3	57.0	95.0	45.0	85.0	96.3	60.0	72.5
ALPHA	65.0	63.3	95.0	46.7	70.0	99.0	66.7	72.2
T-1	46.7	58.3	97.7	50.0	76.7	99.0	70.0	71.2
LS-44	64.0	63.3	91.3	36.7	85.0	93.0	56.7	70.0
TIGER II	66.0	56.7	86.7	35.0	81.7	96.3	66.7	69.9
SR 7150	64.3	48.3	95.0	30.0	94.3	96.3	60.0	69.8
PST-9VN	52.3	55.0	86.7	28.3	93.3	97.7	70.0	69.0
MACKENZIE (SRX 1GPD)	59.0	60.0	91.7	35.0	71.7	99.0	66.7	69.0
SR 1150 (SRX 1PDH)	51.0	58.3	93.3	35.0	81.7	97.7	60.0	68.1
GREENTIME (IS-AT 7)	29.7	56.7	91.7	33.3	95.3	97.7	70.0	67.8
BENGAL	43.3	60.0	97.7	30.0	60.0	98.7	66.7	65.2
EWTR	50.0	60.0	76.7	35.0	71.7	93.0	70.0	65.2
KINGPIN (9200)	54.7	58.3	93.0	26.7	61.7	96.0	60.0	64.3
SR 1119	55.7	58.3	86.7	26.7	51.7	97.7	53.3	61.4
BARDOT	37.3	50.0	66.7	36.7	55.0	93.3	53.3	56.0
LSD VALUE	31.3	10.5	7.9	9.3	16.4	4.4	11.2	5.8
C.V. (%)	33.2	10.8	5.3	14.5	12.4	2.8	10.6	13.4

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

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

Taken from the full 2003 Bentgrass (Fairway/Tee) test final report with permission from NTEP
 TABLE 37B. PERCENT ESTABLISHMENT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2004-07 DATA

NAME	CA7	IA1	IL1	MD1	NJ1	VA1	WA1	MEAN
PRINCEVILLE	72.7	70.0	94.7	63.3	98.0	97.7	63.3	80.0
PENNCROSS	63.3	66.7	97.7	48.3	94.3	97.7	66.7	76.4
DECLARATION	70.3	63.3	91.7	41.7	91.0	99.0	73.3	75.8
SEASIDE	50.0	80.0	94.7	43.3	94.3	97.7	70.0	75.7
RUNNER (IS-AP 14)	76.7	68.3	96.3	40.0	83.3	97.7	66.7	75.6
13-M	68.3	61.7	96.3	45.0	88.3	99.0	70.0	75.5
PENNEAGLE II	61.7	60.0	96.3	48.3	91.7	96.0	70.0	74.9
SHARK (23R)	70.3	60.0	91.7	41.7	88.3	99.0	70.0	74.4
L-93	50.3	68.3	94.7	56.7	81.7	97.7	70.0	74.2
PENNLINKS II	50.0	63.3	96.3	45.0	95.3	99.0	70.0	74.1
CRYSTAL BLUELINKS (PST-OEB)	63.7	51.7	97.7	41.7	95.0	99.0	70.0	74.1
INDEPENDENCE	60.7	63.3	96.3	38.3	86.0	97.7	70.0	73.2
AUTHORITY (235050)	69.3	57.0	95.0	45.0	85.0	96.3	60.0	72.5
ALPHA	65.0	63.3	95.0	46.7	70.0	99.0	66.7	72.2
T-1	46.7	58.3	97.7	50.0	76.7	99.0	70.0	71.2
LS-44	64.0	63.3	91.3	36.7	85.0	93.0	56.7	70.0
MACKENZIE (SRX 1GPD)	59.0	60.0	91.7	35.0	71.7	99.0	66.7	69.0
SR 1150 (SRX 1PDH)	51.0	58.3	93.3	35.0	81.7	97.7	60.0	68.1
BENGAL	43.3	60.0	97.7	30.0	60.0	98.7	66.7	65.2
KINGPIN (9200)	54.7	58.3	93.0	26.7	61.7	96.0	60.0	64.3
SR 1119	55.7	58.3	86.7	26.7	51.7	97.7	53.3	61.4
LSD VALUE	31.8	10.7	6.1	9.7	17.2	4.0	10.5	5.9
C.V. (%)	32.8	10.7	4.0	14.3	12.9	2.5	9.9	13.3

TABLE 37C. PERCENT ESTABLISHMENT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/
 2004-07 DATA

NAME	CA7	IA1	IL1	MD1	NJ1	VA1	WA1	MEAN
PST-9NBC	70.7	51.7	96.3	38.3	90.0	99.0	70.0	73.7
TIGER II	66.0	56.7	86.7	35.0	81.7	96.3	66.7	69.9
SR 7150	64.3	48.3	95.0	30.0	94.3	96.3	60.0	69.8
PST-9VN	52.3	55.0	86.7	28.3	93.3	97.7	70.0	69.0
GREENTIME (IS-AT 7)	29.7	56.7	91.7	33.3	95.3	97.7	70.0	67.8
EWTR	50.0	60.0	76.7	35.0	71.7	93.0	70.0	65.2
BARDOT	37.3	50.0	66.7	36.7	55.0	93.3	53.3	56.0
LSD VALUE	29.5	9.8	11.7	8.2	14.1	5.5	13.1	5.7
C.V. (%)	34.6	11.2	8.5	15.1	10.6	3.6	12.4	13.8

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

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

TABLE 38A. SCALPING RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/				
NAME	KS1	NJ1	PA1	MEAN
BARDOT	9.0	9.0	9.0	9.0
EWTR	9.0	9.0	9.0	9.0
PST-9NBC	9.0	9.0	9.0	9.0
PST-9VN	9.0	9.0	9.0	9.0
GREENTIME (IS-AT 7)	8.7	9.0	9.0	8.9
SR 7150	8.7	9.0	9.0	8.9
SEASIDE	8.3	9.0	9.0	8.9
TIGER II	8.3	9.0	9.0	8.9
PENNCROSS	8.7	8.7	9.0	8.7
SR 1119	7.3	7.7	8.7	8.1
ALPHA	7.3	7.3	8.3	8.1
PENNEAGLE II	7.7	7.5	6.7	7.8
BENGAL	6.0	7.0	8.3	7.7
PRINCEVILLE	7.7	6.5	9.0	7.7
PENNLINKS II	7.3	6.7	9.0	7.7
KINGPIN (9200)	7.0	7.3	7.7	7.6
MACKENZIE (SRX 1GPD)	6.3	7.2	8.3	7.5
L-93	6.7	7.2	8.3	7.4
CRYSTAL BLUELINKS (PST-OEB)	5.0	6.5	9.0	7.3
T-1	7.0	7.3	8.7	7.3
13-M	7.0	6.0	9.0	7.0
LS-44	6.7	5.8	9.0	6.7
AUTHORITY (235050)	4.0	5.3	8.0	6.4
INDEPENDENCE	4.3	5.5	6.7	6.4
SHARK (23R)	6.3	5.3	7.0	6.2
RUNNER (IS-AP 14)	6.0	5.0	7.0	5.9
SR 1150 (SRX 1PDH)	4.3	5.7	6.0	5.7
DECLARATION	4.3	4.8	4.0	4.6
LSD VALUE	2.2	1.9	1.0	1.2
C.V. (%)	19.7	17.4	7.6	13.9

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ SCALPING RATED AT "KS1" & "PA1" IN 2004, AND AT "NJ1" IN 2005.

TABLE 38B. SCALPING RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/				
NAME	KS1	NJ1	PA1	MEAN
SEASIDE	8.3	9.0	9.0	8.9
PENNCROSS	8.7	8.7	9.0	8.7
SR 1119	7.3	7.7	8.7	8.1
ALPHA	7.3	7.3	8.3	8.1
PENNEAGLE II	7.7	7.5	6.7	7.8
BENGAL	6.0	7.0	8.3	7.7
PRINCEVILLE	7.7	6.5	9.0	7.7
PENNLINKS II	7.3	6.7	9.0	7.7
KINGPIN (9200)	7.0	7.3	7.7	7.6
MACKENZIE (SRX 1GPD)	6.3	7.2	8.3	7.5
L-93	6.7	7.2	8.3	7.4
CRYSTAL BLUELINKS (PST-OEB)	5.0	6.5	9.0	7.3
T-1	7.0	7.3	8.7	7.3
13-M	7.0	6.0	9.0	7.0
LS-44	6.7	5.8	9.0	6.7
AUTHORITY (235050)	4.0	5.3	8.0	6.4
INDEPENDENCE	4.3	5.5	6.7	6.4
SHARK (23R)	6.3	5.3	7.0	6.2
RUNNER (IS-AP 14)	6.0	5.0	7.0	5.9
SR 1150 (SRX 1PDH)	4.3	5.7	6.0	5.7
DECLARATION	4.3	4.8	4.0	4.6
LSD VALUE	2.5	2.2	1.2	1.4
C.V. (%)	24.3	22.6	9.1	17.0

TABLE 38C. SCALPING RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE 1/
 2004-07 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/				
NAME	KS1	NJ1	PA1	MEAN
BARDOT	9.0	9	9	9.0
EWTR	9.0	9	9	9.0
PST-9NBC	9.0	9	9	9.0
PST-9VN	9.0	9	9	9.0
GREENTIME (IS-AT 7)	8.7	9	9	8.9
SR 7150	8.7	9	9	8.9
TIGER II	8.3	9	9	8.9
LSD VALUE	0.9	0	0	0.1
C.V. (%)	6.1	0	0	1.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
 3/ SCALPING RATED AT "KS1" & "PA1" IN 2004, AND AT "NJ1" IN 2005.

TABLE 39. YELLOW TUFT RATINGS OF CREEPING BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE 1/
2004-07 DATA

YELLOW TUFT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IL3
SEASIDE	8.7
EWTR	7.0
L-93	7.0
INDEPENDENCE	6.3
RUNNER (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.

3/ YELLOW TUFT RATED IN 2006 ONLY.

TABLE 40A. PERCENT TYPHULA BLIGHT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE 2/ 3/
2004-07 DATA

NAME	MA1
SHARK (23R)	45.3
MACKENZIE (SRX 1GPD)	44.0
BENGAL	41.3
PENNLINKS II	33.7
T-1	31.7
PRINCEVILLE	31.3
RUNNER (IS-AP 14)	28.7
KINGPIN (9200)	28.0
AUTHORITY (235050)	26.3
LS-44	26.3
SEASIDE	25.3
INDEPENDENCE	21.3
PENNEAGLE II	21.3
SR 1150 (SRX 1PDH)	20.3
ALPHA	19.7
CRYSTAL BLUELINKS (PST-OEB)	17.7
PENNCROSS	15.7
DECLARATION	14.3
SR 1119	13.0
L-93	12.7
13-M	11.7
SR 7150	8.3
GREENTIME (IS-AT 7)	4.7
BARDOT	4.3
EWTR	4.0
PST-9NBC	4.0
TIGER II	3.0
PST-9VN	2.3
LSD VALUE	27.8
C.V. (%)	86.5

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT TYPHULA BLIGHT RATED IN 2007 ONLY.

TABLE 40B. PERCENT TYPHULA BLIGHT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with percent typhula blight ratings
 GROWN ON A FAIRWAY OR TEE 2/ 3/
 2004-07 DATA

NAME	MA1
SHARK (23R)	45.3
MACKENZIE (SRX 1GPD)	44.0
BENGAL	41.3
PENNLINKS II	33.7
T-1	31.7
PRINCEVILLE	31.3
RUNNER (IS-AP 14)	28.7
KINGPIN (9200)	28.0
AUTHORITY (235050)	26.3
LS-44	26.3
SEASIDE	25.3
INDEPENDENCE	21.3
PENNEAGLE II	21.3
SR 1150 (SRX 1PDH)	20.3
ALPHA	19.7
CRYSTAL BLUELINKS (PST-OEB)	17.7
PENNCROSS	15.7
DECLARATION	14.3
SR 1119	13.0
L-93	12.7
13-M	11.7
LSD VALUE	31.9
C.V. (%)	78.6

TABLE 40C. PERCENT TYPHULA BLIGHT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE 2/ 3/
 2004-07 DATA

NAME	MA1
SR 7150	8.3
GREENTIME (IS-AT 7)	4.7
BARDOT	4.3
EWTR	4.0
PST-9NBC	4.0
TIGER II	3.0
PST-9VN	2.3
LSD VALUE	7.1
C.V. (%)	101.1

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ PERCENT TYPHULA BLIGHT RATED IN 2007 ONLY.

NAME	JUNE 2006	JUNE 2004	JULY 2004	AUG 2004	MEAN
RUNNER (IS-AP 14)	26.0	7.3	5.0	27.3	19.6
INDEPENDENCE	20.0	8.0	10.0	33.3	18.6
SHARK (23R)	20.0	5.7	2.0	20.3	14.7
BENGAL	13.0	6.0	10.0	30.0	14.2
MACKENZIE (SRX 1GPD)	19.0	5.3	2.3	14.7	13.2
PENNCROSS	16.3	2.0	5.0	18.7	12.4
GREENTIME (IS-AT 7)	21.7	3.7	1.0	0.0	11.6
SR 1119	13.7	5.0	5.0	16.7	11.3
PENNEAGLE II	15.0	5.0	3.3	12.7	11.0
T-1	9.0	6.7	9.3	20.7	10.6
SR 1150 (SRX 1PDH)	15.7	2.7	0.0	13.3	10.5
LS-44	11.3	7.7	6.0	14.3	10.3
CRYSTAL BLUELINKS (PST-OEB)	11.3	5.3	4.7	10.3	9.1
PRINCEVILLE	6.7	5.0	7.0	18.3	8.4
ALPHA	7.0	5.3	4.3	17.7	8.1
AUTHORITY (235050)	8.3	4.0	4.0	13.3	7.7
TIGER II	14.3	1.3	0.7	1.0	7.7
SR 7150	11.7	2.7	4.3	1.0	7.2
PST-9VN	12.3	0.0	4.0	1.0	7.0
BARDOT	12.7	0.0	1.0	1.0	6.7
EWTR	13.3	0.0	0.0	0.0	6.7
PENNLINKS II	10.0	4.3	2.7	3.3	6.7
L-93	4.0	7.3	5.0	13.7	6.3
KINGPIN (9200)	7.0	4.3	4.3	7.7	6.2
PST-9NBC	9.0	0.7	1.7	7.3	6.1
SEASIDE	6.3	3.3	2.0	3.3	4.6
13-M	3.0	1.0	0.7	4.0	2.4
DECLARATION	1.0	1.0	0.0	0.7	0.8
LSD VALUE	11.6	3.9	6.2	9.6	9.8
C.V. (%)	51.1	56.7	84.8	52.8	76.1

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.

Taken from the full 2003 Bentgrass (Fairway/Tee) test final report with permission from NTEP
 TABLE 41B. PERCENT DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 2/
 2004-07 DATA

NAME	JUNE 2006	JUNE 2004	JULY 2004	AUG 2004	MEAN
RUNNER (IS-AP 14)	26.0	7.3	5.0	27.3	19.6
INDEPENDENCE	20.0	8.0	10.0	33.3	18.6
SHARK (23R)	20.0	5.7	2.0	20.3	14.7
BENGAL	13.0	6.0	10.0	30.0	14.2
MACKENZIE (SRX 1GPD)	19.0	5.3	2.3	14.7	13.2
PENNCROSS	16.3	2.0	5.0	18.7	12.4
SR 1119	13.7	5.0	5.0	16.7	11.3
PENNEAGLE II	15.0	5.0	3.3	12.7	11.0
T-1	9.0	6.7	9.3	20.7	10.6
SR 1150 (SRX 1PDH)	15.7	2.7	0.0	13.3	10.5
LS-44	11.3	7.7	6.0	14.3	10.3
CRYSTAL BLUELINKS (PST-OEB)	11.3	5.3	4.7	10.3	9.1
PRINCEVILLE	6.7	5.0	7.0	18.3	8.4
ALPHA	7.0	5.3	4.3	17.7	8.1
AUTHORITY (235050)	8.3	4.0	4.0	13.3	7.7
PENNLINKS II	10.0	4.3	2.7	3.3	6.7
L-93	4.0	7.3	5.0	13.7	6.3
KINGPIN (9200)	7.0	4.3	4.3	7.7	6.2
SEASIDE	6.3	3.3	2.0	3.3	4.6
13-M	3.0	1.0	0.7	4.0	2.4
DECLARATION	1.0	1.0	0.0	0.7	0.8
LSD VALUE	8.8	4.6	7.1	11.9	7.1
C.V. (%)	45.0	46.8	77.4	47.1	60.8

TABLE 41C. PERCENT DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE AT LEXINGTON, KY 2/
 2004-07 DATA

NAME	JUNE 2006	JUNE 2004	JULY 2004	AUG 2004	MEAN
GREENTIME (IS-AT 7)	21.7	3.7	1.0	0.0	11.6
TIGER II	14.3	1.3	0.7	1.0	7.7
SR 7150	11.7	2.7	4.3	1.0	7.2
PST-9VN	12.3	0.0	4.0	1.0	7.0
BARDOT	12.7	0.0	1.0	1.0	6.7
EWTR	13.3	0.0	0.0	0.0	6.7
PST-9NBC	9.0	0.7	1.7	7.3	6.1
LSD VALUE	22.1	3.7	3.9	2.0	19.7
C.V. (%)	64.1	144.9	102.6	73.8	128.4

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

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

Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP

TABLE 42A.

DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEMONT, IL 1/
2004-07 DATA

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

NAME	JULY 2004	SEP 2004	OCT 2004	AUG 2006	SEP 2006	OCT 2006	MEAN
EWTR	7.7	9.0	9.0	.	.	.	8.6
TIGER II	7.7	9.0	9.0	.	.	.	8.6
DECLARATION	8.0	8.3	9.0	8.3	8.3	8.7	8.4
SR 7150	7.7	8.7	9.0	.	.	.	8.4
PST-9NBC	7.0	9.0	9.0	.	.	.	8.3
GREENTIME (IS-AT 7)	7.7	8.3	8.7	.	.	.	8.2
PENNLINKS II	8.0	8.3	8.7	8.0	9.0	7.0	8.2
PST-9VN	7.3	8.3	8.7	.	.	.	8.1
13-M	8.0	8.7	9.0	8.0	7.7	6.3	7.9
BARDOT	7.0	8.3	8.3	.	.	.	7.9
L-93	7.0	8.7	8.0	8.3	8.7	7.0	7.9
SEASIDE	7.0	8.0	7.7	8.0	8.7	8.0	7.9
KINGPIN (9200)	7.0	8.0	9.0	7.7	8.3	6.7	7.8
MACKENZIE (SRX 1GPD)	6.7	7.3	8.3	7.3	8.7	7.7	7.7
CRYSTAL BLUELINKS (PST-OEB)	6.0	8.0	7.3	7.7	8.7	7.0	7.4
SR 1150 (SRX 1PDH)	7.0	7.7	7.3	8.0	7.7	6.0	7.3
PRINCEVILLE	6.3	8.7	8.3	8.0	6.3	4.7	7.1
AUTHORITY (235050)	6.3	7.7	9.0	7.7	6.0	5.3	7.0
PENNEAGLE II	6.7	8.0	8.3	7.3	6.3	4.7	6.9
SHARK (23R)	6.7	7.3	7.7	6.3	7.3	6.3	6.9
RUNNER (IS-AP 14)	5.3	6.7	7.3	6.3	7.0	6.7	6.6
LS-44	5.7	7.0	7.3	7.3	6.7	4.7	6.4
PENNCROSS	5.3	6.3	6.7	7.0	7.0	5.3	6.3
T-1	5.3	7.0	8.0	7.0	6.3	4.3	6.3
ALPHA	4.7	6.7	7.0	6.3	6.3	6.0	6.2
SR 1119	5.7	6.7	7.3	5.3	6.0	5.3	6.1
INDEPENDENCE	5.3	5.3	6.0	6.3	7.3	5.0	5.9
BENGAL	5.3	6.0	6.3	6.3	6.0	5.0	5.8
LSD VALUE	1.2	1.2	2.3	2.1	2.8	2.5	0.9
C.V. (%)	11.3	9.7	13.5	13.6	17.4	21.3	10.3

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 42B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report submitted to NTEP
GROWN ON A FAIRWAY OR TEE AT LEMONT, IL 1/
2004-07 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/							
NAME	JULY 2004	SEP 2004	OCT 2004	AUG 2006	SEP 2006	OCT 2006	MEAN
DECLARATION	8.0	8.3	9.0	8.3	8.3	8.7	8.4
PENNLINKS II	8.0	8.3	8.7	8.0	9.0	7.0	8.2
13-M	8.0	8.7	9.0	8.0	7.7	6.3	7.9
L-93	7.0	8.7	8.0	8.3	8.7	7.0	7.9
SEASIDE	7.0	8.0	7.7	8.0	8.7	8.0	7.9
KINGPIN (9200)	7.0	8.0	9.0	7.7	8.3	6.7	7.8
MACKENZIE (SRX 1GPD)	6.7	7.3	8.3	7.3	8.7	7.7	7.7
CRYSTAL BLUELINKS (PST-OEB)	6.0	8.0	7.3	7.7	8.7	7.0	7.4
SR 1150 (SRX 1PDH)	7.0	7.7	7.3	8.0	7.7	6.0	7.3
PRINCEVILLE	6.3	8.7	8.3	8.0	6.3	4.7	7.1
AUTHORITY (235050)	6.3	7.7	9.0	7.7	6.0	5.3	7.0
PENNEAGLE II	6.7	8.0	8.3	7.3	6.3	4.7	6.9
SHARK (23R)	6.7	7.3	7.7	6.3	7.3	6.3	6.9
RUNNER (IS-AP 14)	5.3	6.7	7.3	6.3	7.0	6.7	6.6
LS-44	5.7	7.0	7.3	7.3	6.7	4.7	6.4
PENNCROSS	5.3	6.3	6.7	7.0	7.0	5.3	6.3
T-1	5.3	7.0	8.0	7.0	6.3	4.3	6.3
ALPHA	4.7	6.7	7.0	6.3	6.3	6.0	6.2
SR 1119	5.7	6.7	7.3	5.3	6.0	5.3	6.1
INDEPENDENCE	5.3	5.3	6.0	6.3	7.3	5.0	5.9
BENGAL	5.3	6.0	6.3	6.3	6.0	5.0	5.8
LSD VALUE	1.1	1.4	2.9	2.1	2.8	2.5	0.8
C.V. (%)	11.0	10.7	15.6	13.6	17.4	21.3	10.8

TABLE 42C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT LEMONT, IL 1/
2004-07 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/				
NAME	JULY 2004	SEP 2004	OCT 2004	MEAN
EWTR	7.7	9.0	9.0	8.6
TIGER II	7.7	9.0	9.0	8.6
SR 7150	7.7	8.7	9.0	8.4
PST-9NBC	7.0	9.0	9.0	8.3
GREENTIME (IS-AT 7)	7.7	8.3	8.7	8.2
PST-9VN	7.3	8.3	8.7	8.1
BARDOT	7.0	8.3	8.3	7.9
LSD VALUE	1.9	1.5	1.3	1.2
C.V. (%)	10.1	7.1	6.0	5.6

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

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

TABLE 43. PERCENT DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
GROWN ON A FAIRWAY OR TEE AT LEMONT, IL 2/ 3/
2004-07 DATA

NAME	MAY	JUNE	JULY	MEAN
INDEPENDENCE	13.3	30.0	50.0	31.1
ALPHA	7.0	28.3	53.3	29.6
T-1	5.0	20.0	60.0	28.3
PENNEAGLE II	5.3	15.0	50.0	23.4
SR 1119	5.0	20.0	43.3	22.8
PRINCEVILLE	4.0	10.0	53.3	22.4
BENGAL	8.3	10.0	36.7	18.3
PENNCROSS	2.3	8.3	43.3	18.0
SR 1150 (SRX 1PDH)	10.0	10.7	30.0	16.9
RUNNER (IS-AP 14)	6.7	8.3	33.3	16.1
SHARK (23R)	15.0	5.0	26.7	15.6
LS-44	3.7	4.3	33.3	13.8
L-93	1.0	8.3	25.0	11.4
AUTHORITY (235050)	3.3	2.3	26.7	10.8
PENNLINKS II	1.7	1.3	23.3	8.8
CRYSTAL BLUELINKS (PST-OEB)	0.7	5.0	20.0	8.6
KINGPIN (9200)	0.3	2.3	18.3	7.0
MACKENZIE (SRX 1GPD)	0.3	2.3	18.3	7.0
DECLARATION	3.7	1.0	13.3	6.0
SEASIDE	1.7	1.3	15.0	6.0
13-M	3.7	0.7	11.7	5.3
LSD VALUE	9.1	20.0	33.2	17.5
C.V. (%)	93.3	106.8	50.8	57.3

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

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

3/ PERCENT DOLLAR SPOT RATED IN 2007 ONLY.

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

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-0EB)	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
RUNNER (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.
- 3/ BROWN PATCH RATED IN 2006 ONLY.

TABLE 45A.

DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT ST. PAUL, MN 1/
2004-07 DATA

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

NAME	AUG 2005	SEP 2005	JUNE 2006	JULY 2006	AUG 2006	MEAN
DECLARATION	8.0	8.0	8.7	9.0	9.0	8.4
13-M	6.7	6.3	8.3	9.0	8.7	7.6
KINGPIN (9200)	7.7	6.7	7.0	7.7	7.3	7.3
AUTHORITY (235050)	7.7	6.3	7.3	8.0	7.0	7.2
L-93	7.7	5.0	6.3	9.0	8.3	7.1
MACKENZIE (SRX 1GPD)	7.7	6.7	5.7	8.0	6.7	7.0
EWTR	7.0	5.3	7.0	8.7	7.3	6.9
SR 1119	7.7	6.0	6.0	8.0	7.0	6.9
SR 7150	7.7	5.3	5.7	8.3	7.7	6.9
GREENTIME (IS-AT 7)	6.7	5.0	5.0	9.0	8.0	6.6
RUNNER (IS-AP 14)	7.0	5.3	6.3	8.0	6.7	6.6
SR 1150 (SRX 1PDH)	7.3	5.3	7.0	7.0	6.7	6.6
PST-9VN	7.0	4.7	6.7	8.3	6.7	6.5
CRYSTAL BLUELINKS (PST-OEB)	7.3	5.0	6.0	7.0	6.0	6.3
LS-44	6.7	4.3	6.3	7.3	6.0	6.0
PENNLINKS II	6.3	5.3	5.7	6.7	6.0	6.0
PST-9NBC	6.3	4.7	5.7	7.7	6.0	6.0
BARDOT	5.3	4.7	5.0	9.0	6.7	5.9
TIGER II	5.7	3.7	6.0	8.3	7.3	5.9
SEASIDE	7.0	4.3	5.7	7.0	5.3	5.8
PRINCEVILLE	6.3	4.7	5.0	7.0	5.0	5.6
PENNEAGLE II	7.0	5.7	4.3	4.7	4.3	5.4
SHARK (23R)	6.3	5.3	4.3	6.0	4.7	5.4
T-1	5.7	4.3	5.3	6.7	5.3	5.4
ALPHA	5.7	4.7	4.7	5.0	3.3	4.8
INDEPENDENCE	6.7	4.0	3.3	4.7	3.7	4.6
PENNCROSS	4.3	3.3	5.7	6.0	4.7	4.6
BENGAL	5.3	3.7	3.0	3.0	2.3	3.6
LSD VALUE	2.8	2.5	3.0	2.4	2.6	1.5
C.V. (%)	17.9	23.8	25.3	19.1	24.1	20.8

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

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

TABLE 45B. DOLLAR SPOT RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP
 GROWN ON A FAIRWAY OR TEE AT ST. PAUL, MN 1/
 2004-07 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/						
NAME	AUG 2005	SEP 2005	JUNE 2006	JULY 2006	AUG 2006	MEAN
DECLARATION	8.0	8.0	8.7	9.0	9.0	8.4
13-M	6.7	6.3	8.3	9.0	8.7	7.6
KINGPIN (9200)	7.7	6.7	7.0	7.7	7.3	7.3
AUTHORITY (235050)	7.7	6.3	7.3	8.0	7.0	7.2
L-93	7.7	5.0	6.3	9.0	8.3	7.1
MACKENZIE (SRX 1GPD)	7.7	6.7	5.7	8.0	6.7	7.0
SR 1119	7.7	6.0	6.0	8.0	7.0	6.9
RUNNER (IS-AP 14)	7.0	5.3	6.3	8.0	6.7	6.6
SR 1150 (SRX 1PDH)	7.3	5.3	7.0	7.0	6.7	6.6
CRYSTAL BLUELINKS (PST-OEB)	7.3	5.0	6.0	7.0	6.0	6.3
LS-44	6.7	4.3	6.3	7.3	6.0	6.0
PENNLINKS II	6.3	5.3	5.7	6.7	6.0	6.0
SEASIDE	7.0	4.3	5.7	7.0	5.3	5.8
PRINCEVILLE	6.3	4.7	5.0	7.0	5.0	5.6
PENNEAGLE II	7.0	5.7	4.3	4.7	4.3	5.4
SHARK (23R)	6.3	5.3	4.3	6.0	4.7	5.4
T-1	5.7	4.3	5.3	6.7	5.3	5.4
ALPHA	5.7	4.7	4.7	5.0	3.3	4.8
INDEPENDENCE	6.7	4.0	3.3	4.7	3.7	4.6
PENNCROSS	4.3	3.3	5.7	6.0	4.7	4.6
BENGAL	5.3	3.7	3.0	3.0	2.3	3.6
LSD VALUE	2.2	1.9	2.8	2.8	2.6	1.4
C.V. (%)	15.8	20.5	25.7	22.2	25.6	20.0

TABLE 45C. DOLLAR SPOT RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE AT ST. PAUL, MN 1/
 2004-07 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/						
NAME	AUG 2005	SEP 2005	JUNE 2006	JULY 2006	AUG 2006	MEAN
EWTR	7.0	5.3	7.0	8.7	7.3	6.9
SR 7150	7.7	5.3	5.7	8.3	7.7	6.9
GREENTIME (IS-AT 7)	6.7	5.0	5.0	9.0	8.0	6.6
PST-9VN	7.0	4.7	6.7	8.3	6.7	6.5
PST-9NBC	6.3	4.7	5.7	7.7	6.0	6.0
BARDOT	5.3	4.7	5.0	9.0	6.7	5.9
TIGER II	5.7	3.7	6.0	8.3	7.3	5.9
LSD VALUE	3.5	4.1	3.8	2.4	3.9	2.8
C.V. (%)	22.1	32.5	25.9	11.1	21.8	22.9

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 46A.

BROWN PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A FAIRWAY OR TEE AT BLACKSBURG, VA 1/
2004-07 DATA

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

NAME	JUNE 2004	JULY 2004	MAY 2005	AUG 2005	MEAN
PRINCEVILLE	7.7	9.0	7.0	7.7	7.8
L-93	9.0	8.3	7.0	6.7	7.8
SEASIDE	7.7	8.0	8.3	6.7	7.7
ALPHA	8.3	8.0	6.7	7.3	7.6
13-M	8.7	8.3	5.0	7.7	7.4
SHARK (23R)	8.3	8.3	5.0	8.0	7.4
SR 1119	8.7	8.7	5.0	7.3	7.4
T-1	8.7	8.3	5.3	7.3	7.4
AUTHORITY (235050)	8.7	8.3	4.3	8.0	7.3
PENNLINKS II	7.7	7.7	7.0	7.0	7.3
PST-9VN	7.0	7.7	8.0	6.7	7.3
KINGPIN (9200)	8.0	8.3	5.0	7.3	7.2
PENNEAGLE II	8.3	7.0	6.7	6.7	7.2
LS-44	8.7	8.3	5.7	5.7	7.1
BARDOT	6.3	7.3	8.0	6.3	7.0
CRYSTAL BLUELINKS (PST-OEB)	8.0	7.0	6.3	6.7	7.0
DECLARATION	8.3	8.3	3.7	7.7	7.0
EWTR	6.0	7.0	8.3	6.7	7.0
RUNNER (IS-AP 14)	8.3	8.3	4.0	7.3	7.0
SR 1150 (SRX 1PDH)	8.3	7.7	5.0	7.0	7.0
SR 7150	6.3	7.3	8.0	6.3	7.0
GREENTIME (IS-AT 7)	6.3	7.0	8.0	6.3	6.9
INDEPENDENCE	8.0	8.7	3.7	7.3	6.9
MACKENZIE (SRX 1GPD)	8.3	7.7	4.0	7.7	6.9
PST-9NBC	7.0	6.7	8.7	5.3	6.9
BENGAL	8.0	8.3	4.0	7.0	6.8
PENNCROSS	6.7	6.0	8.3	6.3	6.8
TIGER II	6.0	6.3	8.0	6.0	6.6
LSD VALUE	2.0	2.4	2.3	1.8	4.0
C.V. (%)	13.0	13.0	22.3	12.0	16.6

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 46B. BROWN PATCH RATINGS OF CREEPING BENTGRASS CULTIVARS
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report with permission from NTEP AT BLACKSBURG, VA 1/
 GROWN ON A FAIRWAY OR TEE
 2004-07 DATA

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

NAME	JUNE 2004	JULY 2004	MAY 2005	AUG 2005	MEAN
PRINCEVILLE	7.7	9.0	7.0	7.7	7.8
L-93	9.0	8.3	7.0	6.7	7.8
SEASIDE	7.7	8.0	8.3	6.7	7.7
ALPHA	8.3	8.0	6.7	7.3	7.6
13-M	8.7	8.3	5.0	7.7	7.4
SHARK (23R)	8.3	8.3	5.0	8.0	7.4
SR 1119	8.7	8.7	5.0	7.3	7.4
T-1	8.7	8.3	5.3	7.3	7.4
AUTHORITY (235050)	8.7	8.3	4.3	8.0	7.3
PENNLINKS II	7.7	7.7	7.0	7.0	7.3
KINGPIN (9200)	8.0	8.3	5.0	7.3	7.2
PENNEAGLE II	8.3	7.0	6.7	6.7	7.2
LS-44	8.7	8.3	5.7	5.7	7.1
CRYSTAL BLUELINKS (PST-0EB)	8.0	7.0	6.3	6.7	7.0
DECLARATION	8.3	8.3	3.7	7.7	7.0
RUNNER (IS-AP 14)	8.3	8.3	4.0	7.3	7.0
SR 1150 (SRX 1PDH)	8.3	7.7	5.0	7.0	7.0
INDEPENDENCE	8.0	8.7	3.7	7.3	6.9
MACKENZIE (SRX 1GPD)	8.3	7.7	4.0	7.7	6.9
BENGAL	8.0	8.3	4.0	7.0	6.8
PENNCROSS	6.7	6.0	8.3	6.3	6.8
LSD VALUE	1.3	2.0	3.0	2.1	3.7
C.V. (%)	7.3	10.9	28.1	11.4	17.1

TABLE 46C. BROWN PATCH RATINGS OF COLONIAL BENTGRASS CULTIVARS
 GROWN ON A FAIRWAY OR TEE AT BLACKSBURG, VA 1/
 2004-07 DATA

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

NAME	JUNE 2004	JULY 2004	MAY 2005	AUG 2005	MEAN
PST-9VN	7.0	7.7	8.0	6.7	7.3
BARDOT	6.3	7.3	8.0	6.3	7.0
EWTR	6.0	7.0	8.3	6.7	7.0
SR 7150	6.3	7.3	8.0	6.3	7.0
GREENTIME (IS-AT 7)	6.3	7.0	8.0	6.3	6.9
PST-9NBC	7.0	6.7	8.7	5.3	6.9
TIGER II	6.0	6.3	8.0	6.0	6.6
LSD VALUE	3.5	2.7	1.5	2.1	1.9
C.V. (%)	20.4	14.7	7.3	13.5	13.8

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

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

NAME	PERCENT COVER RATINGS FROM DIVOT RECOVERY: WEEKS AFTER TREATMENT 3/ 4/						
	STUDY 1: CUT JUNE 15 4 WEEKS	STUDY 1: CUT JUNE 15 7.5 WEEKS	STUDY 2: CUT AUG. 31 3.5 WEEKS	STUDY 2: CUT AUG. 31 7 WEEKS	STUDY 3: CUT OCT. 7 1.5 WEEKS	STUDY 3: CUT OCT. 7 4 WEEKS	MEAN
PENNCROSS	83.7	91.7	85.7	97.0	48.3	88.3	82.4
L-93	70.3	96.7	77.7	98.3	45.7	92.3	80.2
PENNLINKS II	60.0	98.0	89.7	98.7	38.0	84.3	78.1
PRINCEVILLE	58.3	90.7	84.3	99.0	41.0	88.3	76.9
KINGPIN (9200)	64.7	97.0	69.0	98.3	32.3	92.3	75.6
LS-44	68.7	95.7	67.7	98.3	36.0	82.7	74.8
CRYSTAL BLUELINKS (PST-OEB)	59.0	95.3	74.0	98.3	32.3	88.0	74.5
T-1	80.0	98.7	54.7	95.0	29.0	89.3	74.4
SR 1119	62.3	98.0	63.3	98.3	32.0	85.0	73.2
INDEPENDENCE	84.3	97.3	56.7	94.7	21.0	82.0	72.7
SEASIDE	44.0	79.0	85.7	95.3	44.3	80.7	71.5
PST-9VN	38.3	74.0	79.0	95.3	50.0	85.7	70.4
BARDOT	65.0	96.0	54.7	94.7	30.7	80.7	70.3
EWTR	50.0	85.3	64.7	98.0	35.3	87.0	70.1
AUTHORITY (235050)	61.7	98.7	52.3	90.0	26.7	88.7	69.7
RUNNER (IS-AP 14)	50.7	96.3	64.7	99.0	21.7	82.0	69.1
SR 1150 (SRX 1PDH)	35.3	97.3	67.0	94.3	30.7	85.3	68.3
DECLARATION	69.3	95.0	44.3	95.3	19.7	85.7	68.2
SHARK (23R)	62.7	98.7	65.0	95.3	19.3	67.3	68.1
BENGAL	70.3	96.3	44.0	93.3	26.0	77.3	67.9
PENNEAGLE II	59.7	98.3	53.7	89.3	21.7	74.3	66.2
ALPHA	65.7	97.0	38.7	81.0	31.7	82.7	66.1
MACKENZIE (SRX 1GPD)	65.7	95.7	49.7	90.7	18.0	73.0	65.4
SR 7150	42.3	79.0	67.7	96.0	25.7	81.0	65.3
13-M	65.3	94.7	48.3	85.7	23.7	68.3	64.3
PST-9NBC	43.3	80.0	59.0	86.7	35.0	80.3	64.1
TIGER II	48.0	75.0	55.7	96.0	24.3	58.3	59.6
GREENTIME (IS-AT 7)	40.3	74.3	45.7	85.3	32.3	72.3	58.4
LSD VALUE	35.1	20.0	46.5	28.8	30.9	37.9	22.6
C.V. (%)	27.3	10.7	30.5	9.2	39.9	15.7	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.
- 3/ STUDY ONE WAS PERFORMED USING A KICK-CUTTER MECHANICAL DEVICE. STUDIES TWO AND THREE WERE PERFORMED USING A MOTORIZED, MODIFIED "EDGER" DEVICE WHICH ALSO SIMULATED UNIFORM DIVOTS.
- 4/ PHOTOS OF EQUIPMENT USED AND/OR DIGITAL FILES FOR THE DIVOTS AT EACH RECOVERY DATE ARE AVAILABLE FROM OSU TURF PROGRAM UPON REQUEST. DURING 2004, HOLLOW TINES WERE USED FOR AERIFICATION.

TABLE 47B. PERCENT DIVOT RECOVERY RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final grown on a fairway or TEE AT STILLWATER, OK 2/
 2004 DATA

NAME	PERCENT COVER RATINGS FROM DIVOT RECOVERY: WEEKS AFTER TREATMENT 3/ 4/						
	STUDY 1: CUT JUNE 15		STUDY 2: CUT AUG. 31		STUDY 3: CUT OCT. 7		MEAN
	4 WEEKS	7.5 WEEKS	3.5 WEEKS	7 WEEKS	1.5 WEEKS	4 WEEKS	
PENNCROSS	83.7	91.7	85.7	97.0	48.3	88.3	82.4
L-93	70.3	96.7	77.7	98.3	45.7	92.3	80.2
PENNLINKS II	60.0	98.0	89.7	98.7	38.0	84.3	78.1
PRINCEVILLE	58.3	90.7	84.3	99.0	41.0	88.3	76.9
KINGPIN (9200)	64.7	97.0	69.0	98.3	32.3	92.3	75.6
LS-44	68.7	95.7	67.7	98.3	36.0	82.7	74.8
CRYSTAL BLUELINKS (PST-OEB)	59.0	95.3	74.0	98.3	32.3	88.0	74.5
T-1	80.0	98.7	54.7	95.0	29.0	89.3	74.4
SR 1119	62.3	98.0	63.3	98.3	32.0	85.0	73.2
INDEPENDENCE	84.3	97.3	56.7	94.7	21.0	82.0	72.7
SEASIDE	44.0	79.0	85.7	95.3	44.3	80.7	71.5
AUTHORITY (235050)	61.7	98.7	52.3	90.0	26.7	88.7	69.7
RUNNER (IS-AP 14)	50.7	96.3	64.7	99.0	21.7	82.0	69.1
SR 1150 (SRX 1PDH)	35.3	97.3	67.0	94.3	30.7	85.3	68.3
DECLARATION	69.3	95.0	44.3	95.3	19.7	85.7	68.2
SHARK (23R)	62.7	98.7	65.0	95.3	19.3	67.3	68.1
BENGAL	70.3	96.3	44.0	93.3	26.0	77.3	67.9
PENNEAGLE II	59.7	98.3	53.7	89.3	21.7	74.3	66.2
ALPHA	65.7	97.0	38.7	81.0	31.7	82.7	66.1
MACKENZIE (SRX 1GPD)	65.7	95.7	49.7	90.7	18.0	73.0	65.4
13-M	65.3	94.7	48.3	85.7	23.7	68.3	64.3
LSD VALUE	28.8	4.0	41.7	23.8	24.6	36.5	18.6
C.V. (%)	21.5	2.7	29.8	8.6	37.1	14.8	10.2

TABLE 47C. PERCENT DIVOT RECOVERY RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE AT STILLWATER, OK 2/
 2004 DATA

NAME	PERCENT COVER RATINGS FROM DIVOT RECOVERY: WEEKS AFTER TREATMENT 3/ 4/						
	STUDY 1: CUT JUNE 15		STUDY 2: CUT AUG. 31		STUDY 3: CUT OCT. 7		MEAN
	4 WEEKS	7.5 WEEKS	3.5 WEEKS	7 WEEKS	1.5 WEEKS	4 WEEKS	
PST-9VN	38.3	74.0	79.0	95.3	50.0	85.7	70.4
BARDOT	65.0	96.0	54.7	94.7	30.7	80.7	70.3
EWTR	50.0	85.3	64.7	98.0	35.3	87.0	70.1
SR 7150	42.3	79.0	67.7	96.0	25.7	81.0	65.3
PST-9NBC	43.3	80.0	59.0	86.7	35.0	80.3	64.1
TIGER II	48.0	75.0	55.7	96.0	24.3	58.3	59.6
GREENTIME (IS-AT 7)	40.3	74.3	45.7	85.3	32.3	72.3	58.4
LSD VALUE	61.3	51.2	47.3	25.6	36.6	35.2	29.8
C.V. (%)	50.3	24.5	31.8	11.0	45.2	19.3	17.8

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ STUDY ONE WAS PERFORMED USING A KICK-CUTTER MECHANICAL DEVICE. STUDIES TWO AND THREE WERE PERFORMED USING A MOTORIZED, MODIFIED "EDGER" DEVICE WHICH ALSO SIMULATED UNIFORM DIVOTS.
- 4/ PHOTOS OF EQUIPMENT USED AND/OR DIGITAL FILES FOR THE DIVOTS AT EACH RECOVERY DATE ARE AVAILABLE FROM OSU TURF PROGRAM UPON REQUEST. DURING 2004, HOLLOW TINES WERE USED FOR AERIFICATION.

NAME	PERCENT COVER RATINGS FROM DIVOT RECOVERY 3/						MEAN
	STUDY 1		STUDY 2		STUDY 3		
	AUG 11	AUG 25	NOV 22	DEC 6	JUN 6	DEC 19	
SEASIDE	76.3	92.0	54.7	66.0	23.3	25.3	56.3
PENNLINKS II	77.7	90.0	65.3	59.3	15.7	16.0	54.0
PENNCROSS	59.7	98.7	49.0	64.3	21.0	20.7	52.2
PST-9NBC	76.3	94.3	45.0	52.7	15.0	22.7	51.0
EWTR	72.7	98.3	47.3	53.0	15.0	15.7	50.3
PRINCEVILLE	76.0	96.3	48.0	57.0	10.0	12.7	50.0
RUNNER (IS-AP 14)	88.7	95.7	40.7	46.0	14.0	14.3	49.9
SR 1119	74.3	94.3	47.3	54.0	11.3	15.7	49.5
PST-9VN	55.7	79.0	63.0	64.3	13.0	17.3	48.7
BENGAL	76.3	95.3	45.0	55.7	5.0	12.0	48.2
PST-OEB	80.3	98.0	45.7	43.7	9.3	11.0	48.0
13-M	74.7	97.7	36.0	48.3	13.7	16.0	47.7
PENNEAGLE II	82.7	95.7	38.3	39.7	11.7	11.7	46.6
SR 7150	75.0	91.7	35.0	43.0	14.3	19.7	46.4
LS-44	67.7	93.3	42.3	47.7	11.3	15.7	46.3
KINGPIN (9200)	74.0	95.0	38.0	49.0	8.7	12.3	46.2
SR 1150 (SRX 1PDH)	48.7	89.7	49.0	55.0	15.0	14.0	45.2
ALPHA	64.3	95.3	36.7	46.7	11.3	13.7	44.7
DECLARATION	64.0	96.7	39.7	44.0	12.3	10.7	44.6
L-93	59.0	87.0	47.0	46.3	12.3	13.7	44.2
AUTHORITY (235050)	63.0	89.0	37.3	44.0	12.3	16.7	43.7
INDEPENDENCE	76.3	94.3	25.0	37.3	9.3	12.3	42.4
GREENTIME (IS-AT 7)	54.3	81.3	40.0	51.7	6.7	13.0	41.2
MACKENZIE (SRX 1GPD)	68.3	98.3	33.0	30.7	6.0	8.3	40.8
SHARK (23R)	55.0	91.3	39.3	33.7	5.3	4.7	38.2
BARDOT	63.3	93.7	22.0	25.3	5.3	9.7	36.6
T-1	55.3	95.0	26.0	24.0	6.3	9.3	36.0
TIGER II	44.0	71.0	16.0	16.0	5.0	12.3	30.6
LSD VALUE	60.6	26.1	41.0	32.4	17.2	24.6	18.6
C.V. (%)	27.9	10.3	37.1	31.1	58.1	53.7	16.9

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

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

3/ STUDY ONE WAS PERFORMED USING A KICK-CUTTER MECHANICAL DEVUCE. STUDIES TWO AND THREE WERE PERFORMED USING A MOTORIZED, MODIFIED "EDGER" DEVICE WHICH ALSO SIMULATED UNIFORM DIVOTS.

TABLE 48B. PERCENT DIVOT RECOVERY RATINGS OF CREEPING BENTGRASS CULTIVARS 1/
 Taken from the full 2003 Bentgrass (Fairway/Tee) test - final report on mass fairway NOPTEE AT STILLWATER, OK 2/
 2005 DATA

NAME	PERCENT COVER RATINGS FROM DIVOT RECOVERY 3/						MEAN
	STUDY 1 AUG 11	STUDY 1 AUG 25	STUDY 2 NOV 22	STUDY 2 DEC 6	STUDY 3 JUN 6	STUDY 3 DEC 19	
SEASIDE	76.3	92.0	54.7	66.0	23.3	25.3	56.3
PENNLINKS II	77.7	90.0	65.3	59.3	15.7	16.0	54.0
PENNCROSS	59.7	98.7	49.0	64.3	21.0	20.7	52.2
PRINCEVILLE	76.0	96.3	48.0	57.0	10.0	12.7	50.0
RUNNER (IS-AP 14)	88.7	95.7	40.7	46.0	14.0	14.3	49.9
SR 1119	74.3	94.3	47.3	54.0	11.3	15.7	49.5
BENGAL	76.3	95.3	45.0	55.7	5.0	12.0	48.2
PST-OEB	80.3	98.0	45.7	43.7	9.3	11.0	48.0
13-M	74.7	97.7	36.0	48.3	13.7	16.0	47.7
PENNEAGLE II	82.7	95.7	38.3	39.7	11.7	11.7	46.6
LS-44	67.7	93.3	42.3	47.7	11.3	15.7	46.3
KINGPIN (9200)	74.0	95.0	38.0	49.0	8.7	12.3	46.2
SR 1150 (SRX 1PDH)	48.7	89.7	49.0	55.0	15.0	14.0	45.2
ALPHA	64.3	95.3	36.7	46.7	11.3	13.7	44.7
DECLARATION	64.0	96.7	39.7	44.0	12.3	10.7	44.6
L-93	59.0	87.0	47.0	46.3	12.3	13.7	44.2
AUTHORITY (235050)	63.0	89.0	37.3	44.0	12.3	16.7	43.7
INDEPENDENCE	76.3	94.3	25.0	37.3	9.3	12.3	42.4
MACKENZIE (SRX 1GPD)	68.3	98.3	33.0	30.7	6.0	8.3	40.8
SHARK (23R)	55.0	91.3	39.3	33.7	5.3	4.7	38.2
T-1	55.3	95.0	26.0	24.0	6.3	9.3	36.0
LSD VALUE	63.4	24.7	47.6	35.1	17.6	23.5	20.9
C.V. (%)	28.2	7.5	37.7	30.8	58.2	56.0	16.4

TABLE 48C. PERCENT DIVOT RECOVERY RATINGS OF COLONIAL BENTGRASS CULTIVARS 1/
 GROWN ON A FAIRWAY OR TEE AT STILLWATER, OK 2/
 2005 DATA

NAME	PERCENT COVER RATINGS FROM DIVOT RECOVERY 3/						MEAN
	STUDY 1 AUG 11	STUDY 1 AUG 25	STUDY 2 NOV 22	STUDY 2 DEC 6	STUDY 3 JUN 6	STUDY 3 DEC 19	
PST-9NBC	76.3	94.3	45.0	52.7	15.0	22.7	51.0
EWTR	72.7	98.3	47.3	53.0	15.0	15.7	50.3
PST-9VN	55.7	79.0	63.0	64.3	13.0	17.3	48.7
SR 7150	75.0	91.7	35.0	43.0	14.3	19.7	46.4
GREENTIME (IS-AT 7)	54.3	81.3	40.0	51.7	6.7	13.0	41.2
BARDOT	63.3	93.7	22.0	25.3	5.3	9.7	36.6
TIGER II	44.0	71.0	16.0	16.0	5.0	12.3	30.6
LSD VALUE	37.3	34.3	28.2	31.7	13.9	17.9	18.0
C.V. (%)	26.3	17.0	34.7	33.3	58.7	47.5	19.7

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.
- 3/ STUDY ONE WAS PERFORMED USING A KICK-CUTTER MECHANICAL DEVUCE. STUDIES TWO AND THREE WERE PERFORMED USING A MOTORIZED, MODIFIED "EDGER" DEVICE WHICH ALSO SIMULATED UNIFORM DIVOTS.

Turfgrass Quality Ratings 1-9; 9=Ideal Turf **/

NAME	QUALITY	MAXIMUM
	MEAN 1/	IN TOP 25% 2/
13-M	6.4	70
ALPHA	6.2	30
AUTHORITY (235050)	6.2	30
BARDOT	5.4	5
BENGAL	6.0	10
CRYSTAL BLUELINKS (PST-OEB)	6.5	85
DECLARATION	6.2	35
EWTR	5.5	20
GREENTIME (IS-AT 7)	5.6	15
INDEPENDENCE	6.0	5
KINGPIN (9200)	6.3	40
L-93	6.2	25
LS-44	6.3	55
MACKENZIE (SRX 1GPD)	6.1	20
PENNCROSS	5.5	0
PENNEAGLE II	6.3	40
PENNLINKS II	6.0	30
PRINCEVILLE	5.7	10
PST-9NBC	5.6	15
PST-9VN	5.3	20
RUNNER (IS-AP 14)	6.1	0
SEASIDE	4.4	0
SHARK (23R)	6.3	40
SR 1119	6.0	15
SR 1150 (SRX 1PDH)	6.1	10
SR 7150	5.3	5
T-1	6.4	55
TIGER II	5.4	10
LSD VALUE	0.2	
C.V. (%)	8.2	

*/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE 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.