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LOCATIONS SUBMITTING DATA FOR 1999-2002

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn	AL1
Arizona	Tucson	AZ1
Illinois	Urbana	IL1
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kentucky	Lexington (With Fungicides)	KY1
Kentucky	Lexington (Without Fungicides)	KY2
Maine	Orono	ME1
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Missouri	Columbia	MO1
Montana	Bozeman	MT1
Nebraska	Mead	NE1
New Jersey	North Brunswick	NJ1
New York	Ithaca	NY1
North Carolina	Raleigh	NC1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Rhode Island	Kingston (With Fungicides)	RI1
Rhode Island	Kingston (Without Fungicides)	RI2
South Carolina	Clemson	SC2
Texas	Dallas	TX1
Utah	Logan	UT1
Virginia	Blacksburg	VA1
Washington	Puyallup (With Fungicides)	WA3
Washington	Puyallup (Without Fungicides)	WA4
Wisconsin	Madison (With Fungicides)	WI1
Wisconsin	Madison (Without Fungicides)	WI1

**1998 NATIONAL BENTGRASS TEST
(Putting Green)**

Entries and Sponsors

Entry No.	Name	Species	Sponsor
1	Backspin	creeping	Turf Merchants, Inc.
2	Bavaria	velvet	Turf Merchants, Inc.
3	ABT-CRB-1	creeping	Budd Seeds
4	Crenshaw	creeping	ProSeeds Marketing, Inc
5	L-93	creeping	Standard Entry
6	Century	creeping	ProSeeds Marketing, Inc
7	Imperial	creeping	ProSeeds Marketing, Inc
8	ISI-Ap-5	creeping	DLF International Seeds, Inc.
9	BAR CB 8US3	creeping	Barenbrug USA, Inc.
10	Bengal (BAR AS 8FUS2)	creeping	Barenbrug USA, Inc.
11	Vesper (Pick MVB)	velvet	Pickseed West, Inc.
12	Pick CB 13-94	creeping	Pickseed West, Inc.
13	Syn 96-1	creeping	Texas A&M University
14	Syn 96-2	creeping	Pickseed West, Inc.
15	Syn 96-3	creeping	Texas A&M University
16	SRX 1BPAA	creeping	Seed Research of Oregon
17	Brighton (SRX 1120)	creeping	Seed Research of Oregon
18	SR 1119	creeping	Seed Research of Oregon
19	Providence	creeping	Seed Research of Oregon
20	SRX 1NJH	creeping	Seed Research of Oregon
21	SR 7200	velvet	Seed Research of Oregon
22	PST-A2E	creeping	Pure-Seed Testing, Inc.
23	Pennlinks	creeping	Tee-2-Green Corp.
24	Penncross	creeping	Standard Entry
25	Penn G-6	creeping	Tee-2-Green Corp.
26	Penn G-1	creeping	Tee-2-Green Corp.
27	Penn A-4	creeping	Tee-2-Green Corp.
28	Penn A-1	creeping	Tee-2-Green Corp.
29	Penn A-2	creeping	Tee-2-Green Corp.

TABLE A. **1999-2002 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 1998 NATIONAL BENTGRASS (GREEN) 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
AL1	SAND	5.6-6.0	61-150	151-240	6.1-7.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
AZ1	SAND	8.6+	0-60	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
IA1	SILTY CLAY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KS1	LOAM	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY1	SAND	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY2	SAND	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MA1	LOAM	6.1-6.5	151-270	241-375	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
ME1	SANDY LOAM	6.6-7.0	0-60	501+	-	FULL SUN	-	TO PREVENT STRESS
MI1	SANDY LOAM	7.1-7.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
MO1	SAND	6.6-7.0	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MT1	SILT LOAM AND SILT	7.1-7.5	61-150	501+	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NC1	-	-	-	-	-	-	-	-
NE1	SAND	8.6+	61-150	241-375	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SAND	6.1-6.5	0-60	0-150	3.1-4.0	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
OK1	SAND	7.1-7.5	0-60	0-150	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
PA1	LOAMY SAND	6.6-7.0	61-150	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
RI1	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
RI2	SILT LOAM AND SILT	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
SC2	-	-	-	-	-	-	-	-
TX1	SAND	7.6-8.5	0-60	0-150	6.1-7.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
UT1	SAND	6.6-7.0	61-150	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
VA1	SAND	5.6-6.0	0-60	0-150	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WA3	SAND	6.1-6.5	0-60	151-240	6.1-7.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WA4	SAND	6.1-6.5	0-60	151-240	6.1-7.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WI1	SILT LOAM AND SILT	7.6-8.5	61-150	241-375	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WI2	SILT LOAM AND SILT	7.6-8.5	61-150	241-375	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS

TABLE B. LOCATIONS AND DATA COLLECTED IN 1999-2002

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
AL1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
AZ1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
IA1					X	X	X	X	X	X			X	X	X
IL1				X	X	X	X	X	X	X			X	X	
KS1				X	X	X	X	X	X	X			X		X
KY1			X	X	X	X	X	X	X	X			X		X
KY2			X	X	X	X	X	X	X	X			X	X	X
MA1				X	X	X	X	X	X	X			X	X	
ME1					X	X	X	X	X	X	X		X		X
MI1				X	X	X	X	X	X	X	X		X	X	X
MO1			X	X	X	X	X	X	X	X	X		X	X	
MT1				X	X	X	X	X	X	X			X	X	X
NC1	X	X	X	X	X	X	X	X	X	X	X	X	X		X
NE1				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
OK1			X	X	X	X	X	X	X	X	X	X	X	X	X
PA1					X	X	X	X	X	X			X	X	X
RI1				X	X	X	X	X	X	X	X		X	X	X
RI2				X	X	X	X	X	X	X	X		X	X	
SC2	X	X	X	X	X	X	X	X	X	X	X	X	X		X
TX1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UT1				X	X	X	X	X	X	X	X		X		
VA1		X	X	X	X	X	X	X	X	X	X	X	X	X	
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
WA4	X	X	X	X	X	X	X	X	X	X	X	X	X		
WI1				X	X	X	X	X	X	X	X		X	X	X
WI2				X	X	X	X	X	X	X	X		X	X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	WINTER KILL RATINGS	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	THATCH MEASURE- MENT
AL1									X						X
AZ1		X	X	X	X	X	X		X			X	X	X	X
IA1		X													
IL1		X	X	X											
KS1											X				
KY1	X	X	X	X	X				X						
KY2	X	X	X	X	X	X	X		X						
MA1	X														
ME1			X			X							X		
MI1	X	X	X	X	X	X	X								
MO1	X				X	X	X		X						
MT1	X	X	X	X				X							
NC1		X	X		X	X									
NE1		X	X	X											
NJ1	X		X												
NY1	X		X							X					
OK1	X	X	X	X	X	X	X		X						
PA1	X	X		X											
RI1	X														
RI2															
SC2															
TX1		X	X	X					X						
UT1		X	X	X		X									
VA1		X	X	X					X				X	X	
WA3		X	X	X											
WA4	X	X	X	X											
WI1		X	X	X											
WI2		X	X	X											

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	GRAY SNOW MOLD	MICRODO- CHIUM PATCH	LEAF SPOT	DOLLAR SPOT	BROWN PATCH WARM TEMP.	PYTHIUM BLIGHT	BROWN PATCH COOL TEPM.	PINK SNOW MOLD	CUTWORM RATINGS	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	POA ANNUA	MOWING QUALITY	SCALPING RATINGS
AL1											X					X
AZ1										X	X	X	X			
IA1																
IL1				X												
KS1				X	X											
KY1																
KY2																
MA1																
ME1				X		X		X	X						X	
MI1	X				X											
MO1		X		X		X										
MT1																
NC1						X										
NE1																
NJ1				X	X			X								
NY1																
OK1				X			X									
PA1			X	X	X		X									
RI1				X												
RI2				X												
SC2																
TX1				X								X				X
UT1								X								
VA1				X	X											
WA3																
WA4							X									
WI1				X	X									X		
WI2					X									X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	MOSS INVASION	PERCENT ESTABLISH- MENT	ESTABLISHMENT RATINGS		ESTABLISHMENT RATINGS		PERCENT ESTABLISHMENT		GROW-IN RATINGS			THATCH RATINGS	ROOT KNOT NOMATODE	SNOW MOLD	PATCH DISEASE	PERCENT DOLLAR SPOT
			JULY	AUGUST	OCT 98	MAY 99	OCT	NOV	DEC.98	JAN.99	FEB.99					
AL1									X	X	X					X
AZ1																
IA1		X														
IL1		X														
KS1																
KY1																X
KY2																
MA1		X														
ME1																
MI1																
MO1													X			
MT1																
NC1		X														
NE1			X	X											X	
NJ1																
NY1																X
OK1																
PA1																
RI1																
RI2																
SC2								X		X						
TX1																
UT1	X				X	X										
VA1		X														
WA3																
WA4																
WI1		X														
WI2														X		

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1999-2002

LOCATION	DOLLAR SPOT RATINGS											DOWNY MILDEW	PERCENT		TAKE ALL 6/13	TAKE ALL 6/28	COLOR JUNE	RATINGS	
	JAN	MAR	APRIL	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	SNOW MARCH		MOLD APRIL	SEP				DEC	
AL1	X	X															X	X	X
AZ1																			
IA1																			
IL1																			
KS1																			
KY1																			
KY2													X	X					
MA1																			
* ME1								X	X										
* MI1																			
MO1																			
MT1																			
NC1																			
NE1																			
* NJ1								X	X										
NY1																			
OK1			X		X														
PA1					X		X												
RI1																			
RI2																			
SC2																			
TX1								X		X									
UT1																			
VA1																			
WA3																			
WA4											X								
WI1					X	X									X	X			
* WI2															X	X			

* MORE DOLLAR SPOT DATA FOR MI1 IN TABLE 53.

* MORE DOLLAR SPOT DATA FOR NJ1 IN TABLE 55.

* MORE DOLLAR SPOT DATA FOR WI2 IN TABLE 60.

* MORE DOLLAR SPOT DATA FOR VA1 IN TABLE 61.

* MORE DOLLAR SPOT DATA FOR KY2 IN TABLE 62.

* MORE BROWN PATCH DATA FOR ME1 IN TABLE 66.

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A SAND GREEN AT FOURTEEN LOCATIONS IN THE U.S. 1/
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/															
NAME	AL1	AZ1	KY1	MO1	NC1	NJ1	OK1	PA1	RI1	SC2	TX1	UT1	VA1	WA3	MEAN
* PENN A-1	6.3	7.0	7.8	4.8	4.2	7.0	7.4	7.4	7.1	8.1	6.5	4.9	6.0	5.8	6.5
* PENN A-4	6.2	7.6	7.2	5.0	4.6	6.1	7.1	7.4	7.2	8.2	6.3	5.1	5.6	6.1	6.4
* PENN G-1	6.2	7.0	7.4	5.7	5.8	6.3	7.0	7.1	6.7	7.8	6.3	4.7	6.0	6.0	6.4
* PENN A-2	6.3	7.0	7.7	5.4	5.4	5.9	7.1	7.0	7.2	8.1	6.3	4.5	6.1	5.7	6.4
PST-A2E	6.6	6.6	7.0	5.2	4.6	6.1	6.8	6.8	6.9	7.8	6.2	4.8	5.8	5.8	6.2
* L-93	6.0	6.7	7.2	5.5	5.0	6.0	7.1	6.9	7.0	7.9	6.4	4.8	5.8	4.9	6.2
SYN 96-3	5.7	6.1	6.2	5.1	4.8	6.0	6.9	7.8	6.8	7.9	6.1	5.3	6.0	5.7	6.1
* PENN G-6	5.8	6.5	6.9	5.2	4.8	6.0	7.0	7.2	7.1	7.5	6.0	4.7	5.8	5.5	6.1
SYN 96-1	5.5	6.4	6.5	5.2	5.1	5.6	6.6	7.8	6.8	7.9	6.0	5.1	5.6	5.6	6.1
* BENGAL (BAR AS 8FUS2)	6.2	7.0	6.9	5.3	5.2	5.6	6.8	7.0	6.8	7.8	5.9	4.4	5.3	5.3	6.1
SYN 96-2	5.2	6.5	6.6	4.5	4.8	5.7	6.4	7.7	6.7	8.0	5.9	4.8	5.6	5.3	5.9
ISI AP-5	6.0	7.0	6.6	4.6	5.2	5.4	6.9	6.9	5.6	7.8	6.2	4.4	5.4	5.5	5.9
SRX 1NJH	5.8	6.4	7.3	4.0	5.1	5.5	7.0	6.6	6.0	7.9	5.8	4.2	6.0	5.3	5.9
* IMPERIAL	5.6	6.7	6.2	4.3	5.3	5.2	6.5	6.7	6.5	7.8	6.0	4.6	5.6	5.5	5.8
BAR CB 8US3	6.1	6.8	6.2	5.7	5.4	5.0	6.6	6.4	5.0	7.9	5.5	4.5	5.0	5.6	5.8
* CENTURY	5.9	6.4	6.2	5.3	4.5	5.1	6.2	7.0	6.0	7.7	5.9	4.4	5.2	5.5	5.8
* BRIGHTON (SRX 1120)	5.8	6.3	6.4	5.4	5.4	5.1	6.9	6.2	6.2	7.7	5.4	4.3	5.3	5.7	5.8
* SR 1119	5.5	6.4	6.7	5.3	4.9	5.5	6.8	6.5	6.0	7.8	5.6	4.1	5.2	5.2	5.8
SRX 1BPAA	5.9	6.3	6.7	4.6	5.4	4.7	6.8	6.1	6.4	7.8	5.5	4.6	5.4	5.6	5.8
PICK CB 13-94	5.9	6.4	6.2	4.8	4.9	4.5	6.7	6.4	6.3	7.5	6.0	4.4	5.8	5.0	5.7
* ABT-CRB-1	4.7	5.8	6.9	4.1	4.7	5.9	6.8	6.9	5.8	7.8	6.1	4.6	5.0	5.2	5.7
* PROVIDENCE	5.5	6.7	6.0	4.5	5.6	4.9	6.6	6.3	5.8	7.7	5.6	4.7	5.1	5.5	5.7
* BACKSPIN	5.7	6.4	5.9	4.9	4.7	5.0	6.3	6.4	5.9	7.6	5.7	4.3	5.3	5.3	5.6
* CRENSHAW	5.4	6.6	6.0	5.2	5.4	4.7	6.3	6.2	5.8	7.9	5.4	4.4	5.4	4.7	5.6
* VESPER (PICK MVB)	5.4	4.8	4.2	4.3	4.8	6.7	4.9	5.7	7.4	7.4	4.4	2.6	5.2	6.9	5.2
* PENNLINKS	5.3	5.6	5.5	5.2	5.4	3.6	6.1	5.4	5.5	6.9	5.3	3.5	5.0	4.4	5.1
* PENNCROSS	4.9	5.6	5.2	5.1	5.7	3.6	6.2	5.2	5.1	6.7	5.6	3.1	5.2	4.3	5.0
* SR 7200	4.8	4.3	4.1	4.5	4.7	7.1	4.8	4.3	7.3	7.4	4.7	2.4	5.2	6.7	5.0
* BAVARIA	3.6	4.5	4.1	4.0	3.9	2.4	2.6	1.8	4.5	6.4	4.3	2.5	4.2	3.1	3.5
LSD VALUE	0.9	0.9	0.7	1.1	1.0	0.9	0.5	0.7	1.0	0.3	0.6	1.2	0.7	0.6	0.2
C.V. (%)	9.4	8.7	6.8	14.5	11.9	10.4	5.2	7.2	10.1	2.3	6.8	16.9	7.8	6.4	9.0

* COMMERCIALY AVAILABLE IN THE USA IN 2003.

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

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A SOIL GREEN AT TEN LOCATIONS IN THE U.S. 1/
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/											
NAME	IA1	IL1	KS1	MA1	ME1	MI1	MT1	NE1	NY1	WI1	MEAN
L-93	6.8	5.2	6.4	6.5	6.6	6.8	6.1	6.9	6.7	5.2	6.3
PENN A-1	6.6	5.1	6.0	6.4	6.8	6.8	6.2	7.1	6.4	5.5	6.3
PENN G-1	6.5	5.0	5.9	6.4	6.8	6.5	6.0	6.8	6.8	5.3	6.2
PENN A-4	6.8	5.0	5.2	6.4	6.7	6.7	6.1	7.1	6.5	5.6	6.2
SYN 96-2	7.2	5.0	5.2	6.2	6.8	6.4	6.0	6.9	6.7	5.4	6.2
PENN A-2	6.7	5.2	5.8	6.5	6.5	6.7	6.1	6.8	6.5	5.1	6.2
PENN G-6	6.4	5.1	6.2	6.4	6.7	6.4	6.0	6.9	6.6	4.9	6.2
SYN 96-1	7.0	5.1	5.4	6.2	6.7	6.4	6.4	6.4	6.8	5.1	6.1
BENGAL (BAR AS 8FUS2)	6.9	5.2	5.6	6.1	6.8	6.4	5.2	7.0	6.5	5.1	6.1
ISI AP-5	6.4	4.9	5.6	6.2	6.8	6.4	5.8	6.6	6.7	5.6	6.1
SYN 96-3	6.8	4.8	5.6	5.7	6.8	6.5	6.0	7.0	6.3	5.2	6.1
PST-A2E	6.7	4.6	5.8	5.9	6.7	6.6	5.7	6.4	6.5	5.4	6.0
CENTURY	7.0	5.0	5.1	6.0	6.8	6.2	5.8	6.2	6.7	4.9	6.0
ABT-CRB-1	6.7	4.5	5.1	5.5	6.9	6.5	5.9	7.0	6.4	5.2	6.0
CRENSHAW	6.9	4.7	5.2	6.1	6.7	5.9	6.1	6.4	6.6	5.1	6.0
IMPERIAL	6.9	4.9	5.5	6.1	6.4	6.4	5.7	6.1	6.4	5.0	5.9
SRX 1NJH	6.3	4.9	5.7	6.0	7.1	6.4	5.4	5.7	6.7	5.1	5.9
SR 1119	6.1	4.8	5.7	5.8	6.7	6.3	6.1	6.0	6.8	5.0	5.9
PICK CB 13-94	6.1	4.9	5.4	6.1	6.7	6.2	5.9	6.0	6.5	5.4	5.9
BRIGHTON (SRX 1120)	5.9	4.9	5.5	6.1	6.7	6.3	5.4	6.3	6.6	5.1	5.9
SRX 1BPAA	5.8	4.4	5.2	5.6	6.9	6.4	6.0	6.4	6.6	5.4	5.9
BAR CB 8US3	6.3	4.8	5.2	6.1	6.3	6.2	5.4	6.1	6.5	5.2	5.8
PROVIDENCE	6.2	5.0	5.3	5.8	6.3	6.1	5.5	6.0	6.2	5.0	5.7
BACKSPIN	6.2	4.8	5.3	6.0	6.5	5.9	5.9	5.8	6.4	4.8	5.7
PENNLINKS	5.4	4.4	5.3	6.1	6.5	5.9	5.9	5.4	6.3	4.9	5.6
PENNCROSS	5.2	4.5	5.5	5.8	6.3	5.9	6.0	5.0	6.4	5.0	5.5
VESPER (PICK MVB)	4.8	3.6	5.3	6.7	8.5	6.6	5.7	2.4	6.6	5.5	5.5
SR 7200	4.7	4.0	5.3	6.6	8.2	6.4	5.2	2.2	6.4	4.8	5.3
BAVARIA	4.6	3.2	5.0	5.4	5.9	5.9	4.6	2.4	5.9	4.0	4.7
LSD VALUE	0.7	0.7	1.0	0.4	0.6	0.5	1.1	0.9	0.8	1.0	0.3
C.V. (%)	7.0	8.7	11.1	4.6	5.7	4.8	12.4	9.1	7.8	12.8	8.8

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

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

TABLE 3. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT ELEVEN LOCATIONS
USING 2.0-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999-2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/												
NAME	AZ1	IA1	IL1	KS1	KY1	MO1	MT1	NJ1	NY1	RI1	WI1	MEAN
PENN A-1	7.0	6.6	5.1	6.0	7.8	4.8	6.2	7.0	6.4	7.1	5.5	6.3
L-93	6.7	6.8	5.2	6.4	7.2	5.5	6.1	6.0	6.7	7.0	5.2	6.2
PENN G-1	7.0	6.5	5.0	5.9	7.4	5.7	6.0	6.3	6.8	6.7	5.3	6.2
PENN A-2	7.0	6.7	5.2	5.8	7.7	5.4	6.1	5.9	6.5	7.2	5.1	6.2
PENN A-4	7.6	6.8	5.0	5.2	7.2	5.0	6.1	6.1	6.5	7.2	5.6	6.2
PENN G-6	6.5	6.4	5.1	6.2	6.9	5.2	6.0	6.0	6.6	7.1	4.9	6.1
PST-A2E	6.6	6.7	4.6	5.8	7.0	5.2	5.7	6.1	6.5	6.9	5.4	6.0
SYN 96-1	6.4	7.0	5.1	5.4	6.5	5.2	6.4	5.6	6.8	6.8	5.1	6.0
BENGAL (BAR AS 8FUS2)	7.0	6.9	5.2	5.6	6.9	5.3	5.2	5.6	6.5	6.8	5.1	6.0
SYN 96-2	6.5	7.2	5.0	5.2	6.6	4.5	6.0	5.7	6.7	6.7	5.4	6.0
SYN 96-3	6.1	6.8	4.8	5.6	6.2	5.1	6.0	6.0	6.3	6.8	5.2	5.9
SR 1119	6.4	6.1	4.8	5.7	6.7	5.3	6.1	5.5	6.8	6.0	5.0	5.8
ISI AP-5	7.0	6.4	4.9	5.6	6.6	4.6	5.8	5.4	6.7	5.6	5.6	5.8
CENTURY	6.4	7.0	5.0	5.1	6.2	5.3	5.8	5.1	6.7	6.0	4.9	5.8
IMPERIAL	6.7	6.9	4.9	5.5	6.2	4.3	5.7	5.2	6.4	6.5	5.0	5.8
SRX 1NJH	6.4	6.3	4.9	5.7	7.3	4.0	5.4	5.5	6.7	6.0	5.1	5.7
CRENSHAW	6.6	6.9	4.7	5.2	6.0	5.2	6.1	4.7	6.6	5.8	5.1	5.7
BRIGHTON (SRX 1120)	6.3	5.9	4.9	5.5	6.4	5.4	5.4	5.1	6.6	6.2	5.1	5.7
PICK CB 13-94	6.4	6.1	4.9	5.4	6.2	4.8	5.9	4.5	6.5	6.3	5.4	5.7
ABT-CRB-1	5.8	6.7	4.5	5.1	6.9	4.1	5.9	5.9	6.4	5.8	5.2	5.7
SRX 1BPAA	6.3	5.8	4.4	5.2	6.7	4.6	6.0	4.7	6.6	6.4	5.4	5.6
BAR CB 8US3	6.8	6.3	4.8	5.2	6.2	5.7	5.4	5.0	6.5	5.0	5.2	5.6
BACKSPIN	6.4	6.2	4.8	5.3	5.9	4.9	5.9	5.0	6.4	5.9	4.8	5.6
PROVIDENCE	6.7	6.2	5.0	5.3	6.0	4.5	5.5	4.9	6.2	5.8	5.0	5.5
VESPER (PICK MVB)	4.8	4.8	3.6	5.3	4.2	4.3	5.7	6.7	6.6	7.4	5.5	5.3
SR 7200	4.3	4.7	4.0	5.3	4.1	4.5	5.2	7.1	6.4	7.3	4.8	5.2
PENNLINKS	5.6	5.4	4.4	5.3	5.5	5.2	5.9	3.6	6.3	5.5	4.9	5.2
PENNCROSS	5.6	5.2	4.5	5.5	5.2	5.1	6.0	3.6	6.4	5.1	5.0	5.2
BAVARIA	4.5	4.6	3.2	5.0	4.1	4.0	4.6	2.4	5.9	4.5	4.0	4.3
LSD VALUE	0.6	0.4	0.4	0.7	0.5	0.7	0.8	0.5	0.6	1.0	0.8	0.2
C.V. (%)	11.8	8.0	10.7	15.0	10.5	17.8	14.1	11.5	11.0	14.0	18.2	12.9

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

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

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT EIGHT LOCATIONS
USING 4.1-6.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999-2002 DATA

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

NAME	MA1	ME1	MI1	NE1	OK1	PA1	UT1	VA1	MEAN
PENN A-1	6.4	6.8	6.8	7.1	7.4	7.4	4.9	6.0	6.6
SYN 96-3	5.7	6.8	6.5	7.0	6.9	7.8	5.3	6.0	6.5
PENN A-4	6.4	6.7	6.7	7.1	7.1	7.4	5.1	5.6	6.5
PENN G-1	6.4	6.8	6.5	6.8	7.0	7.1	4.7	6.0	6.4
L-93	6.5	6.6	6.8	6.9	7.1	6.9	4.8	5.8	6.4
PENN A-2	6.5	6.5	6.7	6.8	7.1	7.0	4.5	6.1	6.4
PENN G-6	6.4	6.7	6.4	6.9	7.0	7.2	4.7	5.8	6.4
SYN 96-2	6.2	6.8	6.4	6.9	6.4	7.7	4.8	5.6	6.4
SYN 96-1	6.2	6.7	6.4	6.4	6.6	7.8	5.1	5.6	6.4
PST-A2E	5.9	6.7	6.6	6.4	6.8	6.8	4.8	5.8	6.2
BENGAL (BAR AS 8FUS2)	6.1	6.8	6.4	7.0	6.8	7.0	4.4	5.3	6.2
ISI AP-5	6.2	6.8	6.4	6.6	6.9	6.9	4.4	5.4	6.2
ABT-CRB-1	5.5	6.9	6.5	7.0	6.8	6.9	4.6	5.0	6.2
SRX 1NJH	6.0	7.1	6.4	5.7	7.0	6.6	4.2	6.0	6.1
IMPERIAL	6.1	6.4	6.4	6.1	6.5	6.7	4.6	5.6	6.0
SRX 1BPAA	5.6	6.9	6.4	6.4	6.8	6.1	4.6	5.4	6.0
PICK CB 13-94	6.1	6.7	6.2	6.0	6.7	6.4	4.4	5.8	6.0
CENTURY	6.0	6.8	6.2	6.2	6.2	7.0	4.4	5.2	6.0
BRIGHTON (SRX 1120)	6.1	6.7	6.3	6.3	6.9	6.2	4.3	5.3	6.0
SR 1119	5.8	6.7	6.3	6.0	6.8	6.5	4.1	5.2	5.9
BAR CB 8US3	6.1	6.3	6.2	6.1	6.6	6.4	4.5	5.0	5.9
CRENSHAW	6.1	6.7	5.9	6.4	6.3	6.2	4.4	5.4	5.9
PROVIDENCE	5.8	6.3	6.1	6.0	6.6	6.3	4.7	5.1	5.9
BACKSPIN	6.0	6.5	5.9	5.8	6.3	6.4	4.3	5.3	5.8
PENNLINKS	6.1	6.5	5.9	5.4	6.1	5.4	3.5	5.0	5.5
PENNCROSS	5.8	6.3	5.9	5.0	6.2	5.2	3.1	5.2	5.3
VESPER (PICK MVB)	6.7	8.5	6.6	2.4	4.9	5.7	2.6	5.2	5.2
SR 7200	6.6	8.2	6.4	2.2	4.8	4.3	2.4	5.2	4.9
BAVARIA	5.4	5.9	5.9	2.4	2.6	1.8	2.5	4.2	3.7
LSD VALUE	0.4	0.6	0.5	0.9	0.5	0.7	1.2	0.7	0.3
C.V. (%)	4.6	5.7	4.8	9.1	5.2	7.2	16.9	7.8	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 5. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT FIVE LOCATIONS
USING 6.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
1999-2002 DATA

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

NAME	AL1	NC1	SC2	TX1	WA3	MEAN
PENN A-4	6.2	4.6	8.2	6.3	6.1	6.4
PENN G-1	6.2	5.8	7.8	6.3	6.0	6.4
PENN A-1	6.3	4.2	8.1	6.5	5.8	6.4
PENN A-2	6.3	5.4	8.1	6.3	5.7	6.3
PST-A2E	6.6	4.6	7.8	6.2	5.8	6.3
ISI AP-5	6.0	5.2	7.8	6.2	5.5	6.1
SYN 96-3	5.7	4.8	7.9	6.1	5.7	6.1
BENGAL (BAR AS 8FUS2)	6.2	5.2	7.8	5.9	5.3	6.0
L-93	6.0	5.0	7.9	6.4	4.9	6.0
BAR CB 8US3	6.1	5.4	7.9	5.5	5.6	6.0
SYN 96-1	5.5	5.1	7.9	6.0	5.6	6.0
PENN G-6	5.8	4.8	7.5	6.0	5.5	6.0
IMPERIAL	5.6	5.3	7.8	6.0	5.5	5.9
SRX 1BPAA	5.9	5.4	7.8	5.5	5.6	5.9
CENTURY	5.9	4.5	7.7	5.9	5.5	5.9
SRX 1NJH	5.8	5.1	7.9	5.8	5.3	5.9
BRIGHTON (SRX 1120)	5.8	5.4	7.7	5.4	5.7	5.8
PICK CB 13-94	5.9	4.9	7.5	6.0	5.0	5.8
VESPER (PICK MVB)	5.4	4.8	7.4	4.4	6.9	5.8
BACKSPIN	5.7	4.7	7.6	5.7	5.3	5.8
PROVIDENCE	5.5	5.6	7.7	5.6	5.5	5.8
SYN 96-2	5.2	4.8	8.0	5.9	5.3	5.8
SR 1119	5.5	4.9	7.8	5.6	5.2	5.7
ABT-CRB-1	4.7	4.7	7.8	6.1	5.2	5.6
SR 7200	4.8	4.7	7.4	4.7	6.7	5.6
CRENSHAW	5.4	5.4	7.9	5.4	4.7	5.5
PENNLINKS	5.3	5.4	6.9	5.3	4.4	5.3
PENNCROSS	4.9	5.7	6.7	5.6	4.3	5.2
BAVARIA	3.6	3.9	6.4	4.3	3.1	4.0
LSD VALUE	0.9	1.0	0.3	0.6	0.6	0.4
C.V. (%)	9.4	11.9	2.3	6.8	6.4	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 6. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A GREEN AT FOUR LOCATIONS WITHOUT FUNGICIDES IN THE U.S. 1/
1999-2002 DATA

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

NAME	KY2	RI2	WA4	WI2	MEAN
PENN A-1	6.8	4.9	5.3	5.0	5.6
PENN A-2	6.8	4.3	5.3	4.9	5.5
L-93	6.8	4.8	4.9	5.1	5.5
PST-A2E	6.3	4.4	5.4	5.1	5.5
PENN G-1	6.5	4.0	5.3	4.9	5.4
PENN A-4	6.4	4.2	5.3	4.9	5.4
PENN G-6	6.3	4.7	5.2	4.7	5.4
SRX 1BPAA	6.2	4.1	5.3	5.0	5.3
ISI AP-5	6.2	4.0	5.1	5.1	5.3
SRX 1NJH	6.4	3.7	5.0	4.6	5.2
SR 1119	6.2	4.3	4.8	4.7	5.1
PICK CB 13-94	5.6	4.4	4.9	5.0	5.1
SYN 96-3	5.7	4.3	5.2	4.7	5.1
ABT-CRB-1	6.2	3.8	4.9	4.6	5.1
BRIGHTON (SRX 1120)	5.9	3.5	5.2	4.7	5.1
BENGAL (BAR AS 8FUS2)	6.0	3.6	5.0	4.8	5.0
VESPER (PICK MVB)	4.0	4.5	6.3	5.1	5.0
SYN 96-1	5.7	4.1	5.2	4.5	5.0
IMPERIAL	5.7	4.2	5.1	4.4	5.0
SR 7200	3.9	5.3	6.2	4.7	5.0
BAR CB 8US3	5.5	3.5	5.4	4.5	4.9
SYN 96-2	5.7	3.4	5.0	4.6	4.9
CENTURY	5.6	3.5	5.1	4.3	4.8
BACKSPIN	5.5	4.1	4.8	4.4	4.8
PROVIDENCE	5.6	3.4	5.1	4.3	4.8
PENNLINKS	5.3	4.6	4.3	4.7	4.7
CRENSHAW	5.3	4.1	4.6	4.3	4.7
PENNCROSS	4.8	4.1	4.3	4.7	4.5
BAVARIA	3.9	4.2	3.2	3.8	3.7
LSD VALUE	0.5	1.0	0.5	0.8	0.4
C.V. (%)	5.9	14.4	6.5	10.2	8.4

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

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

TABLE 7.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AL1	AZ1	IA1	IL1	KS1	KY1	KY2	MA1	ME1	MI1	MO1	MT1	NC1	NE1	NJ1	NY1	OK1	PA1	RI1	RI2	SC2	TX1	UT1	VA1	WA3	WA4	WI1	WI2	MEAN
PENN A-2	6.6	7.0	6.7	6.0	6.7	8.7	8.0	7.7	7.1	6.3	6.6	6.9	7.0	7.8	6.8	7.0	7.8	6.8	6.7	6.7	7.8	7.1	4.1	6.8	6.8	6.7	6.6	6.6	6.9
SYN 96-2	6.8	6.5	7.4	5.8	6.3	7.9	7.4	6.3	7.2	6.5	5.9	7.3	6.3	7.7	7.2	7.0	7.8	7.2	7.0	7.3	8.2	7.3	4.9	6.6	7.1	6.7	6.6	6.3	6.9
L-93	6.8	5.9	6.9	6.1	7.0	8.0	8.0	8.3	7.3	6.3	6.8	7.1	6.7	8.0	6.3	7.3	7.3	6.0	7.2	6.7	8.2	6.9	5.6	6.8	6.6	7.3	6.4	6.3	6.9
PST-A2E	7.0	6.3	6.8	6.0	6.7	8.0	7.7	5.7	6.8	6.3	6.1	6.8	8.0	7.4	7.0	6.7	7.4	6.8	7.3	8.0	7.8	7.1	5.0	6.8	7.3	7.0	6.7	6.6	6.8
SRX 1NJH	6.9	6.3	6.5	6.1	6.3	8.3	7.9	5.0	7.6	6.7	6.2	6.6	7.0	8.0	6.3	7.0	7.5	7.0	7.5	7.3	8.2	6.9	4.6	7.1	7.2	7.0	6.3	6.1	6.8
PENN G-1	6.6	6.2	6.9	5.5	6.7	8.3	7.8	8.0	7.3	6.0	6.7	6.9	7.3	7.6	7.4	7.0	7.3	6.5	6.7	7.3	7.7	6.7	5.3	6.7	7.0	6.7	6.6	6.3	6.8
PENN A-4	6.8	6.7	6.8	5.6	6.3	8.4	7.9	7.3	7.3	6.0	5.9	6.9	7.3	7.4	6.3	7.0	7.1	6.0	6.8	7.0	7.7	7.2	5.0	6.7	6.8	7.0	6.4	6.2	6.7
SRX 1BPAA	7.5	6.7	6.3	5.9	5.7	7.3	7.1	5.7	7.8	6.0	6.4	7.1	7.0	8.0	5.6	7.0	7.4	6.2	6.8	7.7	8.0	6.8	4.8	6.8	7.0	8.0	6.7	6.3	6.7
BRIGHTON (SRX 1120)	7.0	5.8	6.4	6.1	6.7	7.7	7.6	7.3	7.4	6.6	6.8	6.9	6.3	7.7	5.9	7.0	7.3	5.7	6.7	7.7	8.2	6.8	4.8	6.6	6.4	7.0	6.6	6.3	6.7
SR 1119	6.6	6.3	6.6	6.1	7.0	7.8	7.3	7.3	7.3	6.0	6.6	6.9	6.7	7.9	6.4	7.0	7.2	6.5	7.0	7.7	8.2	7.0	4.7	6.4	6.3	7.7	6.1	6.0	6.7
ISI AP-5	6.5	6.3	6.5	6.1	6.7	7.5	7.0	8.3	7.8	6.1	6.2	6.6	7.3	7.6	5.8	6.7	7.1	6.8	6.5	7.7	7.8	7.3	5.1	6.6	7.2	7.0	6.6	6.2	6.7
PENN A-1	6.0	6.0	6.8	5.9	7.3	7.8	7.6	7.3	6.8	6.0	6.2	6.7	7.0	7.7	8.1	6.7	7.5	6.3	7.0	7.3	7.7	6.7	5.2	6.1	6.8	7.0	6.4	6.2	6.7
BAR CB 8US3	6.4	6.8	6.5	6.6	6.3	7.4	7.0	7.3	7.1	6.3	6.8	7.1	6.7	7.9	5.8	6.7	7.1	5.8	7.0	7.7	8.0	6.8	4.9	6.3	6.8	7.3	6.2	5.9	6.7
CRENSHAW	7.0	6.3	7.1	5.8	5.7	7.3	6.9	7.3	7.3	5.8	6.3	7.0	7.7	8.1	6.2	6.7	7.0	6.0	6.8	8.0	8.0	6.9	4.8	6.4	6.3	7.3	6.2	5.9	6.6
PENN G-6	5.8	6.0	6.6	5.6	6.7	8.0	7.0	7.7	7.3	6.2	6.0	6.9	6.3	7.9	7.1	7.0	7.1	6.8	7.0	7.3	7.7	6.5	4.4	6.4	6.3	7.0	6.2	6.2	6.6
ABT-CRB-1	6.3	6.3	7.0	5.8	6.0	6.9	6.8	5.7	7.0	6.4	5.9	7.1	6.3	7.7	6.7	6.7	7.2	5.8	7.0	8.0	7.8	7.0	4.7	6.8	6.4	6.3	6.7	6.2	6.6
PICK CB 13-94	6.5	6.5	6.4	5.8	6.0	6.8	6.3	6.7	7.3	6.4	6.1	6.9	6.3	7.9	5.2	7.0	7.3	6.3	7.2	7.3	8.0	6.7	4.7	6.7	6.8	7.0	6.6	6.6	6.6
BENGAL (BAR AS 8FUS2)	6.2	5.5	7.1	5.4	6.3	6.8	6.3	6.3	7.1	6.6	6.4	6.7	7.0	7.7	6.2	7.0	7.1	6.2	6.3	6.7	7.7	6.6	5.2	6.4	6.1	6.3	6.3	6.1	6.5
PROVIDENCE	6.3	5.8	6.5	6.0	6.0	7.0	7.0	8.0	7.0	6.0	6.2	6.1	6.7	7.8	6.2	6.7	7.1	5.2	7.0	7.3	7.8	6.5	4.9	6.3	6.1	7.0	6.0	5.9	6.4
VESPER (PICK MVB)	6.3	5.3	6.7	5.3	6.3	4.4	5.0	6.0	8.0	6.3	5.3	6.8	6.7	5.0	7.4	6.3	7.7	7.3	7.8	9.0	7.5	6.0	3.8	7.0	8.3	5.0	7.2	6.9	6.4
SYN 96-3	5.8	5.8	7.1	5.3	6.7	6.3	6.0	5.7	7.1	6.2	5.9	6.6	6.0	7.3	7.6	6.3	7.1	6.5	6.8	6.7	7.5	6.9	4.8	5.6	7.0	6.0	6.2	6.0	6.4
CENTURY	6.1	5.5	6.8	5.4	5.3	7.0	6.8	8.0	7.3	5.8	6.2	7.0	6.0	7.2	5.1	6.3	7.3	5.8	6.7	6.7	7.5	6.7	4.9	5.6	6.2	6.3	6.1	5.8	6.3
IMPERIAL	5.5	5.6	7.0	5.3	6.7	7.2	7.1	7.3	6.8	5.7	5.8	6.4	6.7	7.0	6.2	6.7	7.3	5.2	6.2	7.0	7.5	6.9	4.8	5.8	6.2	6.0	6.2	6.1	6.3
SYN 96-1	5.3	5.8	7.3	5.3	5.7	6.7	6.1	7.3	7.0	6.1	5.7	6.7	6.3	6.9	5.6	6.7	6.9	6.0	6.7	6.7	7.7	6.9	5.0	4.6	6.6	6.0	6.1	6.1	6.2
SR 7200	6.3	5.0	6.3	4.7	6.7	4.1	4.6	7.7	7.8	6.5	4.8	6.7	7.0	4.0	7.2	6.7	7.0	6.5	8.0	8.0	7.3	6.1	4.1	7.0	8.2	5.0	6.4	6.2	6.2
BACKSPIN	5.5	5.4	6.6	5.4	6.3	6.3	6.2	7.3	6.8	5.7	5.9	6.7	7.0	7.1	5.1	6.7	6.8	5.2	6.5	6.7	7.3	6.4	4.3	5.4	5.4	6.0	6.1	5.9	6.0
PENNCROSS	5.3	5.5	6.0	4.9	6.0	5.8	5.8	7.7	7.3	6.1	5.9	5.9	5.7	7.2	3.8	7.0	6.9	5.3	6.3	5.7	7.7	6.1	4.2	5.8	5.7	4.7	6.3	6.0	5.9
PENNLINKS	6.1	5.3	6.2	4.8	5.7	6.2	5.8	8.3	7.2	5.8	6.0	6.3	6.7	7.4	3.8	6.0	7.0	4.8	5.8	5.7	7.5	5.8	3.6	5.9	5.4	5.7	5.8	5.7	5.9
BAVARIA	4.8	5.0	5.8	5.3	6.3	4.1	4.6	7.0	6.0	6.6	5.8	5.0	6.3	5.0	2.5	5.0	6.2	3.0	6.3	5.7	7.3	6.3	3.3	4.9	6.0	4.3	5.4	5.3	5.3
LSO VALUE	1.2	0.8	1.0	1.1	1.3	1.2	1.5	1.4	1.1	0.7	1.3	1.4	0.9	1.4	2.2	0.8	0.7	1.0	1.1	0.9	0.7	1.0	1.4	1.4	0.9	0.8	0.9	0.8	0.3
C.V. (%)	11.6	7.9	9.8	13.0	12.6	11.0	13.9	12.5	9.6	6.7	13.8	13.4	8.4	12.2	22.4	7.8	6.1	9.8	10.1	7.5	5.6	9.4	18.2	13.8	8.7	7.7	9.8	9.0	11.3

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

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

TABLE 8.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	IA1	IL1	KY2	MA1	MI1	MO1	MT1	NE1	NJ1	NY1	OK1	PA1	RI1	RI2	TX1	VA1	WA3	WI1	WI2	MEAN
SR 7200	5.3	5.0	6.1	8.2	6.7	5.7	7.0	5.3	4.0	6.8	6.3	5.6	7.5	7.8	7.3	6.8	7.1	6.2	5.8	5.0	6.1
PST-A2E	6.4	6.3	5.5	8.2	4.7	6.1	5.3	6.7	6.3	4.8	6.8	5.9	6.8	6.0	5.3	8.0	5.8	6.1	5.8	5.0	6.0
PENN G-6	6.1	6.3	5.3	7.5	6.7	6.0	6.0	6.3	6.8	5.2	6.8	6.2	7.0	5.3	4.7	7.5	5.9	5.2	5.6	4.8	6.0
PENN A-4	6.7	6.1	5.5	7.3	6.3	5.9	5.3	6.7	7.7	4.7	6.5	5.9	7.0	5.7	4.7	6.8	5.6	5.7	5.8	4.7	6.0
PENN A-2	7.2	6.3	5.4	7.3	6.7	6.1	5.3	6.0	7.3	4.9	6.7	6.0	6.3	5.0	4.3	7.0	5.8	5.2	5.4	4.4	6.0
PENN G-1	6.8	5.8	5.2	7.7	7.0	6.0	5.7	6.0	6.8	5.3	6.7	5.8	6.0	5.3	4.3	7.2	5.8	6.1	5.3	4.3	6.0
PENN A-1	6.5	6.7	5.9	7.7	6.3	6.0	5.3	6.0	6.8	5.0	6.3	5.7	6.7	4.8	4.0	7.2	5.6	5.4	5.2	5.0	6.0
VESPER (PICK MVB)	5.1	5.3	5.7	8.3	5.0	5.6	5.7	4.7	4.3	6.0	6.5	5.3	7.2	7.7	6.7	6.7	7.1	6.2	5.6	5.4	5.9
ISI AP-5	6.5	6.0	5.9	7.2	7.3	6.0	6.7	6.0	6.5	4.4	6.7	6.1	5.7	4.8	4.0	7.3	5.3	5.1	5.7	4.9	5.9
SRX 1NJH	6.8	6.0	5.4	7.3	4.0	6.6	6.0	6.3	6.3	5.2	6.8	5.9	6.0	4.8	4.0	7.2	6.3	5.4	5.6	4.8	5.9
SYN 96-1	6.1	6.7	5.7	6.7	6.3	5.9	5.3	5.7	6.5	4.8	6.7	5.7	6.8	5.7	5.0	6.7	6.2	5.9	5.2	4.3	5.9
IMPERIAL	6.0	6.1	5.7	7.0	6.3	6.0	6.0	7.3	6.7	4.6	6.5	6.0	7.0	5.8	5.0	7.5	5.4	4.8	5.2	4.6	5.9
CRENSHAW	6.6	6.5	5.8	7.3	6.3	5.9	6.0	7.0	7.0	4.2	6.5	5.8	6.0	5.7	4.3	7.5	5.2	4.4	5.3	4.6	5.9
BAR CB 8US3	6.5	5.9	5.7	7.3	6.3	6.0	5.0	6.0	6.5	5.1	6.5	5.9	6.3	5.2	4.7	7.0	5.2	5.6	5.3	4.6	5.9
PICK CB 13-94	6.3	6.2	5.9	7.2	5.7	6.1	5.7	6.7	6.3	5.4	6.8	5.6	5.5	5.5	4.7	7.2	5.8	4.4	5.4	4.6	5.9
L-93	5.6	6.0	5.7	6.7	7.3	6.0	6.0	6.0	6.7	5.3	6.7	6.0	6.2	5.5	4.7	7.0	5.6	4.7	5.3	4.7	5.9
BENGAL (BAR AS 8FUS2)	5.5	6.8	5.3	7.0	5.3	6.0	6.3	6.7	7.2	4.9	6.7	6.2	6.8	6.2	5.3	7.0	5.1	5.3	5.0	4.7	5.8
SYN 96-3	5.8	6.8	6.0	6.7	4.7	6.1	6.7	5.7	7.5	4.1	6.0	5.8	7.2	5.7	5.0	6.7	6.0	5.3	5.3	4.4	5.8
SYN 96-2	6.3	7.3	5.3	7.3	5.3	6.0	6.0	6.3	6.7	4.0	6.8	5.6	6.3	5.0	4.3	7.2	5.9	5.2	4.9	4.4	5.8
PROVIDENCE	6.3	6.1	5.8	7.3	7.0	6.1	5.3	6.7	6.7	4.9	6.5	5.8	6.2	5.5	4.3	7.3	5.1	4.4	5.0	4.3	5.8
BRIGHTON (SRX 1120)	6.0	5.8	5.8	7.5	6.3	6.0	4.7	6.3	7.0	5.1	6.5	6.2	5.7	5.2	4.3	7.3	5.1	4.7	5.4	4.4	5.8
BACKSPIN	5.9	5.8	5.5	6.3	6.5	5.9	6.0	6.0	6.2	5.0	6.5	6.1	7.7	5.7	4.7	6.8	5.4	4.8	5.2	4.7	5.8
SRX 1BPAA	6.1	5.7	5.6	7.2	4.7	6.0	5.3	6.0	7.0	5.1	6.8	5.9	5.8	5.7	5.3	7.8	5.2	4.7	5.1	4.4	5.8
SR 1119	6.3	5.8	5.1	7.0	6.3	6.0	4.7	5.7	6.7	5.1	6.5	5.8	6.3	5.0	4.0	7.3	5.4	4.9	5.1	4.6	5.7
CENTURY	5.7	6.3	5.5	6.8	7.0	6.0	6.0	6.0	6.5	4.4	6.5	5.8	7.5	5.3	4.0	6.3	5.1	4.9	5.0	4.4	5.7
ABT-CRB-1	6.1	6.4	5.4	7.2	4.7	5.9	5.7	5.3	6.7	4.0	6.8	5.7	6.0	5.0	4.3	7.3	5.2	4.6	5.1	4.8	5.6
PENNCROSS	5.2	5.3	5.3	6.3	6.7	5.9	6.0	6.3	6.0	5.3	6.5	6.0	5.8	5.7	5.0	7.0	4.7	4.4	5.3	4.6	5.6
BAVARIA	4.7	4.9	5.0	7.8	6.0	5.9	5.7	6.0	4.0	4.7	5.7	5.5	7.2	7.5	6.3	6.5	5.7	5.2	5.2	4.2	5.6
PENNLINKS	4.8	5.4	5.5	6.5	7.3	6.0	6.3	5.3	5.8	4.9	6.2	5.8	5.8	5.5	4.7	6.7	4.4	4.9	5.0	4.3	5.5
LSD VALUE	1.4	1.1	1.2	0.9	1.4	0.6	1.2	1.6	1.6	1.5	0.9	0.9	1.2	0.9	0.8	1.2	1.1	1.2	1.0	1.1	0.3
C.V. (%)	14.0	11.1	13.8	7.6	14.7	6.4	12.5	16.4	15.3	19.0	8.3	10.0	12.6	9.7	10.0	10.4	12.7	14.5	12.5	14.9	12.6

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

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

TABLE 9.

LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AL1	AZ1	IA1	KS1	KY1	KY2	ME1	MI1	MT1	NC1	NJ1	NY1	OK1	PA1	RI1	SC2	TX1	WI1	MEAN
VESPER (PICK MVB)	8.3	5.9	7.9	7.2	9.0	9.0	8.8	8.0	7.3	8.0	9.0	8.0	8.6	9.0	9.0	8.5	6.5	9.0	7.8
SR 7200	8.4	5.7	7.8	7.3	9.0	9.0	8.5	7.6	6.7	7.7	9.0	7.2	8.6	9.0	9.0	7.8	6.2	8.7	7.6
PENN A-1	6.6	7.6	7.6	8.2	8.3	8.3	5.3	8.2	6.4	5.0	7.8	7.2	7.7	7.7	7.7	8.2	8.1	7.3	7.5
SYN 96-3	6.0	6.7	7.7	7.8	8.0	8.0	5.8	8.2	6.7	5.0	7.5	7.2	7.9	7.7	7.3	8.3	7.6	7.7	7.3
PENN A-4	6.7	8.1	7.3	6.8	7.7	7.7	5.3	7.8	6.2	5.7	7.2	7.3	7.4	6.7	7.7	8.2	7.8	7.3	7.3
PENN G-1	7.2	7.6	7.0	7.7	7.0	7.0	5.7	8.0	6.4	6.0	7.8	7.5	7.5	7.0	7.0	7.8	7.2	7.0	7.3
BAVARIA	7.9	5.9	6.9	6.8	9.0	9.0	9.0	7.6	7.0	8.7	7.3	6.5	8.8	5.3	8.7	7.0	5.8	9.0	7.3
PST-A2E	6.8	7.3	7.0	7.5	8.3	8.3	6.0	7.9	6.8	4.7	7.2	7.0	7.2	6.7	8.0	8.2	7.4	8.0	7.2
PENN A-2	7.3	7.4	6.9	7.8	8.0	8.0	4.8	8.0	6.3	6.3	6.5	7.0	7.3	6.7	8.0	8.2	7.3	7.0	7.2
SYN 96-1	5.9	7.0	7.9	8.2	7.7	7.7	4.8	7.6	6.1	5.3	6.8	7.3	8.0	7.3	7.7	8.2	7.2	7.3	7.2
ABT-CRB-1	6.2	6.5	7.0	8.0	8.0	8.0	6.5	8.0	6.3	5.0	6.7	7.0	7.3	7.0	7.7	8.5	7.5	7.7	7.1
SYN 96-2	4.9	7.3	7.3	8.0	7.3	7.3	5.5	8.1	6.1	6.0	7.2	7.0	8.0	8.0	8.0	8.2	7.3	7.3	7.1
CENTURY	6.3	6.9	7.0	7.3	8.0	8.0	5.5	7.7	6.7	5.7	6.5	7.2	7.1	6.7	7.3	8.0	7.3	6.7	7.0
BENGAL (BAR AS 8FUS2)	6.6	7.3	7.2	7.7	7.0	7.0	5.5	7.9	5.7	6.7	6.0	6.8	7.1	6.7	7.3	8.0	7.3	7.0	7.0
IMPERIAL	5.4	7.0	7.2	7.5	7.3	7.3	5.2	7.8	6.7	4.7	6.7	7.3	7.2	6.3	6.7	7.8	7.3	7.7	6.9
BAR CB 8US3	6.6	6.8	6.8	7.3	8.0	8.0	5.2	7.6	6.3	6.0	5.8	7.5	7.0	6.7	6.7	8.0	6.9	6.7	6.9
ISI AP-5	5.7	7.0	6.7	7.5	6.3	6.3	5.5	7.8	6.7	5.7	6.7	7.2	7.2	6.0	6.7	7.8	7.0	7.0	6.9
PENN G-6	6.1	6.8	6.7	7.2	7.3	7.3	5.2	7.9	5.6	6.0	5.8	7.0	7.3	7.0	7.3	7.7	6.8	7.0	6.8
L-93	5.9	7.0	7.2	7.0	7.3	7.3	4.7	7.6	6.4	5.7	5.7	6.8	7.1	6.0	7.7	7.7	6.8	6.7	6.7
SR 1119	5.9	6.7	6.8	7.3	6.0	6.0	5.0	8.0	5.9	5.7	5.8	7.0	7.1	6.0	7.3	7.8	6.5	7.3	6.7
PROVIDENCE	5.8	6.8	6.3	7.2	7.7	7.7	4.8	7.7	5.9	6.0	4.8	7.0	7.1	5.7	7.3	8.0	6.8	7.0	6.6
CRENSHAW	5.2	6.6	7.0	7.0	6.7	6.7	6.0	7.8	5.9	5.7	5.0	7.0	7.0	6.0	7.0	8.2	6.6	7.3	6.6
BACKSPIN	5.4	6.8	7.0	6.8	6.7	6.7	5.2	7.4	5.9	5.3	4.8	6.8	7.1	6.7	7.0	7.7	6.8	6.3	6.6
BRIGHTON (SRX 1120)	5.6	6.5	6.3	6.7	7.0	7.0	4.5	7.8	6.2	6.0	5.2	7.2	7.3	5.0	7.3	8.0	6.3	6.7	6.5
SRX 1BPAA	6.1	6.8	6.1	7.0	5.7	5.7	4.7	7.9	6.2	5.3	4.5	6.7	7.0	4.7	7.0	7.7	6.3	6.3	6.4
SRX 1NJH	5.1	6.1	6.3	7.0	6.3	6.3	5.0	7.8	5.9	5.0	6.0	6.8	7.0	5.7	7.0	7.8	6.7	7.0	6.4
PICK CB 13-94	5.9	6.4	5.9	7.0	6.0	6.0	4.5	7.6	5.6	5.0	4.3	7.0	7.0	5.7	7.3	7.7	6.6	6.7	6.4
PENNLINKS	5.4	6.1	5.4	6.3	4.0	4.0	5.2	7.4	5.9	6.0	3.0	6.7	6.3	5.0	7.3	7.5	6.0	6.3	5.9
PENNCROSS	4.8	5.6	6.0	6.3	4.0	4.0	5.7	7.8	6.2	5.3	3.5	6.7	6.4	4.0	6.7	7.2	5.8	6.0	5.9
LSD VALUE	1.3	1.1	1.0	1.0	0.8	0.8	1.3	0.9	1.4	0.9	1.6	1.0	0.5	1.0	0.8	0.6	1.0	0.8	0.3
C.V. (%)	13.4	10.1	9.0	8.3	6.7	6.7	14.8	7.2	13.7	9.2	15.8	8.5	4.4	9.2	6.7	4.9	9.1	7.3	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 10.

SEEDLING VIGOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	KY1	KY2	MA1	MI1	MO1	MT1	NJ1	NY1	OK1	PA1	RI1	WA4	MEAN
PENN A-4	8.7	8.7	8.0	5.0	7.7	7.0	8.0	6.7	6.0	6.3	8.0	7.0	7.3
PENN A-2	8.3	8.3	7.7	6.7	7.0	7.0	7.0	7.0	6.0	7.3	7.3	6.3	7.2
PENN G-1	8.3	8.3	7.3	4.0	7.7	6.7	8.0	6.7	6.0	7.7	7.3	6.3	7.0
PENN A-1	8.3	8.3	7.3	5.3	5.0	6.3	7.7	6.0	7.0	7.0	8.3	6.7	6.9
BACKSPIN	8.0	8.0	7.7	4.0	7.7	6.0	7.0	7.0	5.0	7.0	7.3	6.7	6.8
CRENSHAW	8.3	8.3	7.0	5.7	6.0	6.0	7.7	7.0	5.3	7.0	6.7	6.3	6.8
PENNCROSS	8.3	8.3	7.3	4.3	6.3	6.3	6.7	7.0	5.3	7.7	6.7	7.0	6.8
SYN 96-1	7.7	7.7	6.0	4.3	7.3	6.7	7.0	6.7	6.7	7.3	8.0	5.7	6.8
L-93	7.0	7.0	8.0	5.0	7.7	5.7	7.0	6.7	5.7	7.3	7.3	6.3	6.7
PENN G-6	8.0	8.0	7.3	4.0	7.0	7.7	6.7	6.0	5.0	6.7	7.0	6.3	6.6
PENNLINKS	8.3	8.3	7.7	3.7	5.7	6.3	6.7	7.0	5.7	7.3	6.3	6.0	6.6
PROVIDENCE	8.3	8.3	6.7	4.7	5.7	6.3	7.0	6.0	6.0	7.3	6.3	5.7	6.5
CENTURY	7.7	7.7	7.3	3.3	6.7	5.3	6.0	6.7	6.0	7.0	8.0	6.7	6.5
IMPERIAL	8.0	8.0	6.3	5.3	6.3	5.3	6.0	7.0	5.7	6.7	7.0	5.7	6.4
PICK CB 13-94	7.7	7.7	6.3	2.3	6.0	6.3	6.0	7.0	6.0	6.7	7.3	6.7	6.3
SR 1119	7.3	7.3	6.0	4.3	6.7	5.3	7.0	7.3	5.3	6.7	6.3	6.3	6.3
ISI AP-5	7.3	7.3	6.7	3.3	6.3	6.0	6.3	6.7	5.7	6.7	6.0	5.3	6.1
SYN 96-3	7.7	7.7	5.3	3.0	7.3	5.0	6.3	6.0	5.7	5.7	7.7	6.0	6.1
BENGAL (BAR AS 8FUS2)	7.3	7.3	6.0	2.7	6.3	5.0	5.7	6.3	6.0	6.3	7.7	6.3	6.1
SRX 1BPAA	7.3	7.3	5.7	3.3	5.7	5.3	6.3	6.7	5.7	6.7	7.0	6.0	6.1
BRIGHTON (SRX 1120)	7.7	7.7	5.7	3.0	7.3	5.7	5.3	7.3	5.3	5.0	7.0	5.7	6.1
BAR CB 8US3	8.0	8.0	6.3	2.3	6.0	5.7	5.0	6.7	6.0	6.0	5.7	6.0	6.0
SYN 96-2	7.3	7.3	5.7	3.7	4.7	5.3	5.7	5.7	6.3	6.3	7.3	6.0	5.9
BAVARIA	6.7	6.7	5.0	4.7	5.0	5.3	7.3	5.0	4.3	7.0	7.0	5.7	5.8
ABT-CRB-1	6.0	6.0	5.7	4.0	5.3	6.3	6.0	6.7	5.3	6.0	5.3	6.0	5.7
SR 7200	5.3	5.3	5.7	3.7	4.7	4.7	7.0	3.7	5.7	6.3	8.7	6.7	5.6
PST-A2E	6.7	6.7	5.3	3.7	5.7	6.0	5.0	5.7	4.0	4.0	6.7	6.0	5.4
SRX 1NJH	6.3	6.3	4.7	3.3	4.0	4.0	5.7	6.3	6.0	5.3	6.3	5.7	5.3
VESPER (PICK MVB)	5.0	5.0	4.3	2.7	5.7	4.3	6.3	4.7	5.3	6.0	8.7	5.0	5.3
LSD VALUE	1.0	1.0	1.8	2.0	2.1	1.9	0.9	1.4	1.5	1.1	1.8	1.3	0.4
C.V. (%)	8.0	8.0	17.2	31.7	21.3	20.6	8.4	13.5	16.9	10.3	15.4	13.3	15.2

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

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

TABLE 11.

SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	IA1	IL1	KY1	KY2	MI1	MT1	NC1	NE1	OK1	PA1	TX1	UT1	VA1	WA3	WA4	WI1	WI2	MEAN
PENN A-1	7.5	6.7	6.7	8.1	8.0	7.2	5.9	6.3	8.8	7.8	7.8	7.0	4.3	6.0	7.1	6.0	6.1	4.8	6.9
PENN A-4	8.1	6.8	6.3	7.2	7.2	7.4	6.0	6.7	8.7	7.9	7.7	6.9	3.7	6.0	6.7	6.3	6.4	5.0	6.8
PENN A-2	7.6	6.7	6.1	7.7	8.0	7.3	6.3	6.7	9.0	7.3	7.8	6.6	4.3	5.0	7.0	5.7	6.3	5.1	6.8
PENN G-1	7.9	6.8	5.9	7.6	7.7	7.1	6.0	6.7	9.0	7.8	7.7	6.6	4.0	5.3	6.8	6.0	6.0	4.8	6.7
SYN 96-1	6.8	7.5	5.7	6.8	7.0	7.2	5.7	6.3	8.7	7.7	8.5	6.8	4.0	6.3	7.4	6.3	6.3	5.0	6.7
PST-A2E	7.4	6.8	5.5	7.9	7.8	7.1	6.1	4.7	9.0	7.3	7.3	6.5	3.7	6.0	7.3	6.3	6.1	5.0	6.7
SYN 96-3	6.6	7.2	6.3	6.2	6.4	7.2	5.6	6.0	8.8	7.8	8.3	6.5	4.3	6.0	7.4	6.3	6.3	5.4	6.6
SYN 96-2	6.8	8.0	6.5	6.3	6.8	7.2	5.4	6.0	8.2	7.8	8.5	6.3	3.7	6.0	7.0	6.0	6.2	5.3	6.6
VESPER (PICK MVB)	5.3	6.3	5.0	7.7	7.9	6.8	5.7	6.7	7.0	8.3	8.8	5.1	2.0	6.3	8.8	7.0	6.8	6.8	6.6
CENTURY	7.2	7.2	6.1	6.9	7.1	7.2	5.9	5.7	7.8	7.0	8.0	6.8	4.7	5.0	6.6	6.3	6.1	4.7	6.5
L-93	6.8	6.7	6.1	7.6	7.7	7.2	6.1	6.0	9.0	7.1	6.8	6.8	3.7	5.3	5.6	5.7	6.2	5.0	6.5
SR 7200	4.8	6.2	5.4	7.7	8.0	6.8	5.6	8.0	6.3	8.1	8.5	5.4	2.7	6.0	8.6	7.7	6.2	5.9	6.5
PENN G-6	7.0	6.3	5.8	7.3	6.9	7.0	6.2	6.3	8.8	7.2	7.2	6.7	4.0	6.3	6.2	5.3	6.0	4.6	6.5
ABT-CRB-1	6.1	6.7	5.6	7.3	7.8	7.1	5.6	5.0	8.8	7.4	7.5	6.8	4.3	5.3	6.6	6.7	6.1	4.8	6.5
BENGAL (BAR AS 8FUS2)	7.2	7.5	6.3	7.0	7.1	7.3	5.4	6.0	8.7	7.0	7.0	6.4	2.7	4.7	5.7	6.0	6.3	5.1	6.4
IMPERIAL	6.9	6.8	6.3	6.9	7.2	7.3	5.6	6.3	8.0	7.2	7.3	6.7	3.7	5.7	6.1	5.7	5.7	4.7	6.4
ISI AP-5	6.8	6.5	5.8	7.0	7.2	7.0	5.9	6.7	8.7	7.2	6.8	6.6	4.0	4.7	5.7	5.7	6.2	5.1	6.4
SRX 1NJH	6.6	6.3	5.7	7.2	7.6	7.4	5.2	4.7	8.7	7.0	7.3	6.0	4.3	6.0	6.3	5.3	6.2	5.0	6.4
BACKSPIN	7.0	6.7	5.8	6.8	6.9	6.9	5.8	6.7	7.8	6.8	7.2	6.6	2.7	5.7	6.2	6.3	6.0	5.0	6.3
SR 1119	7.1	6.2	5.8	7.0	7.4	7.2	5.7	6.3	8.5	6.9	7.0	6.3	3.3	4.3	6.1	6.0	6.1	4.7	6.3
BRIGHTON (SRX 1120)	7.3	5.8	6.4	6.8	7.3	7.0	5.7	5.7	8.8	7.0	6.2	5.9	3.0	4.3	6.1	5.7	6.0	4.9	6.3
PROVIDENCE	7.3	6.0	5.9	6.6	7.0	7.1	5.7	6.3	8.0	6.9	6.5	6.4	4.0	4.7	5.8	5.0	5.8	4.8	6.2
PICK CB 13-94	6.8	6.3	5.8	6.3	6.4	6.9	6.0	5.7	8.2	7.0	6.7	6.3	3.3	6.0	5.7	5.3	6.3	5.2	6.2
BAR CB 8US3	6.8	6.2	5.6	6.8	6.9	7.0	5.8	6.0	7.8	6.8	6.3	6.3	3.3	5.0	6.3	6.0	5.8	4.4	6.2
SRX 1BPAA	6.7	5.7	5.4	7.0	6.9	7.0	6.0	6.0	8.7	7.0	6.0	5.9	3.3	4.0	6.1	5.7	5.8	5.1	6.1
CRENSHAW	6.6	6.5	5.9	6.1	6.2	6.8	5.8	6.3	7.5	6.9	6.2	5.8	2.3	4.7	5.6	5.3	5.6	4.7	5.9
PENNLINKS	6.0	5.8	5.1	6.8	6.6	6.9	6.4	6.0	8.3	6.1	5.2	5.9	2.3	3.7	4.3	5.3	5.6	4.3	5.7
PENNCROSS	6.0	5.7	5.2	6.2	6.1	6.8	6.6	6.0	8.3	6.6	5.0	6.3	2.7	4.0	4.3	4.3	5.4	4.3	5.7
BAVARIA	4.8	5.7	4.4	5.8	5.8	6.8	4.8	7.7	6.7	7.7	3.0	5.3	2.3	3.3	5.3	6.3	5.0	4.6	5.3
LSD VALUE	1.2	1.2	1.4	1.2	1.4	0.6	1.7	1.5	0.8	0.6	1.1	1.1	1.2	1.2	1.0	1.1	1.2	1.2	0.4
C.V. (%)	11.0	11.5	15.3	10.4	12.5	5.4	18.4	15.1	5.8	5.5	9.4	11.6	21.6	14.8	10.3	11.7	12.0	16.5	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 12.

SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	IL1	KY1	KY2	ME1	MI1	MT1	NC1	NE1	NJ1	NY1	OK1	TX1	UT1	VA1	WA3	WA4	WI1	WI2	MEAN
SYN 96-3	6.8	6.7	7.7	7.8	8.0	7.8	7.2	8.0	9.0	7.7	7.7	8.0	6.7	6.3	6.9	7.2	7.7	6.7	6.6	7.2
PENN A-1	7.3	6.8	7.0	7.0	7.3	8.3	7.3	8.0	9.0	8.1	7.3	7.8	6.9	6.5	6.7	6.8	7.3	6.3	6.6	7.2
VESPER (PICK MVB)	5.5	7.8	6.7	6.5	7.7	7.8	6.6	8.0	7.0	7.4	8.0	7.5	5.6	7.7	6.8	8.0	9.0	7.2	7.1	7.1
SYN 96-1	7.3	6.8	7.8	8.3	6.3	8.0	7.2	7.3	9.0	6.7	8.3	8.0	6.8	6.8	7.0	7.3	7.0	6.0	5.9	7.1
SYN 96-2	7.1	6.8	7.0	7.7	6.3	8.1	7.1	8.3	9.0	7.0	7.7	8.0	6.8	6.5	6.8	6.4	7.0	6.5	6.1	7.0
SR 7200	4.9	7.1	6.8	7.0	9.0	7.8	6.7	8.0	6.3	7.7	8.0	7.2	5.7	6.8	7.1	8.4	8.7	6.8	6.7	7.0
PENN A-4	8.2	6.8	6.7	6.8	6.3	7.8	7.4	8.3	9.0	6.8	7.7	7.2	7.1	5.8	6.3	6.7	7.0	6.2	6.0	7.0
PST-A2E	7.3	6.3	7.0	6.8	6.0	7.8	7.1	8.3	9.0	6.2	7.3	7.0	6.6	6.5	6.9	7.1	7.0	6.3	6.2	6.9
ABT-CRB-1	6.5	6.7	6.8	7.3	8.3	8.2	7.0	7.7	9.0	6.6	7.7	6.7	7.0	6.5	6.4	6.7	7.0	5.8	5.7	6.9
PENN G-1	7.8	6.7	6.3	7.0	8.0	7.7	6.7	8.0	9.0	6.8	7.3	7.2	6.7	6.2	6.7	6.2	7.3	5.8	5.6	6.8
PENN A-2	7.5	6.7	6.7	7.3	6.0	8.1	6.7	8.0	9.0	5.8	8.0	7.3	6.3	5.5	7.0	6.7	6.7	5.7	5.8	6.8
CENTURY	7.0	6.6	7.0	7.0	7.0	7.8	7.0	7.3	8.7	5.3	7.7	7.0	6.5	5.5	6.6	6.6	7.0	6.0	5.9	6.7
PENN G-6	6.7	6.5	6.5	7.3	7.7	7.8	6.8	7.3	9.0	6.6	7.3	7.2	6.2	5.5	6.4	6.6	7.0	5.8	5.8	6.7
IMPERIAL	7.1	6.2	6.8	7.3	7.7	7.6	6.6	8.0	8.7	5.6	7.7	6.7	6.3	6.5	6.8	6.3	6.7	5.7	5.6	6.6
BENGAL (BAR AS 8FUS2)	6.9	6.8	6.7	7.2	7.7	7.8	6.9	8.3	9.0	5.4	7.0	6.8	6.5	5.5	6.0	6.0	7.0	5.9	6.1	6.6
L-93	7.0	6.5	6.8	6.7	7.3	7.8	7.1	8.7	9.0	5.8	7.3	7.0	6.3	5.2	6.1	6.1	6.3	5.6	5.9	6.6
SRX 1NJH	6.6	6.4	6.2	6.7	6.7	7.8	6.7	8.3	8.7	6.1	7.0	7.0	6.5	5.7	7.0	6.6	6.0	5.6	5.6	6.6
BAR CB 8US3	6.9	6.7	5.8	6.5	7.7	7.6	6.6	7.7	8.3	5.6	7.3	6.8	6.0	5.2	6.0	7.0	6.7	6.1	6.0	6.6
ISI AP-5	7.0	6.5	5.5	6.7	7.7	7.5	6.7	8.0	8.7	5.8	7.7	6.8	6.5	4.8	5.9	6.3	6.0	6.2	5.9	6.5
CRENSHAW	7.1	6.0	6.3	6.7	7.3	7.4	7.1	8.3	9.0	4.7	7.3	6.8	6.3	5.2	7.1	6.7	7.0	5.7	5.6	6.5
BACKSPIN	7.1	6.4	6.7	6.5	7.3	7.1	6.9	6.7	8.0	4.8	7.3	6.8	6.3	5.3	6.3	5.8	7.3	5.5	5.7	6.4
PICK CB 13-94	6.9	6.2	5.7	6.3	8.0	7.5	6.4	7.7	8.3	4.0	7.3	6.5	6.7	5.0	6.6	6.2	6.0	5.6	5.8	6.3
BRIGHTON (SRX 1120)	6.5	5.8	6.2	7.0	7.3	7.4	6.9	7.3	9.0	4.9	7.3	6.7	6.0	4.7	6.0	6.2	6.7	5.8	5.7	6.3
PROVIDENCE	6.6	6.3	5.7	6.8	7.0	7.5	6.4	8.0	8.7	4.7	7.3	6.7	6.3	5.3	5.7	6.4	6.7	5.6	5.4	6.3
SR 1119	6.5	6.0	6.3	6.7	6.7	7.6	6.7	7.7	8.7	5.3	7.7	6.7	6.7	4.7	5.6	5.7	6.3	5.4	5.3	6.2
SRX 1BPAA	6.4	6.1	5.7	6.3	7.0	7.3	6.3	7.3	8.7	4.1	7.0	6.7	6.5	4.8	5.7	6.2	6.0	5.6	5.4	6.1
BAVARIA	4.8	6.3	4.2	3.8	9.0	6.8	5.8	7.3	6.7	1.3	7.0	6.7	5.8	6.3	5.7	5.1	6.0	5.6	5.8	5.7
PENNLINKS	5.8	5.3	4.2	4.5	7.7	7.0	6.8	7.7	8.0	2.7	7.0	5.5	5.8	4.2	5.4	5.7	6.0	5.3	5.2	5.6
PENNCROSS	5.8	5.0	4.3	4.3	7.7	6.8	6.9	8.0	8.0	2.8	7.0	5.5	5.8	4.0	5.3	4.2	5.0	5.5	5.4	5.4
LSD VALUE	1.0	1.1	1.4	1.4	1.8	1.0	1.5	0.9	0.7	1.7	0.8	0.7	1.1	1.2	1.3	1.4	0.8	1.2	1.1	0.4
C.V. (%)	9.5	10.3	13.6	12.7	15.6	7.9	14.6	7.2	5.2	19.1	6.4	6.3	12.2	13.4	12.8	13.1	7.2	14.4	13.9	11.7

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

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

TABLE 13.

FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	IL1	KY1	KY2	MI1	MT1	NE1	OK1	PA1	TX1	UT1	VA1	WA3	WA4	WI1	WI2	MEAN
PENN A-1	7.0	6.8	8.8	8.8	7.2	8.3	9.0	8.0	7.9	7.0	5.7	6.8	7.3	8.0	6.7	5.9	7.3
VESPER (PICK MVB)	5.8	7.0	8.2	7.8	6.6	7.3	6.3	8.2	8.9	5.6	6.3	7.4	9.0	8.3	7.9	7.4	7.3
PENN A-2	7.5	7.1	7.8	8.2	7.1	8.0	8.8	7.5	7.3	6.9	6.0	7.0	6.8	7.3	6.8	6.0	7.2
PENN G-1	7.3	6.7	8.3	8.5	7.0	8.0	8.8	7.5	7.4	6.9	6.3	7.1	7.0	7.0	6.8	5.9	7.2
PENN A-4	7.7	6.5	8.0	8.2	7.1	7.7	9.0	7.5	7.6	6.4	6.0	7.0	6.8	7.0	6.8	5.8	7.1
PST-A2E	7.0	6.7	7.8	7.8	6.9	8.3	8.5	7.0	7.2	7.1	5.3	6.9	6.8	6.7	6.9	6.6	7.1
SYN 96-1	6.9	7.0	7.0	7.2	6.9	8.3	8.7	8.0	8.1	6.1	5.7	7.2	7.5	7.3	6.4	5.7	7.0
SR 7200	5.6	6.8	8.2	8.0	7.0	8.3	6.0	8.0	8.2	6.0	4.3	6.8	9.0	8.7	7.2	6.4	7.0
PENN G-6	6.5	6.9	7.5	7.5	7.2	8.7	8.8	7.3	7.4	7.0	5.0	7.4	6.3	7.0	6.2	5.9	7.0
SYN 96-3	6.5	6.8	6.2	6.5	6.8	8.3	8.3	8.0	8.0	6.3	5.3	7.6	7.5	7.3	6.9	6.1	7.0
SYN 96-2	6.8	6.8	6.5	6.8	6.6	7.7	8.7	8.0	8.1	6.1	5.7	7.4	7.0	7.7	6.8	5.7	7.0
BENGAL (BAR AS 8FUS2)	6.9	7.0	7.5	7.5	6.8	7.7	8.8	7.2	7.3	6.4	5.3	6.8	6.2	6.7	6.6	6.0	6.9
ISI AP-5	6.8	6.3	7.3	7.7	6.8	8.0	8.7	7.0	6.9	7.0	5.0	6.7	6.5	6.7	6.3	5.9	6.8
L-93	6.6	6.7	7.5	7.5	6.7	8.0	8.5	7.0	6.7	7.1	5.0	6.9	6.0	6.7	6.4	6.0	6.8
IMPERIAL	6.8	6.5	7.0	7.2	7.0	8.0	8.3	7.0	6.9	6.4	5.0	7.0	6.8	7.0	6.1	5.8	6.8
SRX 1NJH	6.1	6.7	7.2	7.3	7.1	8.0	8.7	7.0	6.3	7.0	5.3	7.0	6.7	6.7	6.2	5.8	6.7
ABT-CRB-1	6.0	6.6	7.2	7.2	6.7	8.0	8.5	7.3	7.4	7.2	5.7	6.4	6.7	7.0	6.3	5.3	6.7
CENTURY	7.0	6.5	6.8	6.7	6.7	8.0	8.7	7.0	6.9	6.0	5.3	6.9	6.2	7.0	6.3	5.4	6.7
BAR CB 8US3	6.8	6.4	6.7	6.7	6.9	7.3	8.5	7.0	6.8	5.9	5.3	6.7	6.5	7.0	6.2	5.4	6.6
PROVIDENCE	6.4	6.2	7.0	7.0	7.1	8.0	8.3	7.0	6.7	6.2	5.3	6.3	6.3	7.0	6.3	5.4	6.6
BRIGHTON (SRX 1120)	6.3	6.3	6.5	7.0	7.0	7.7	8.5	7.0	6.2	6.2	5.3	6.6	6.0	7.0	6.3	5.7	6.5
BACKSPIN	6.6	6.2	7.0	6.7	6.8	8.0	8.2	6.7	7.0	6.4	6.0	6.3	6.2	6.7	5.8	5.4	6.5
SR 1119	6.3	6.2	7.3	7.2	6.9	8.3	8.5	7.0	6.3	6.4	5.3	6.2	5.7	6.0	6.1	5.7	6.5
SRX 1BPAA	6.3	6.0	6.7	7.2	7.0	8.0	8.8	7.0	5.6	6.3	5.0	6.6	6.3	6.7	5.9	5.6	6.5
PICK CB 13-94	6.4	5.9	6.0	6.0	6.7	8.0	8.5	7.0	6.4	6.7	5.3	7.0	5.3	6.3	5.9	5.8	6.4
CRENSHAW	6.7	5.9	6.2	6.7	7.0	8.0	8.7	7.0	6.8	5.9	5.0	6.9	5.7	6.7	5.7	4.9	6.4
PENNLINKS	5.9	5.4	5.2	5.2	6.9	7.7	8.5	6.3	5.0	6.6	3.3	6.1	4.5	6.0	5.6	5.6	5.9
PENNCROSS	5.4	5.1	4.0	4.3	6.8	8.7	8.2	6.3	5.1	6.2	3.7	5.8	4.2	6.0	5.4	5.4	5.6
BAVARIA	5.7	6.3	5.7	5.5	6.6	8.0	6.3	6.3	2.0	5.6	4.7	5.6	3.5	4.0	6.0	5.3	5.5
LSD VALUE	1.1	1.1	0.9	0.9	0.7	1.1	0.8	0.7	0.9	1.3	1.7	1.2	1.1	0.7	0.9	0.9	0.3
C.V. (%)	10.7	11.3	8.1	8.2	6.0	8.4	5.9	5.7	8.0	13.9	19.5	10.9	10.6	6.0	9.3	9.9	9.6

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

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

TABLE 14. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AZ1	KY1	KY2	MI1	M01	NC1	OK1	MEAN
PENN A-2	98.2	97.7	97.7	90.3	93.4	98.7	97.6	95.3
L-93	98.0	92.7	92.7	88.3	97.0	99.0	97.8	95.2
PENN G-1	98.8	93.0	93.0	85.8	98.3	99.0	97.8	95.1
BAR CB 8US3	98.4	97.0	97.0	87.9	97.0	99.0	95.6	95.0
PENNLINKS	95.6	97.3	97.3	88.8	97.1	98.7	97.1	95.0
PST-A2E	98.2	94.0	94.0	87.1	96.2	99.0	97.3	94.8
SR 1119	96.7	96.3	96.3	87.9	94.4	99.0	97.3	94.6
PENN A-4	98.9	95.0	95.0	90.8	86.7	99.0	97.6	94.1
BRIGHTON (SRX 1120)	97.8	93.0	93.0	85.4	95.2	98.3	97.5	94.0
PENNCROSS	93.9	96.3	96.3	86.7	96.1	99.0	97.1	94.0
PICK CB 13-94	98.3	99.0	99.0	87.1	88.0	99.0	97.3	93.8
BENGAL (BAR AS 8FUS2)	98.7	93.0	93.0	84.6	93.9	99.0	97.3	93.8
PENN G-6	98.1	97.7	97.7	87.1	88.2	98.7	97.9	93.8
BACKSPIN	98.1	99.0	99.0	87.9	87.9	99.0	96.0	93.5
ISI AP-5	95.6	96.7	96.7	87.1	89.8	99.0	97.7	93.5
PENN A-1	96.6	98.7	98.7	88.3	85.6	99.0	98.0	93.4
CRENSHAW	95.4	97.3	97.3	87.9	95.3	99.0	92.2	93.2
SYN 96-1	97.2	97.7	97.7	87.0	85.4	99.0	96.3	92.7
SYN 96-3	92.7	90.3	90.3	87.5	92.2	99.0	96.6	92.6
PROVIDENCE	97.2	92.7	92.7	88.3	86.1	99.0	96.3	92.6
CENTURY	97.0	98.7	98.7	86.6	87.1	99.0	92.3	92.0
SRX 1BPAA	95.3	90.7	90.7	87.5	83.9	98.3	97.2	91.6
IMPERIAL	97.7	98.7	98.7	90.0	76.0	99.0	95.3	91.5
SRX 1NJH	96.9	91.0	91.0	84.6	75.2	98.7	97.6	89.9
ABT-CRB-1	89.0	99.0	99.0	84.6	74.8	99.0	97.4	89.0
SYN 96-2	91.6	88.3	88.3	89.2	67.3	99.0	93.4	87.1
SR 7200	88.4	89.0	89.0	85.8	90.7	98.7	67.5	83.9
VESPER (PICK MVB)	90.6	83.3	83.3	83.3	83.9	99.0	71.0	82.8
BAVARIA	89.7	85.7	85.7	84.2	87.0	99.0	25.3	72.3
LSD VALUE	7.2	9.0	9.0	8.9	22.5	0.5	13.4	6.6
C.V. (%)	4.7	5.9	5.9	6.8	16.2	0.3	9.1	9.2

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

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

TABLE 15. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/									
NAME	AZ1	KY2	ME1	MI1	MO1	NC1	OK1	UT1	MEAN
L-93	99.0	85.0	78.3	91.7	98.3	75.0	95.6	80.0	92.0
PENN G-6	96.8	86.7	83.3	92.2	94.6	78.3	95.8	70.0	91.0
PENN G-1	97.1	53.3	76.7	90.6	98.4	86.7	95.7	80.0	90.6
PENNLINKS	97.4	31.7	91.7	90.6	96.6	79.3	94.3	86.7	89.9
PENN A-2	93.7	76.7	90.0	92.2	93.2	78.0	95.4	68.3	89.9
PENNCROSS	97.7	41.7	81.7	88.9	96.1	93.0	95.4	71.7	89.5
BAR CB 8US3	96.7	60.0	83.3	87.2	97.8	80.7	94.7	71.7	89.5
BRIGHTON (SRX 1120)	95.1	66.7	68.3	87.8	94.8	90.0	94.2	83.3	89.2
PICK CB 13-94	98.9	55.0	76.7	87.8	92.0	86.7	93.7	80.0	88.9
PST-A2E	95.9	85.0	71.7	91.1	96.3	51.7	94.3	73.3	88.5
SYN 96-1	94.2	51.7	90.0	90.6	89.8	80.7	95.2	78.3	88.3
CRENSHAW	95.7	55.0	86.7	81.1	96.3	75.0	93.7	84.7	88.0
BENGAL (BAR AS 8FUS2)	98.2	41.7	76.7	89.4	95.1	78.3	94.7	71.7	88.0
ISI AP-5	98.7	85.0	76.7	87.2	89.7	63.3	95.3	70.0	87.9
SR 1119	95.9	63.3	78.3	90.0	93.0	71.7	94.4	65.0	87.6
PROVIDENCE	95.2	58.3	90.0	86.1	86.7	82.7	94.3	76.7	87.6
BACKSPIN	94.1	55.0	81.7	82.8	94.8	86.0	94.3	71.7	87.6
PENN A-4	98.4	88.3	83.3	91.1	87.7	35.0	95.6	75.0	87.3
PENN A-1	93.7	96.0	90.0	91.1	88.0	26.7	95.9	78.3	86.9
CENTURY	89.1	80.0	91.3	86.7	92.1	56.7	92.1	80.0	86.8
SRX 1BPAA	92.7	65.0	63.3	88.9	88.6	89.3	93.3	76.7	86.7
SYN 96-3	78.4	70.0	81.7	93.2	93.7	61.7	96.4	83.3	86.6
SRX 1NJH	98.1	75.0	80.0	86.7	75.9	78.3	95.3	73.3	85.6
IMPERIAL	95.7	56.7	86.7	86.1	79.8	75.0	94.0	71.7	84.8
ABT-CRB-1	75.2	75.0	86.7	90.6	71.4	73.3	95.3	83.3	81.9
SYN 96-2	75.7	57.3	86.7	88.9	72.6	55.0	93.6	70.0	78.7
VESPER (PICK MVB)	86.9	34.0	75.0	87.2	88.0	78.3	58.3	58.3	76.7
SR 7200	84.6	14.7	85.0	86.7	92.6	68.3	52.2	56.7	74.8
BAVARIA	87.3	8.0	80.0	81.7	89.0	68.3	15.3	63.3	67.0
LSD VALUE	14.9	24.6	15.6	6.8	17.5	26.6	12.1	18.6	8.4
C.V. (%)	10.1	25.0	11.8	4.8	12.4	22.8	8.4	15.6	12.0

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

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

TABLE 16. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/						
NAME	AZ1	KY2	MI1	MO1	OK1	MEAN
PENN A-4	98.7	76.7	91.1	70.0	97.8	89.3
PENNLINKS	97.4	85.0	90.0	69.8	97.8	88.9
L-93	98.6	78.3	91.7	69.7	97.8	88.8
PENN G-1	98.1	65.0	91.1	71.5	98.2	88.3
CENTURY	93.6	90.0	87.8	69.5	94.3	87.5
PENN G-6	97.7	85.0	91.7	62.3	97.9	87.3
BACKSPIN	96.2	70.0	85.0	73.3	96.8	87.2
PENNCROSS	97.0	81.7	87.2	68.2	97.6	87.2
PENN A-2	96.4	90.0	92.1	58.3	98.0	87.1
BENGAL (BAR AS 8FUS2)	98.4	74.0	89.4	60.8	97.8	86.1
PST-A2E	97.3	85.0	91.1	57.5	97.8	85.9
ISI AP-5	98.0	88.3	90.4	54.2	97.9	85.9
SYN 96-1	96.3	74.0	90.6	57.5	97.3	85.8
BAR CB 8US3	97.1	78.3	88.9	61.3	97.1	85.7
PENN A-1	94.8	86.7	90.6	55.7	98.2	85.5
IMPERIAL	97.0	88.0	87.8	52.5	96.9	85.4
BRIGHTON (SRX 1120)	96.3	75.0	88.9	58.3	97.8	85.1
SR 1119	95.8	70.0	90.0	57.5	97.8	84.8
PROVIDENCE	95.4	51.7	87.8	66.3	97.2	84.7
SRX 1BPAA	95.1	85.0	89.4	52.5	97.5	84.6
SYN 96-3	85.1	83.3	92.2	62.3	97.3	84.3
PICK CB 13-94	98.3	76.7	89.4	52.5	97.4	84.2
CRENSHAW	95.6	75.0	86.1	59.2	94.8	83.4
SRX 1NJH	98.1	87.7	87.8	41.5	98.0	83.0
ABT-CRB-1	82.2	55.0	90.6	52.5	98.2	80.6
SYN 96-2	83.8	86.7	91.1	40.8	94.3	80.1
SR 7200	90.1	15.7	90.0	63.8	63.7	69.8
VESPER (PICK MVB)	88.9	22.7	87.2	60.8	59.7	67.7
BAVARIA	92.2	17.0	85.0	60.8	15.5	54.0
LSD VALUE	9.3	17.4	6.7	22.4	15.4	8.4
C.V. (%)	6.2	15.0	4.7	27.2	10.4	11.2

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

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

TABLE 17. FROST TOLERANCE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	MT1
ABT-CRB-1	6.3
BACKSPIN	6.3
BRIGHTON (SRX 1120)	6.3
CRENSHAW	6.3
IMPERIAL	6.3
ISI AP-5	6.3
L-93	6.3
PENN A-1	6.3
PENN A-2	6.3
PENN G-1	6.3
PENNCROSS	6.3
PENNLINKS	6.3
SRX 1BPAA	6.3
SRX 1NJH	6.3
SYN 96-1	6.3
SYN 96-2	6.3
BAR CB 8US3	6.0
BAVARIA	6.0
BENGAL (BAR AS 8FUS2)	6.0
CENTURY	6.0
PENN A-4	6.0
PENN G-6	6.0
PICK CB 13-94	6.0
PROVIDENCE	6.0
PST-A2E	6.0
SR 1119	6.0
SYN 96-3	6.0
SR 7200	5.0
VESPER (PICK MVB)	5.0
LSD VALUE	0.8
C.V. (%)	7.6

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/ FROST TOLERANCE RATED IN 1999 ONLY.

TABLE 18. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AL1	AZ1	KY1	KY2	MO1	OK1	TX1	VA1	MEAN
SRX 1BPAA	7.5	6.8	7.3	7.3	3.3	4.4	6.7	5.3	6.0
PENN A-2	6.7	7.3	7.0	7.0	3.0	4.6	6.5	4.6	5.9
PENN A-4	6.3	6.8	6.7	6.7	3.3	4.5	6.8	5.1	5.8
SR 7200	5.8	5.6	8.7	8.7	2.3	4.0	6.3	7.4	5.8
VESPER (PICK MVB)	5.8	5.8	9.0	9.0	2.0	3.8	6.2	7.4	5.8
BAR CB 8US3	6.7	6.7	6.3	6.3	3.7	4.3	6.8	4.9	5.8
L-93	7.0	5.8	6.7	6.7	4.0	4.3	6.7	5.6	5.7
ISI AP-5	7.0	6.6	6.0	6.0	3.0	4.3	6.7	4.9	5.7
PST-A2E	7.0	6.8	7.3	7.3	2.7	4.3	6.7	4.2	5.7
PENN G-1	7.0	6.4	6.3	6.3	4.0	4.2	6.8	4.4	5.6
SRX 1NJH	7.0	6.5	6.3	6.3	2.3	4.1	7.0	4.6	5.6
BENGAL (BAR AS 8FUS2)	7.0	5.8	6.3	6.3	3.7	4.3	6.7	4.7	5.6
CRENSHAW	7.0	6.6	6.7	6.7	2.3	3.9	6.5	4.9	5.6
PICK CB 13-94	6.7	6.6	7.0	7.0	3.3	3.8	6.8	4.7	5.5
PENN A-1	7.0	5.9	6.7	6.7	3.0	4.3	6.3	4.9	5.5
SR 1119	7.0	6.3	7.0	7.0	3.7	4.0	6.3	4.6	5.5
PROVIDENCE	6.7	6.1	7.0	7.0	2.3	4.1	7.0	4.7	5.5
ABT-CRB-1	6.2	6.5	7.3	7.3	2.0	4.3	6.3	4.0	5.4
BRIGHTON (SRX 1120)	6.8	5.7	6.7	6.7	3.3	4.3	6.5	4.8	5.4
BAVARIA	5.2	5.3	7.7	7.7	2.0	3.8	5.8	6.3	5.4
PENNLINKS	6.3	5.5	6.3	6.3	3.3	4.3	6.8	4.9	5.4
SYN 96-2	6.7	6.7	6.7	6.7	2.0	3.9	6.2	3.8	5.4
PENN G-6	6.8	6.1	6.3	6.3	3.0	4.0	6.2	4.6	5.3
CENTURY	6.7	5.5	6.7	6.7	4.0	4.0	6.8	4.1	5.3
SYN 96-1	6.2	6.0	7.3	7.3	3.7	3.9	6.3	3.9	5.3
IMPERIAL	6.0	5.8	6.7	6.7	3.0	4.3	6.8	3.9	5.3
PENNCROSS	6.2	5.4	6.0	6.0	2.3	4.3	6.5	5.0	5.3
SYN 96-3	6.7	5.7	7.0	7.0	2.7	4.2	6.2	3.7	5.2
BACKSPIN	6.2	5.7	6.0	6.0	4.0	4.3	6.5	3.8	5.1
LSD VALUE	1.0	1.0	0.9	0.9	1.2	0.6	0.9	1.1	0.5
C.V. (%)	9.9	10.0	8.0	8.0	24.1	9.7	8.4	14.1	10.6

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

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

TABLE 19. PERCENT WINTER KILL RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/ 3/

NAME	NY1
BACKSPIN	26.7
PENNLINKS	23.3
BAR CB 8US3	23.3
BAVARIA	23.3
L-93	20.0
PROVIDENCE	23.3
CRENSHAW	20.0
CENTURY	20.0
PST-A2E	20.0
PENN A-4	20.0
PENN A-1	20.0
PENN G-6	16.7
PENNCROSS	16.7
BENGAL (BAR AS 8FUS2)	16.7
ISI AP-5	16.7
PENN G-1	16.7
SR 7200	16.7
SYN 96-3	16.7
PENN A-2	16.7
SYN 96-1	16.7
SRX 1NJH	13.3
ABT-CRB-1	16.7
IMPERIAL	13.3
VESPER (PICK MVB)	13.3
BRIGHTON (SRX 1120)	13.3
PICK CB 13-94	13.3
SYN 96-2	13.3
SR 1119	10.0
SRX 1BPAA	10.0
LSD VALUE	11.9
C.V. (%)	42.5

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 WINTER KILL RATED IN 2000 ONLY.

TABLE 20. WINTER KILL RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

WINTER KILL RATINGS 1-9; 9=LEAST KILL 2/ 3/

NAME	KS1
L-93	7.0
SRX 1NJH	7.0
CRENSHAW	6.7
PENN G-6	6.3
PENNLINKS	6.3
CENTURY	6.0
PENNCROSS	6.0
SR 1119	6.0
SRX 1BPAA	6.0
BAR CB 8US3	5.7
BENGAL (BAR AS 8FUS2)	5.7
ISI AP-5	5.7
IMPERIAL	5.3
PENN G-1	5.3
PST-A2E	5.3
VESPER (PICK MVB)	5.3
BRIGHTON (SRX 1120)	5.0
SR 7200	5.0
SYN 96-3	5.0
BACKSPIN	4.7
PENN A-2	4.7
BAVARIA	4.3
PICK CB 13-94	4.3
SYN 96-1	4.0
SYN 96-2	4.0
PROVIDENCE	3.7
PENN A-4	3.3
PENN A-1	3.0
ABT-CRB-1	2.0
LSL VALUE	2.4
C.V. (%)	28.8

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/ WINTER KILL RATED IN 2002 ONLY.

TABLE 21. DROUGHT TOLERANCE (WILTING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1
BENGAL (BAR AS 8FUS2)	8.0
BACKSPIN	7.7
PENN A-4	7.3
ISI AP-5	7.2
BAR CB 8US3	7.0
PENN G-1	7.0
PENN G-6	7.0
ABT-CRB-1	6.8
PROVIDENCE	6.8
SR 1119	6.8
SYN 96-1	6.8
BRIGHTON (SRX 1120)	6.8
PST-A2E	6.8
PENN A-2	6.7
IMPERIAL	6.7
PENN A-1	6.7
L-93	6.5
CENTURY	6.3
PENNCROSS	6.3
PENNLINKS	6.3
SRX 1NJH	6.3
SRX 1BPAA	6.2
PICK CB 13-94	6.2
SYN 96-3	6.2
BAVARIA	5.8
CRENSHAW	5.7
SYN 96-2	5.7
SR 7200	5.5
VESPER (PICK MVB)	5.3
LSD VALUE	1.4
C.V. (%)	16.7

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

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

3/ DROUGHT TOLERANCE (WILTING) RATED IN 2000 AND 2002.

TABLE 22. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	ME1	VA1	MEAN
BAVARIA	2.7	7.7	9.0	6.8
VESPER (PICK MVB)	1.0	8.7	8.7	6.8
SR 7200	1.7	8.0	8.3	6.5
PENNLINKS	4.7	7.0	6.0	6.2
ISI AP-5	3.0	7.3	6.7	6.1
BRIGHTON (SRX 1120)	3.0	7.0	6.3	5.8
PENNCROSS	3.3	7.0	5.7	5.8
SR 1119	2.3	7.3	6.0	5.8
BACKSPIN	1.7	7.0	5.7	5.3
PENN A-1	1.7	7.3	5.0	5.3
SRX 1BPAA	3.7	5.7	5.7	5.2
PENN G-1	2.3	7.0	4.0	5.1
PROVIDENCE	1.7	6.7	5.3	5.1
ABT-CRB-1	1.0	7.0	5.0	5.0
CENTURY	1.0	7.0	5.0	5.0
PENN A-4	1.0	7.0	5.0	5.0
PST-A2E	1.7	6.0	6.0	4.9
IMPERIAL	1.0	6.7	5.0	4.8
BENGAL (BAR AS 8FUS2)	3.7	5.3	5.0	4.8
L-93	1.7	6.3	5.0	4.8
BAR CB 8US3	2.3	5.7	4.3	4.5
CRENSHAW	1.0	6.3	4.3	4.5
SYN 96-2	2.7	5.7	3.3	4.3
PICK CB 13-94	1.7	5.3	5.0	4.3
SYN 96-1	1.0	6.0	3.7	4.2
PENN G-6	1.0	5.3	4.0	3.9
SRX 1NJH	1.0	5.3	4.0	3.9
PENN A-2	1.0	5.3	3.7	3.8
SYN 96-3	1.0	4.7	3.7	3.5
LSD VALUE	2.5	2.7	3.3	2.4
C.V. (%)	79.6	26.0	38.0	37.8

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/ DROUGHT TOLERANCE (DORMANCY) RATED AT "AZ1" & "VA1" IN 2000, AND AT "ME1" IN 2002.

TABLE 23. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	VA1	MEAN
ISI AP-5	9.0	7.3	8.2
BENGAL (BAR AS 8FUS2)	9.0	7.0	8.0
PENN G-1	8.7	6.7	7.7
PENNLINKS	9.0	6.3	7.7
PENN A-1	8.0	7.0	7.5
PENNCROSS	8.7	6.3	7.5
BAVARIA	7.0	7.7	7.3
BRIGHTON (SRX 1120)	8.0	6.7	7.3
IMPERIAL	7.7	7.0	7.3
PST-A2E	8.0	6.7	7.3
SRX 1BPAA	7.7	7.0	7.3
PENN G-6	7.3	7.3	7.3
BACKSPIN	7.7	6.7	7.2
PICK CB 13-94	8.3	6.0	7.2
SR 1119	7.7	6.7	7.2
PROVIDENCE	8.0	6.0	7.0
VESPER (PICK MVB)	5.0	9.0	7.0
CENTURY	7.0	6.7	6.8
PENN A-2	7.0	6.7	6.8
PENN A-4	8.3	5.3	6.8
SR 7200	6.0	7.7	6.8
L-93	7.7	5.7	6.7
BAR CB 8US3	8.0	5.3	6.7
SRX 1NJH	6.7	6.0	6.3
CRENSHAW	6.0	6.3	6.2
SYN 96-1	6.3	6.0	6.2
ABT-CRB-1	5.3	5.7	5.5
SYN 96-3	4.7	6.3	5.5
SYN 96-2	4.7	5.3	5.0
LSD VALUE	1.8	1.9	1.3
C.V. (%)	15.0	17.6	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/ DROUGHT TOLERANCE (RECOVERY) RATED IN 2000 ONLY.

TABLE 24. THATCH MEASUREMENTS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/ 3/			
NAME	AL1	AZ1	MEAN
PENN A-4	16.3	11.5	13.9
VESPER (PICK MVB)	18.3	9.3	13.8
PENN A-1	17.2	10.0	13.6
PENN A-2	15.8	10.7	13.3
SR 7200	17.0	9.3	13.2
PICK CB 13-94	15.3	10.7	13.0
PST-A2E	16.0	10.0	13.0
CENTURY	14.8	10.8	12.8
PENN G-6	15.5	10.2	12.8
SRX 1NJH	15.7	10.0	12.8
PENN G-1	15.0	10.5	12.8
SYN 96-1	14.8	10.7	12.8
SYN 96-3	14.8	10.7	12.8
SYN 96-2	13.7	11.3	12.5
BENGAL (BAR AS 8FUS2)	14.8	9.7	12.3
BRIGHTON (SRX 1120)	13.8	10.5	12.2
BACKSPIN	13.8	10.5	12.2
SRX 1BPAA	14.8	9.3	12.1
CRENSHAW	14.0	10.0	12.0
L-93	14.8	9.2	12.0
PENNLINKS	15.2	8.8	12.0
ABT-CRB-1	14.2	9.7	11.9
BAVARIA	13.3	10.5	11.9
PROVIDENCE	14.7	9.2	11.9
IMPERIAL	14.8	9.0	11.9
ISI AP-5	14.0	9.7	11.8
BAR CB 8US3	14.3	9.3	11.8
SR 1119	14.8	8.8	11.8
PENNCROSS	14.3	8.8	11.6
LSD VALUE	2.7	2.8	1.9
C.V. (%)	11.3	17.0	13.7

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

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

3/ THATCH MEASURED IN 1999 AND 2000.

TABLE 25. GRAY SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	MI1
PENN A-1	6.3
ABT-CRB-1	6.0
BAVARIA	6.0
IMPERIAL	6.0
PENN A-2	6.0
PENN A-4	6.0
SRX 1BPAA	6.0
SYN 96-1	6.0
BENGAL (BAR AS 8FUS2)	5.7
SYN 96-2	5.7
PENNCROSS	5.3
PENNLINKS	5.3
SRX 1NJH	5.3
BAR CB 8US3	5.0
L-93	5.0
PENN G-1	5.0
SYN 96-3	5.0
CRENSHAW	4.7
PENN G-6	4.7
PICK CB 13-94	4.7
PROVIDENCE	4.7
BRIGHTON (SRX 1120)	4.3
SR 1119	4.3
BACKSPIN	4.0
CENTURY	4.0
ISI AP-5	4.0
PST-A2E	4.0
SR 7200	3.7
VESPER (PICK MVB)	3.7
LSD VALUE	2.9
C.V. (%)	35.8

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/ GRAY SNOW MOLD RATED IN 2001 ONLY.

TABLE 26. MICRODOCHIUM PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	M01
IMPERIAL	8.7
L-93	8.7
SRX 1NJH	8.3
BAVARIA	8.0
PENN A-1	8.0
PST-A2E	8.0
SRX 1BPAA	8.0
ABT-CRB-1	7.7
ISI AP-5	7.7
PENN A-4	7.7
PICK CB 13-94	7.7
SR 1119	7.7
SYN 96-1	7.7
BACKSPIN	7.3
BENGAL (BAR AS 8FUS2)	7.3
BRIGHTON (SRX 1120)	7.3
CENTURY	7.3
CRENSHAW	7.3
PENN G-1	7.3
SR 7200	7.3
BAR CB 8US3	7.0
SYN 96-2	7.0
PENNLINKS	6.7
PENN A-2	6.3
PENN G-6	6.0
PROVIDENCE	6.0
PENNCROSS	4.7
SYN 96-3	4.7
VESPER (PICK MVB)	4.7
LSD VALUE	2.0
C.V. (%)	17.6

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

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

3/ MICRODOCHIUM PATCH RATED IN 1999 ONLY.

TABLE 27. LEAF SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	PA1
BAVARIA	9.0
ISI AP-5	8.0
SRX 1BPAA	8.0
SR 1119	7.7
PENNCROSS	7.3
BACKSPIN	7.0
SRX 1NJH	7.0
SYN 96-3	6.7
PENNLINKS	6.3
BRIGHTON (SRX 1120)	6.0
L-93	6.0
PICK CB 13-94	6.0
SYN 96-2	6.0
BENGAL (BAR AS 8FUS2)	5.7
PENN A-4	5.7
PENN G-6	5.7
SYN 96-1	5.3
PENN A-1	5.0
PENN A-2	5.0
PST-A2E	4.7
IMPERIAL	4.3
PENN G-1	4.0
PROVIDENCE	4.0
SR 7200	4.0
BAR CB 8US3	3.7
CENTURY	3.7
CRENSHAW	3.7
VESPER (PICK MVB)	3.7
ABT-CRB-1	2.3
LSD VALUE	1.8
C.V. (%)	20.0

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

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

3/ LEAF SPOT RATED IN 2000 ONLY.

TABLE 28.

DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

	DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/												
NAME	IL1	KS1	ME1	MO1	NJ1	OK1	PA1	RI1	RI2	TX1	VA1	WI1	MEAN
SR 7200	8.0	5.5	8.3	7.7	8.2	8.6	.	9.0	7.7	7.3	8.7	9.0	8.0
PENNCROSS	3.7	6.8	6.7	7.8	8.0	8.7	7.7	9.0	6.8	7.3	8.3	8.7	7.9
L-93	6.7	7.5	7.2	7.8	7.7	8.9	8.0	8.0	6.0	8.0	8.0	9.0	7.9
PST-A2E	4.0	6.2	7.8	8.0	7.8	8.8	7.7	8.5	5.7	7.3	7.3	9.0	7.7
PENNLINKS	3.0	7.0	6.3	7.8	7.8	8.4	7.7	9.0	6.0	6.3	8.3	8.7	7.7
PENN A-1	5.3	6.5	7.5	7.2	7.3	8.4	8.0	8.8	6.5	7.7	7.7	8.0	7.6
PENN A-2	4.3	6.8	7.0	6.8	7.8	8.6	8.0	8.8	5.8	8.0	8.7	9.0	7.6
BAVARIA	7.3	6.3	7.2	6.7	7.2	8.6	.	8.8	8.3	6.3	8.3	9.0	7.4
VESPER (PICK MVB)	7.3	5.7	8.3	6.5	7.0	8.3	8.7	9.0	6.0	6.7	8.3	8.7	7.4
ISI AP-5	4.0	5.8	7.0	7.5	7.3	8.0	7.7	7.3	5.5	7.0	8.0	9.0	7.4
PENN G-6	4.0	6.0	7.7	7.3	6.4	8.4	7.3	7.8	4.8	7.3	8.0	8.7	7.2
SRX 1BPAA	3.7	6.5	8.0	7.4	6.2	8.6	7.3	8.7	3.3	7.3	8.0	9.0	7.2
PENN G-1	4.7	6.8	7.0	7.7	6.1	8.4	7.7	8.8	4.7	6.3	8.0	7.3	7.1
SRX 1NJH	4.0	6.0	7.7	7.3	7.1	8.1	7.0	7.8	2.7	7.0	8.3	9.0	7.1
BENGAL (BAR AS 8FUS2)	4.0	6.2	8.0	7.8	5.9	7.9	7.3	6.8	3.8	7.7	6.7	9.0	7.1
PENN A-4	5.0	5.5	7.2	7.4	6.7	7.9	7.0	7.7	5.0	5.7	7.3	8.7	7.1
PICK CB 13-94	3.7	5.5	6.2	7.0	6.3	8.1	7.0	8.3	6.2	7.3	7.0	8.7	7.0
ABT-CRB-1	3.0	5.7	7.0	7.3	5.8	7.7	6.7	7.5	4.0	8.0	6.3	7.3	6.8
SR 1119	3.7	5.3	6.8	7.5	5.7	8.4	5.7	8.0	3.0	6.3	7.0	7.7	6.7
IMPERIAL	3.3	4.3	7.3	7.2	5.0	6.7	6.7	7.3	5.8	6.0	8.0	8.3	6.5
BRIGHTON (SRX 1120)	4.7	5.7	7.2	6.9	6.1	8.0	6.3	8.3	2.7	5.7	6.7	8.0	6.5
SYN 96-3	3.0	3.5	7.2	7.8	4.6	6.9	6.0	6.8	4.2	5.7	7.7	8.0	6.3
SYN 96-1	3.3	4.0	7.0	6.9	4.2	6.9	6.0	7.8	5.3	6.7	7.0	8.3	6.2
PROVIDENCE	4.7	4.5	6.7	7.3	4.8	7.4	6.7	6.7	2.5	5.0	6.0	8.0	6.2
BACKSPIN	3.3	4.5	7.0	5.8	4.3	7.7	6.0	6.7	4.0	6.3	6.3	7.0	5.9
BAR CB 8US3	3.7	3.5	6.0	6.7	4.6	6.8	7.0	5.5	3.3	5.3	6.0	8.0	5.7
SYN 96-2	3.3	3.2	7.7	6.9	3.7	4.4	5.7	8.0	5.7	4.3	6.7	5.7	5.6
CENTURY	3.3	4.0	7.2	6.9	3.9	5.0	5.3	6.2	2.5	5.0	7.7	6.0	5.4
CRENSHAW	2.3	3.5	7.3	6.7	4.2	5.0	4.0	5.5	2.3	3.7	7.3	6.7	5.2
LSD VALUE	1.1	1.2	1.9	2.1	2.1	1.1	1.1	1.2	1.4	1.6	2.3	2.1	0.8
C.V. (%)	16.4	15.0	16.9	18.5	22.8	8.6	9.8	9.5	17.7	15.4	18.7	16.3	16.3

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

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

3/ DOLLAR SPOT RATED AT "IL1", "VA1" & "WI1" IN 2000, AT "PA1" & "TX1" IN 2002, AT "KS1", "RI1" & "RI2" IN 1999-2000, AT "ME1" IN 2000-2001, AT "MO1" IN 1999-2002, AT "NJ1" IN 2000-2002, AND AT "OK1" IN 1999, 2000 & 2002.

4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA AT "NJ1" IN 2000-02, AT "PA1" & "TX1" IN 2002, AND AT "KS1", "OK1", "VA1" & "WI1" IN 2000.

TABLE 29. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/							
	KS1	MI1	NJ1	PA1	VA1	WI1	WI2	MEAN
VESPER (PICK MVB)	8.0	5.2	8.5	8.7	6.0	9.0	9.0	7.8
SR 7200	8.7	3.7	8.2	8.7	8.0	9.0	9.0	7.8
SYN 96-3	8.3	8.2	6.3	8.1	6.3	7.0	5.3	7.3
BAVARIA	7.3	5.8	6.5	9.0	7.3	7.7	7.7	7.2
SYN 96-2	8.0	7.7	6.5	8.0	6.7	5.7	5.7	7.2
SRX 1NJH	7.0	7.2	5.8	8.3	6.0	7.0	6.7	7.1
PICK CB 13-94	7.7	7.0	6.0	8.1	5.3	6.3	6.7	7.0
SYN 96-1	7.7	7.3	5.3	8.1	5.0	7.3	6.0	6.9
PENN G-6	7.3	7.3	5.5	7.2	5.7	7.3	8.0	6.9
ABT-CRB-1	6.7	7.5	5.5	8.1	5.3	6.3	6.0	6.8
SRX 1BPAA	7.0	6.0	5.0	7.9	4.7	7.3	7.7	6.7
SR 1119	6.7	6.5	4.8	7.7	4.3	8.3	8.0	6.7
BRIGHTON (SRX 1120)	8.0	7.7	4.0	7.1	4.7	8.0	6.0	6.5
L-93	8.0	5.8	5.0	7.0	5.3	7.7	7.7	6.4
PENNLINKS	7.7	7.2	4.3	7.6	3.7	5.7	7.3	6.4
PENN G-1	7.7	5.0	4.7	7.1	5.0	8.0	8.0	6.3
CRENSHAW	7.7	5.5	4.7	7.4	6.3	6.0	6.3	6.3
PENNCROSS	8.3	6.2	4.5	7.6	5.0	5.3	5.7	6.3
CENTURY	7.3	6.3	4.8	7.6	4.3	7.0	4.3	6.2
PENN A-2	7.3	5.7	3.8	7.8	5.7	6.3	6.7	6.2
BENGAL (BAR AS 8FUS2)	7.0	5.8	4.5	6.9	6.0	8.0	5.3	6.1
PST-A2E	8.0	4.0	4.8	7.7	4.7	5.7	6.3	6.0
BACKSPIN	8.0	4.7	4.7	7.3	5.3	5.0	5.7	5.9
BAR CB 8US3	7.0	4.7	4.7	7.2	6.3	5.0	5.3	5.8
IMPERIAL	5.7	5.3	4.5	7.4	3.7	5.3	4.7	5.7
PENN A-1	8.0	4.7	3.5	7.6	5.0	6.0	5.3	5.7
PROVIDENCE	8.0	4.7	3.2	6.6	5.0	7.0	7.0	5.6
ISI AP-5	8.0	4.3	4.8	7.0	4.3	4.7	4.7	5.6
PENN A-4	8.0	4.7	4.8	6.6	4.3	4.7	5.0	5.6
LSD VALUE	1.6	2.4	1.8	1.3	1.9	3.3	3.0	1.2
C.V. (%)	13.4	26.9	21.4	10.8	22.1	30.5	28.8	19.6

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/ BROWN PATCH RATED AT "KS1" IN 1999, AT "MI1" IN 2001-02, AT "NJ1" IN 1999-2000, AT "PA1" IN 1999-2000 & 2002, AT "VA1" IN 2002, AND AT "WI1" & "WI2" IN 2001.

4/ BROWN PATCH CAUSED BY RHIZOCTONIA SOLANI AT "PA1" IN 2002, AND "MI1" IN 2001.

TABLE 30. BROWN PATCH (COOL TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/ 3/				
NAME	OK1	PA1	WA4	MEAN
BAVARIA	9.0	9.0	9.0	9.0
ISI AP-5	9.0	9.0	9.0	9.0
PENN A-1	9.0	9.0	9.0	9.0
SR 7200	9.0	9.0	9.0	9.0
SYN 96-1	9.0	9.0	9.0	9.0
VESPER (PICK MVB)	9.0	9.0	8.7	8.9
BENGAL (BAR AS 8FUS2)	9.0	8.3	9.0	8.8
PICK CB 13-94	9.0	8.3	9.0	8.8
SR 1119	9.0	9.0	8.3	8.8
SRX 1NJH	9.0	9.0	8.3	8.8
BRIGHTON (SRX 1120)	8.7	9.0	9.0	8.8
PENNCROSS	9.0	8.3	8.7	8.8
PENNLINKS	9.0	8.3	8.7	8.8
BACKSPIN	8.3	9.0	9.0	8.7
PENN G-6	9.0	8.3	8.3	8.7
PST-A2E	9.0	9.0	7.7	8.7
L-93	9.0	8.7	8.0	8.7
SRX 1BPAA	8.7	8.7	8.7	8.7
CRENSHAW	9.0	8.0	8.3	8.6
PENN A-2	9.0	8.0	8.3	8.6
ABT-CRB-1	9.0	8.7	7.7	8.6
PROVIDENCE	9.0	8.7	7.7	8.6
SYN 96-2	9.0	7.7	8.7	8.6
CENTURY	8.7	9.0	7.7	8.5
PENN G-1	8.3	9.0	8.3	8.5
SYN 96-3	9.0	6.7	9.0	8.4
BAR CB 8US3	9.0	8.3	7.0	8.3
IMPERIAL	7.7	9.0	8.7	8.3
PENN A-4	8.0	9.0	8.0	8.3
LSD VALUE	0.9	1.0	1.4	0.9
C.V. (%)	6.3	7.1	10.1	7.5

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

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

3/ BROWN PATCH RATED AT "OK1" IN 2001, AND AT "PA1" & "WA4" IN 1999.

TABLE 31. PYTHIUM BLIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PYTHIUM BLIGHT RATINGS 1-9; 9=NO DISEASE 2/ 3/				
NAME	ME1	M01	NC1	MEAN
BAR CB 8US3	9.0	6.2	9.0	7.9
PENNCROSS	8.7	6.5	9.0	7.8
PENNLINKS	9.0	6.5	8.3	7.7
CRENSHAW	9.0	5.5	9.0	7.4
SR 1119	9.0	5.8	8.7	7.4
PENN A-1	9.0	5.7	8.7	7.3
PICK CB 13-94	8.0	5.7	8.7	7.2
SYN 96-1	8.3	5.7	9.0	7.2
BRIGHTON (SRX 1120)	9.0	5.2	8.7	7.1
PENN A-4	9.0	5.0	9.0	6.9
SYN 96-2	8.0	5.2	9.0	6.9
PENN G-1	9.0	4.7	9.0	6.8
ABT-CRB-1	8.0	4.7	9.0	6.7
CENTURY	8.3	4.5	9.0	6.7
PENN A-2	6.3	5.2	9.0	6.7
SRX 1BPAA	7.7	5.0	8.7	6.7
PROVIDENCE	8.0	4.5	9.0	6.6
BENGAL (BAR AS 8FUS2)	7.7	4.3	9.0	6.5
IMPERIAL	8.7	4.5	9.0	6.5
PENN G-6	7.0	4.7	9.0	6.5
SRX 1NJH	6.7	4.7	9.0	6.5
BACKSPIN	8.7	4.0	8.7	6.4
ISI AP-5	9.0	4.2	9.0	6.3
L-93	8.3	3.3	9.0	6.2
SYN 96-3	6.0	4.2	9.0	6.0
BAVARIA	9.0	5.0	5.7	5.9
VESPER (PICK MVB)	9.0	3.7	7.7	5.9
SR 7200	9.0	3.7	7.0	5.8
PST-A2E	6.7	2.7	9.0	5.2
LSD VALUE	2.9	2.4	1.4	2.1
C.V. (%)	21.6	30.4	9.8	23.8

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

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

3/ PYTHIUM BLIGHT RATED AT "ME1" IN 2002, AT "M01" IN 2001-02, AND AT "NC1" IN 1999.

TABLE 32. PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

PINK SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/				
NAME	ME1	NJ1	UT1	MEAN
PICK CB 13-94	8.2	6.3	4.7	7.0
PENNCROSS	8.0	6.3	3.3	6.7
BAR CB 8US3	7.5	6.3	4.3	6.7
SR 1119	7.7	7.0	3.7	6.7
SYN 96-2	7.8	5.0	4.7	6.5
BACKSPIN	7.8	5.3	4.0	6.4
CRENSHAW	7.7	5.7	4.0	6.4
BENGAL (BAR AS 8FUS2)	7.3	6.0	4.0	6.3
SYN 96-1	6.8	5.7	4.7	6.3
SR 7200	8.5	3.7	4.7	6.2
SRX 1BPAA	7.2	6.3	4.3	6.2
PROVIDENCE	7.5	5.7	3.3	6.1
BRIGHTON (SRX 1120)	6.8	6.0	3.7	6.1
PENN A-2	6.8	6.3	4.7	6.1
L-93	7.3	5.7	4.0	6.0
PENNLINKS	6.5	7.0	3.0	6.0
PENN A-4	6.5	6.3	4.3	5.9
ISI AP-5	6.7	6.0	4.0	5.9
CENTURY	7.5	4.3	4.0	5.8
PENN G-1	6.8	5.7	3.0	5.8
IMPERIAL	7.2	5.0	3.3	5.7
SRX 1NJH	6.2	6.0	4.0	5.6
SYN 96-3	6.3	5.3	3.0	5.4
ABT-CRB-1	6.7	4.0	4.0	5.3
PENN G-6	5.0	6.7	5.0	5.3
BAVARIA	7.3	3.0	4.0	5.2
PENN A-1	5.5	6.0	3.0	5.2
VESPER (PICK MVB)	7.5	3.0	4.0	5.2
PST-A2E	5.5	3.7	4.0	4.3
LSD VALUE	2.4	1.8	1.6	2.0
C.V. (%)	21.1	20.5	25.9	22.1

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

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

3/ PINK SNOW MOLD RATED AT "ME1" IN 2001-02, AT "NJ1" IN 1999, AND AT "UT1" IN 2001.

4/ PINK SNOW MOLD CAUSED BY MICRODOCHMIUM NIVALE AT "ME1" IN 2002.

TABLE 33. CUTWORM RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	ME1
PENN A-1	9.0
SR 7200	9.0
BAVARIA	8.7
VESPER (PICK MVB)	8.7
PENNLINKS	8.3
PENN G-6	8.0
PENNCROSS	8.0
SRX 1BPAA	8.0
SYN 96-3	8.0
ABT-CRB-1	7.7
PENN G-1	7.7
SRX 1NJH	7.7
BENGAL (BAR AS 8FUS2)	7.3
PENN A-4	7.3
ISI AP-5	7.0
L-93	7.0
PROVIDENCE	7.0
SR 1119	7.0
BACKSPIN	6.7
CENTURY	6.7
SYN 96-2	6.7
PENN A-2	6.3
IMPERIAL	6.0
BRIGHTON (SRX 1120)	5.7
SYN 96-1	5.7
CRENSHAW	5.3
BAR CB 8US3	5.0
PICK CB 13-94	5.0
PST-A2E	5.0
LSD VALUE	2.8
C.V. (%)	24.6

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/ CUTWORM RATED IN 2002 ONLY.

TABLE 34. FALL COLOR (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1
L-93	6.9
PENN A-2	6.8
ISI AP-5	6.8
PENN A-4	6.8
CRENSHAW	6.7
PICK CB 13-94	6.7
SRX 1BPAA	6.6
BAR CB 8US3	6.6
PENN G-1	6.3
PROVIDENCE	6.3
PST-A2E	6.3
SR 1119	6.3
SRX 1NJH	6.1
SYN 96-2	6.1
IMPERIAL	6.0
PENN A-1	6.0
BAVARIA	5.9
ABT-CRB-1	5.8
BENGAL (BAR AS 8FUS2)	5.8
PENN G-6	5.8
PENNCROSS	5.8
SYN 96-1	5.4
SR 7200	5.3
BACKSPIN	5.2
BRIGHTON (SRX 1120)	5.2
PENNLINKS	5.2
VESPER (PICK MVB)	4.9
CENTURY	4.8
SYN 96-3	4.7
LSD VALUE	1.4
C.V. (%)	13.7

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

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

3/ FALL COLOR (SEPTEMBER) RATED IN 2000-02.

TABLE 35. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AL1	AZ1	MEAN
SRX 1BPAA	7.7	6.9	7.2
SYN 96-2	7.0	6.9	7.1
BAR CB 8US3	6.7	6.7	7.0
PENN A-2	6.7	6.8	6.9
SRX 1NJH	7.7	6.4	6.8
ISI AP-5	6.3	6.7	6.8
PENN G-1	6.3	6.4	6.6
SR 1119	7.0	6.2	6.6
PENN A-4	6.7	6.1	6.4
PICK CB 13-94	6.0	6.2	6.4
CRENSHAW	6.3	6.2	6.4
L-93	7.0	6.0	6.3
BRIGHTON (SRX 1120)	6.7	5.9	6.2
PROVIDENCE	6.3	6.0	6.2
PST-A2E	5.3	6.2	6.2
SR 7200	4.0	6.3	6.2
BAVARIA	3.3	6.4	6.1
PENNCROSS	5.7	5.9	6.1
SYN 96-3	6.0	5.9	6.1
ABT-CRB-1	5.0	6.0	6.0
IMPERIAL	5.7	5.9	6.0
PENN G-6	6.0	5.9	6.0
VESPER (PICK MVB)	5.0	6.0	6.0
BACKSPIN	5.3	5.8	5.9
PENN A-1	5.0	5.8	5.9
BENGAL (BAR AS 8FUS2)	6.0	5.2	5.6
PENNLINKS	5.0	5.4	5.6
CENTURY	5.7	5.3	5.4
SYN 96-1	5.3	5.1	5.3
LSD VALUE	1.3	1.4	1.2
C.V. (%)	13.5	14.2	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 (OCTOBER) RATED AT "AL1" IN 2000, AND AT "AZ1" IN 2000-02.

TABLE 36. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1	TX1	MEAN
PENN A-2	7.1	7.7	7.2
SRX 1BPAA	7.0	7.7	7.1
ABT-CRB-1	6.6	8.0	6.8
BAR CB 8US3	6.9	6.7	6.8
ISI AP-5	6.6	8.0	6.8
PST-A2E	6.6	7.7	6.8
PENN A-4	6.6	7.0	6.7
PENN G-1	6.6	7.0	6.7
PICK CB 13-94	6.6	7.7	6.7
SYN 96-2	6.6	7.0	6.6
CRENSHAW	6.6	6.3	6.6
SRX 1NJH	6.3	7.7	6.6
PENN G-6	6.3	7.3	6.5
SR 1119	6.2	7.3	6.4
SYN 96-1	6.1	7.3	6.3
BENGAL (BAR AS 8FUS2)	5.9	7.3	6.2
BAVARIA	6.0	7.0	6.2
L-93	5.8	8.0	6.2
SYN 96-3	6.0	7.0	6.2
PENNCROSS	5.8	7.0	6.0
SR 7200	6.0	7.0	6.0
VESPER (PICK MVB)	5.9	7.0	6.0
IMPERIAL	5.8	6.7	5.9
BACKSPIN	5.8	6.7	5.9
PENN A-1	5.6	7.0	5.9
PROVIDENCE	5.9	6.0	5.8
PENNLINKS	5.7	6.7	5.8
BRIGHTON (SRX 1120)	5.6	7.3	5.8
CENTURY	5.7	6.3	5.8
LSD VALUE	1.4	0.8	1.2
C.V. (%)	13.5	6.5	12.5

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

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

3/ FALL COLOR (NOVEMBER) RATED AT "AZ1" IN 2000-02, AND AT "TX1" IN 2001.

TABLE 37. FALL COLOR (DECEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	AZ1
SYN 96-2	7.3
PENN A-2	7.2
PENN A-4	7.2
SRX 1BPAA	7.0
BAR CB 8US3	6.8
PENN G-1	6.8
SYN 96-1	6.8
PICK CB 13-94	6.7
SR 1119	6.7
ISI AP-5	6.7
ABT-CRB-1	6.5
PENN A-1	6.5
SRX 1NJH	6.5
BENGAL (BAR AS 8FUS2)	6.3
PST-A2E	6.3
PENN G-6	6.3
VESPER (PICK MVB)	6.3
CRENSHAW	6.2
SYN 96-3	6.2
BRIGHTON (SRX 1120)	6.0
PROVIDENCE	6.0
BACKSPIN	5.8
BAVARIA	5.8
PENNLINKS	5.8
SR 7200	5.8
L-93	5.8
IMPERIAL	5.5
CENTURY	5.3
PENNCROSS	5.3
LSD VALUE	1.3
C.V. (%)	12.8

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

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

3/ FALL COLOR (DECEMBER) RATED IN 2000-02.

TABLE 38. POA ANNUA RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	WI1	WI2	MEAN
SYN 96-2	8.3	8.3	8.3
L-93	8.0	8.0	8.0
PENN A-4	8.0	8.0	8.0
PENN G-1	8.0	8.0	8.0
ISI AP-5	7.7	7.7	7.7
PENN A-1	7.7	7.7	7.7
PENN A-2	7.7	7.7	7.7
PENN G-6	7.7	7.7	7.7
SYN 96-1	7.7	7.7	7.7
SYN 96-3	7.7	7.7	7.7
ABT-CRB-1	7.3	7.3	7.3
BENGAL (BAR AS 8FUS2)	7.3	7.3	7.3
BRIGHTON (SRX 1120)	7.3	7.3	7.3
CRENSHAW	7.3	7.3	7.3
IMPERIAL	7.3	7.3	7.3
PICK CB 13-94	7.3	7.3	7.3
BAR CB 8US3	7.0	7.0	7.0
CENTURY	7.0	7.0	7.0
PROVIDENCE	7.0	7.0	7.0
PST-A2E	7.0	7.0	7.0
SR 1119	7.0	7.0	7.0
SRX 1BPAA	7.0	7.0	7.0
PENNCROSS	6.7	6.7	6.7
PENNLINKS	6.3	6.3	6.3
SRX 1NJH	6.3	6.3	6.3
VESPER (PICK MVB)	6.3	6.3	6.3
BACKSPIN	6.0	6.0	6.0
SR 7200	5.7	5.7	5.7
BAVARIA	4.3	4.3	4.3
LSD VALUE	1.5	1.5	1.0
C.V. (%)	12.9	12.9	12.9

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

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

3/ POA ANNUA RATED IN 2002 ONLY.

TABLE 39. MOWING QUALITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	ME1
SRX 1NJH	7.3
PST-A2E	7.0
ABT-CRB-1	6.7
BENGAL (BAR AS 8FUS2)	6.7
BAR CB 8US3	6.3
CRENSHAW	6.3
PENN A-2	6.3
SR 7200	6.3
SYN 96-2	6.3
SYN 96-3	6.3
PROVIDENCE	6.0
SYN 96-1	6.0
IMPERIAL	5.7
PENN A-1	5.7
PENN A-4	5.7
PENN G-1	5.7
VESPER (PICK MVB)	5.7
BRIGHTON (SRX 1120)	5.3
CENTURY	5.3
L-93	5.3
PICK CB 13-94	5.3
SRX 1BPAA	5.3
BACKSPIN	5.0
ISI AP-5	5.0
SR 1119	5.0
PENN G-6	4.7
PENNCROSS	4.7
PENNLINKS	4.3
BAVARIA	3.0
LSD VALUE	1.2
C.V. (%)	12.8

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

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

3/ MOWING RATED IN 1999 ONLY.

TABLE 40. SCALPING RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

SCALPING RATINGS 1-9; 9=NONE 2/ 3/			
NAME	AL1	TX1	MEAN
VESPER (PICK MVB)	9.0	7.0	8.0
BAVARIA	9.0	6.0	7.5
SR 1119	8.7	6.3	7.5
SR 7200	8.3	6.7	7.5
PENN A-4	9.0	5.7	7.3
BAR CB 8US3	8.7	6.0	7.3
ISI AP-5	9.0	5.3	7.2
L-93	8.7	5.7	7.2
PENNCROSS	9.0	5.3	7.2
PENNLINKS	9.0	5.3	7.2
PICK CB 13-94	8.7	5.7	7.2
PENN G-1	9.0	5.0	7.0
BENGAL (BAR AS 8FUS2)	8.0	5.7	6.8
BACKSPIN	8.7	5.0	6.8
BRIGHTON (SRX 1120)	8.0	5.3	6.7
CRENSHAW	8.7	4.7	6.7
IMPERIAL	8.0	5.3	6.7
PENN G-6	8.0	5.3	6.7
PROVIDENCE	7.7	5.3	6.5
PST-A2E	8.7	4.3	6.5
SYN 96-1	5.7	7.0	6.3
PENN A-1	7.7	4.7	6.2
PENN A-2	7.3	5.0	6.2
SRX 1BPAA	7.0	5.3	6.2
CENTURY	6.0	6.0	6.0
SRX 1NJH	7.3	4.7	6.0
SYN 96-2	5.0	6.3	5.7
SYN 96-3	4.7	4.7	4.7
ABT-CRB-1	4.3	4.7	4.5
LSD VALUE	1.9	1.9	1.9
C.V. (%)	15.0	21.9	18.5

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/ SCALPING RATED AT "AL1" IN 1999, AND AT "TX1" IN 2000.

TABLE 41. MOSS INVASION RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

MOSS INVASION RATINGS 1-9; 9=NO MOSS 2/ 3/

NAME	UT1
PENN A-1	8.7
PENN A-2	7.7
PICK CB 13-94	7.7
PROVIDENCE	7.3
PST-A2E	7.3
IMPERIAL	7.0
PENN A-4	7.0
PENN G-6	7.0
SYN 96-1	7.0
SYN 96-3	7.0
BAR CB 8US3	6.7
BRIGHTON (SRX 1120)	6.7
CENTURY	6.7
ISI AP-5	6.7
PENNLINKS	6.7
BACKSPIN	6.3
SRX 1NJH	6.3
SYN 96-2	6.3
ABT-CRB-1	6.0
PENN G-1	6.0
SRX 1BPAA	6.0
L-93	5.7
SR 1119	5.7
BENGAL (BAR AS 8FUS2)	5.0
VESPER (PICK MVB)	5.0
CRENSHAW	4.7
BAVARIA	4.3
PENNCROSS	4.0
SR 7200	3.3
LSD VALUE	3.7
C.V. (%)	36.7

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/ MOSS INVASION RATED IN 2001 ONLY.

TABLE 42. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN 2/
1998-2002 DATA

NAME	IA1	IL1	MA1	NC1	VA1	WI1	MEAN
PENN A-2	75.0	90.0	66.7	88.3	63.3	81.7	77.5
L-93	73.3	73.3	68.3	81.7	70.0	81.7	74.7
PENN A-4	78.3	65.0	76.7	88.3	53.3	81.7	73.9
BACKSPIN	81.7	76.7	63.3	91.0	43.3	86.7	73.8
PENNCROSS	75.0	75.0	63.3	86.7	63.3	78.3	73.6
PENNLINKS	75.0	85.0	65.0	82.3	60.0	71.7	73.2
PENN A-1	71.7	70.0	58.3	83.3	63.3	81.7	71.4
CRENSHAW	66.7	75.0	56.7	78.3	70.0	78.3	70.8
SYN 96-1	68.3	68.3	56.7	90.0	60.0	80.0	70.6
PENN G-6	66.7	73.3	63.3	83.3	60.0	75.0	70.3
PICK CB 13-94	70.0	68.3	51.7	81.7	60.0	81.0	68.8
PENN G-1	71.7	68.3	65.0	90.7	46.7	70.0	68.7
SR 1119	73.3	83.3	46.7	81.7	50.0	76.7	68.6
PROVIDENCE	76.7	58.3	60.0	83.3	53.3	75.0	67.8
SYN 96-2	73.3	71.7	46.7	83.3	56.7	74.3	67.7
ISI AP-5	75.0	60.0	53.3	81.7	53.3	80.0	67.2
CENTURY	68.3	78.3	65.0	78.3	36.7	76.0	67.1
IMPERIAL	76.7	81.7	51.7	68.3	40.0	78.3	66.1
BENGAL (BAR AS 8FUS2)	71.7	61.7	56.7	83.3	40.0	75.0	64.7
SYN 96-3	65.0	70.0	46.7	81.7	46.7	78.3	64.7
ABT-CRB-1	71.7	50.0	50.0	78.3	53.3	83.3	64.4
SRX 1BPAA	70.0	63.3	41.7	75.0	63.3	68.3	63.6
SR 7200	71.7	60.0	51.7	85.0	40.0	71.7	63.3
BAR CB 8US3	68.3	55.0	46.7	75.0	53.3	68.3	61.1
SRX 1NJH	68.3	61.7	38.3	58.3	56.7	81.7	60.8
BAVARIA	70.0	45.0	46.7	73.3	46.7	80.0	60.3
BRIGHTON (SRX 1120)	68.3	70.0	43.3	71.7	36.7	66.7	59.4
VESPER (PICK MVB)	68.3	38.3	41.7	83.3	40.0	71.7	57.2
PST-A2E	66.7	46.7	41.7	73.3	36.7	55.0	53.3
LSD VALUE	12.3	25.8	17.2	17.7	25.9	19.3	8.3
C.V. (%)	10.7	24.0	19.6	13.6	30.7	15.8	18.8

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 43. ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT MEAD, NE 1/
1998-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

NAME	JULY	AUGUST	MEAN
BENGAL (BAR AS 8FUS2)	9.0	9.0	9.0
BAR CB 8US3	8.7	8.7	8.7
PENN A-2	8.7	8.7	8.7
PENN G-1	8.7	8.7	8.7
SR 1119	8.7	8.7	8.7
SYN 96-1	8.7	8.7	8.7
ABT-CRB-1	8.7	8.0	8.3
CRENSHAW	8.3	8.3	8.3
IMPERIAL	8.3	8.3	8.3
PENN A-4	8.3	8.3	8.3
PICK CB 13-94	8.3	8.3	8.3
SRX 1BPAA	8.3	8.3	8.3
SYN 96-2	8.3	8.3	8.3
SYN 96-3	8.3	8.3	8.3
BACKSPIN	8.3	7.7	8.0
CENTURY	8.0	8.0	8.0
L-93	8.0	8.0	8.0
PENN A-1	8.0	8.0	8.0
PENN G-6	8.0	8.0	8.0
PST-A2E	8.0	8.0	8.0
BRIGHTON (SRX 1120)	8.0	8.0	8.0
PENNCROSS	7.7	7.7	7.7
PROVIDENCE	7.7	7.7	7.7
ISI AP-5	7.3	7.3	7.3
PENNLINKS	7.3	7.3	7.3
SRX 1NJH	7.3	7.3	7.3
VESPER (PICK MVB)	6.7	6.7	6.7
SR 7200	6.0	6.0	6.0
BAVARIA	5.7	5.7	5.7
LSD VALUE	1.3	1.4	1.3
C.V. (%)	9.4	9.7	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 44. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN AT CLEMSON, SC 2/
1998-2002 DATA

NAME	OCTOBER	NOVEMBER	MEAN
PENN A-4	56.7	91.0	73.8
L-93	55.0	85.0	70.0
PENNCROSS	51.7	87.7	69.7
CRENSHAW	50.0	86.7	68.3
PENNLINKS	46.7	86.0	66.3
PROVIDENCE	50.0	82.3	66.2
SYN 96-3	45.0	86.7	65.8
PENN A-1	46.7	81.7	64.2
SYN 96-2	48.3	80.0	64.2
IMPERIAL	41.7	85.0	63.3
SR 1119	45.0	80.0	62.5
ABT-CRB-1	40.0	82.3	61.2
PENN A-2	38.3	84.0	61.2
SYN 96-1	43.3	78.3	60.8
CENTURY	40.0	78.3	59.2
PENN G-1	36.7	81.0	58.8
ISI AP-5	38.3	79.0	58.7
BACKSPIN	40.0	76.7	58.3
BRIGHTON (SRX 1120)	40.0	76.7	58.3
BAVARIA	40.0	75.0	57.5
SRX 1BPAA	38.3	74.3	56.3
BENGAL (BAR AS 8FUS2)	33.3	77.0	55.2
BAR CB 8US3	35.0	75.0	55.0
PICK CB 13-94	31.7	76.7	54.2
PENN G-6	31.7	76.0	53.8
SRX 1NJH	31.7	70.0	50.8
SR 7200	28.3	68.3	48.3
VESPER (PICK MVB)	25.0	70.0	47.5
PST-A2E	28.3	65.0	46.7
LSD VALUE	18.1	17.1	14.3
C.V. (%)	22.5	9.8	12.5

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

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

TABLE 45. ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT LOGAN, UT 1/
1998-2002 DATA

ESTABLISHMENT RATINGS 1-9; 9=BEST 2/

NAME	OCT.98	MAY 99	MEAN
PENN G-1	4.0	6.0	5.0
PENN G-6	4.3	5.3	4.8
PENNLINKS	4.3	5.3	4.8
BACKSPIN	4.0	5.3	4.7
CRENSHAW	4.0	5.3	4.7
IMPERIAL	4.0	5.3	4.7
L-93	4.0	5.3	4.7
PICK CB 13-94	3.7	5.3	4.5
PROVIDENCE	4.0	5.0	4.5
PENN A-1	3.7	5.0	4.3
PENNCROSS	3.3	5.3	4.3
BRIGHTON (SRX 1120)	3.7	5.0	4.3
SRX 1BPAA	3.7	5.0	4.3
SYN 96-1	3.3	5.3	4.3
SYN 96-3	3.7	5.0	4.3
PENN A-2	3.3	5.0	4.2
ABT-CRB-1	3.3	4.7	4.0
BAR CB 8US3	3.3	4.7	4.0
PST-A2E	3.3	4.7	4.0
SR 1119	3.3	4.7	4.0
BENGAL (BAR AS 8FUS2)	3.3	4.3	3.8
ISI AP-5	3.0	4.7	3.8
PENN A-4	3.3	4.3	3.8
SYN 96-2	2.7	5.0	3.8
SR 7200	2.7	4.7	3.7
SRX 1NJH	3.3	4.0	3.7
VESPER (PICK MVB)	2.3	4.7	3.5
CENTURY	3.0	3.7	3.3
BAVARIA	2.0	4.0	3.0
LSD VALUE	2.0	3.0	2.1
C.V. (%)	22.7	18.4	17.8

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

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

TABLE 46. GROW-IN RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT AUBURN, AL 1/
1998-2002 DATA

GROW-IN RATINGS 1-9; 1=NO GROW-IN, 5=50% 9=90% GROW-IN 2/

NAME	DEC. 98	JAN. 99	FEB. 99	MEAN
ISI AP-5	5.3	8.3	9.0	7.6
SR 7200	5.3	8.3	9.0	7.6
SRX 1BPAA	5.0	8.7	8.7	7.4
BACKSPIN	5.3	7.7	9.0	7.3
PICK CB 13-94	5.0	8.3	8.7	7.3
PENN A-4	5.3	7.7	8.7	7.2
CENTURY	5.3	7.3	8.7	7.1
L-93	4.3	8.3	8.7	7.1
BRIGHTON (SRX 1120)	4.0	8.3	9.0	7.1
SRX 1NJH	4.0	8.7	8.7	7.1
SYN 96-1	5.3	7.7	8.3	7.1
BAVARIA	4.7	7.7	8.7	7.0
PENNLINKS	4.3	8.0	8.7	7.0
PENNCROSS	4.3	7.7	8.7	6.9
VESPER (PICK MVB)	4.7	7.0	9.0	6.9
PST-A2E	3.3	8.3	9.0	6.9
CRENSHAW	4.7	7.7	8.0	6.8
IMPERIAL	5.3	7.3	7.7	6.8
PENN A-1	4.7	7.3	8.0	6.7
PROVIDENCE	4.7	7.3	8.0	6.7
SR 1119	4.7	7.7	7.7	6.7
BENGAL (BAR AS 8FUS2)	3.3	7.7	8.7	6.6
PENN A-2	4.3	7.3	8.0	6.6
SYN 96-3	4.3	7.0	8.3	6.6
SYN 96-2	4.0	7.0	8.3	6.4
BAR CB 8US3	3.7	7.0	8.3	6.3
PENN G-6	4.3	6.7	7.7	6.2
ABT-CRB-1	4.0	7.0	7.3	6.1
PENN G-1	3.7	6.0	7.7	5.8
LSD VALUE	1.6	2.8	1.5	1.4
C.V. (%)	16.4	12.8	7.6	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 47. THATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	TX1
SYN 96-1	6.7
SYN 96-2	6.0
BACKSPIN	5.7
SYN 96-3	5.7
VESPER (PICK MVB)	5.7
L-93	5.3
ABT-CRB-1	5.0
BAVARIA	5.0
PENN G-6	5.0
PICK CB 13-94	5.0
PST-A2E	5.0
ISI AP-5	4.7
PENN A-1	4.7
PENN A-2	4.7
SR 1119	4.7
SR 7200	4.7
BENGAL (BAR AS 8FUS2)	4.3
CENTURY	4.3
CRENSHAW	4.3
PENN G-1	4.3
BRIGHTON (SRX 1120)	4.0
IMPERIAL	4.0
PENN A-4	4.0
PROVIDENCE	4.0
BAR CB 8US3	3.7
PENNCROSS	3.3
SRX 1BPAA	3.3
SRX 1NJH	3.3
PENNLINKS	3.0
LSD VALUE	2.1
C.V. (%)	28.3

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/ THATCH RATED IN 2000 ONLY.

TABLE 48. ROOT KNOT NEMATODE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

ROOT KNOT NEMATODE RATINGS 1-9; 9=NONE 2/ 3/

NAME	M01
SR 7200	8.3
BAVARIA	8.0
L-93	8.0
BAR CB 8US3	7.7
PENN G-1	7.3
PENNCROSS	7.3
PENNLINKS	7.3
BRIGHTON (SRX 1120)	7.0
PENN A-2	7.0
SR 1119	7.0
BACKSPIN	6.3
CRENSHAW	6.3
PENN G-6	6.3
PICK CB 13-94	6.3
PST-A2E	6.3
VESPER (PICK MVB)	6.3
PENN A-1	6.0
SRX 1BPAA	6.0
ISI AP-5	5.7
SRX 1NJH	5.3
SYN 96-1	5.3
BENGAL (BAR AS 8FUS2)	5.0
IMPERIAL	5.0
CENTURY	4.7
PENN A-4	4.7
PROVIDENCE	4.7
SYN 96-3	4.3
SYN 96-2	4.0
ABT-CRB-1	3.3
LSD VALUE	2.1
C.V. (%)	21.6

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/ ROOT KNOT NEMATODE RATED IN 2000 ONLY.

TABLE 49. SNOW MOLD RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	WI2
VESPER (PICK MVB)	8.7
BAVARIA	7.3
L-93	7.3
PENN A-2	7.0
PROVIDENCE	7.0
SR 7200	7.0
BRIGHTON (SRX 1120)	6.7
PENN G-1	6.7
PICK CB 13-94	6.7
SRX 1BPAA	6.7
SYN 96-1	6.7
SYN 96-2	6.7
CENTURY	6.3
CRENSHAW	6.3
ISI AP-5	6.3
SR 1119	6.3
IMPERIAL	6.0
PENN G-6	6.0
PENNLINKS	6.0
SRX 1NJH	6.0
SYN 96-3	6.0
BENGAL (BAR AS 8FUS2)	5.7
PENNCROSS	5.7
PST-A2E	5.7
ABT-CRB-1	5.3
BACKSPIN	5.0
PENN A-1	4.7
BAR CB 8US3	4.3
PENN A-4	4.3
LSD VALUE	3.8
C.V. (%)	38.2

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/ SNOW MOLD RATED IN 2001 ONLY.

TABLE 50. PATCH DISEASE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

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

NAME	NE1
BAVARIA	9.0
L-93	9.0
PENN A-1	9.0
PENNCROSS	9.0
PST-A2E	9.0
SR 7200	9.0
SRX 1BPAA	9.0
PENN A-2	8.7
PENNLINKS	8.7
BRIGHTON (SRX 1120)	8.3
PENN G-1	8.3
PICK CB 13-94	8.3
ABT-CRB-1	8.0
SR 1119	8.0
SRX 1NJH	8.0
VESPER (PICK MVB)	8.0
ISI AP-5	7.7
PENN G-6	7.7
BENGAL (BAR AS 8FUS2)	7.3
SYN 96-3	7.3
SYN 96-1	7.0
IMPERIAL	6.3
PENN A-4	6.3
PROVIDENCE	6.3
SYN 96-2	6.0
BACKSPIN	5.7
BAR CB 8US3	5.7
CENTURY	4.3
CRENSHAW	4.0
LSD VALUE	1.2
C.V. (%)	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/ PATCH DISEASE RATED IN 2001 ONLY.

TABLE 51. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/ 2/ 3/
1999-2002 DATA

NAME	AL1	KY1	NY1	MEAN
CENTURY	20.3	15.7	15.3	16.8
IMPERIAL	2.3	15.7	12.0	11.4
CRENSHAW	5.3	16.3	6.7	11.2
BAR CB 8US3	7.3	13.3	10.0	11.0
PENN A-4	23.3	6.0	5.3	10.2
ISI AP-5	13.3	10.3	6.0	10.0
PICK CB 13-94	5.3	11.0	10.3	9.4
BAVARIA	1.7	10.3	11.0	8.3
BACKSPIN	3.7	10.0	7.3	7.8
PENNCROSS	7.3	8.3	6.3	7.6
SYN 96-1	5.0	10.0	5.3	7.6
ABT-CRB-1	3.7	6.3	13.3	7.4
VESPER (PICK MVB)	4.0	5.3	13.0	6.9
SYN 96-2	2.3	10.0	4.7	6.8
PENN A-2	7.3	6.3	6.7	6.7
SRX 1NJH	10.3	5.0	6.0	6.6
SR 7200	0.3	5.7	13.7	6.3
SR 1119	3.7	8.7	3.7	6.2
L-93	7.3	1.3	12.3	5.6
SYN 96-3	2.3	6.3	4.3	4.8
PENN A-1	7.0	1.3	9.3	4.8
PST-A2E	8.7	2.3	5.7	4.8
BRIGHTON (SRX 1120)	7.0	4.7	2.3	4.7
PENNLINKS	3.7	5.7	2.7	4.4
BENGAL (BAR AS 8FUS2)	0.7	5.7	5.3	4.3
PENN G-1	1.0	3.7	6.7	3.8
PENN G-6	3.7	2.3	5.3	3.4
SRX 1BPAA	4.0	2.0	5.7	3.4
PROVIDENCE	0.7	3.0	5.3	3.0
LSD VALUE	13.7	8.0	10.2	8.3
C.V. (%)	142.7	68.1	82.8	89.2

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/ PERCENT DOLLAR SPOT RATED AT "AL1" & "NY1" IN 2000, AND AT "KY1" IN 2002.

TABLE 52. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT AUBURN, AL 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/			
NAME	JANUARY	MARCH	MEAN
BAVARIA	9.0	8.7	8.8
SR 7200	8.7	9.0	8.8
PENNCROSS	8.7	8.0	8.3
PENNLINKS	8.7	8.0	8.3
PENN A-1	8.7	7.7	8.2
PENN A-2	8.7	7.7	8.2
SR 1119	8.7	7.3	8.0
VESPER (PICK MVB)	8.7	7.3	8.0
ABT-CRB-1	8.3	7.3	7.8
PICK CB 13-94	8.3	7.3	7.8
PST-A2E	8.0	7.7	7.8
SRX 1BPAA	8.7	7.0	7.8
L-93	8.3	6.7	7.5
PENN G-1	8.3	6.7	7.5
PENN G-6	8.7	6.3	7.5
SRX 1NJH	8.3	6.7	7.5
BRIGHTON (SRX 1120)	7.7	7.0	7.3
BENGAL (BAR AS 8FUS2)	8.3	6.0	7.2
PROVIDENCE	8.3	6.0	7.2
SYN 96-2	8.3	6.0	7.2
IMPERIAL	8.0	6.0	7.0
SYN 96-1	8.3	5.7	7.0
BAR CB 8US3	8.3	5.3	6.8
CRENSHAW	8.0	5.7	6.8
ISI AP-5	8.0	5.7	6.8
SYN 96-3	8.7	5.0	6.8
BACKSPIN	8.0	5.3	6.7
CENTURY	8.0	5.3	6.7
PENN A-4	7.7	4.7	6.2
LSD VALUE	1.0	2.9	1.7
C.V. (%)	5.2	20.6	10.9

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

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

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 53. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT E. LANSING, MI 1/
1999-2002 DATA

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

NAME	JUNE 00	JULY 00	JULY 02	SEPT 02	MEAN
PENN A-1	1.0	6.7	8.0	7.7	5.8
PENN A-2	1.3	6.7	7.0	7.7	5.7
PENN G-1	1.0	6.0	8.0	7.3	5.6
PST-A2E	1.0	6.0	8.0	7.3	5.6
L-93	1.3	6.0	6.7	7.3	5.3
SRX 1NJH	1.7	6.0	7.7	6.0	5.3
PENN A-4	1.3	6.0	6.3	6.7	5.1
PENNCROSS	2.7	5.3	6.0	5.7	4.9
PENNLINKS	1.3	5.7	7.0	5.7	4.9
PICK CB 13-94	2.0	5.7	6.7	5.3	4.9
PENN G-6	1.7	6.3	5.3	6.0	4.8
SR 7200	1.3	6.3	4.7	6.0	4.6
SYN 96-3	1.7	4.7	8.0	4.0	4.6
VESPER (PICK MVB)	1.3	6.0	4.7	6.0	4.5
ABT-CRB-1	1.3	6.0	5.7	4.7	4.4
BENGAL (BAR AS 8FUS2)	2.0	5.3	3.7	6.0	4.3
IMPERIAL	1.7	5.0	5.0	5.0	4.2
ISI AP-5	1.7	5.3	4.7	4.7	4.1
SR 1119	1.3	5.0	4.7	4.7	3.9
BAR CB 8US3	1.7	4.7	5.3	3.3	3.8
BRIGHTON (SRX 1120)	1.7	6.0	3.7	4.0	3.8
SRX 1BPAA	1.7	5.7	3.7	4.0	3.8
SYN 96-1	2.0	5.0	4.0	4.0	3.8
SYN 96-2	2.0	4.7	4.3	4.0	3.8
BACKSPIN	1.7	4.3	4.7	3.3	3.5
PROVIDENCE	1.7	4.3	3.0	3.3	3.1
BAVARIA	1.3	4.0	3.0	3.7	3.0
CENTURY	2.0	4.3	3.0	2.3	2.9
CRENSHAW	2.0	4.0	3.3	2.0	2.8
LSD VALUE	2.9	1.2	5.1	1.8	2.4
C.V. (%)	48.2	13.0	41.0	22.3	35.6

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

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

TABLE 54. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT NORTH BRUNSWICK, NJ 1/
1999-2002 DATA

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

NAME	SEPT 00	OCT 00	MEAN
L-93	9.0	9.0	9.0
SR 7200	9.0	9.0	9.0
VESPER (PICK MVB)	9.0	9.0	9.0
BAVARIA	9.0	8.7	8.8
PENN A-1	9.0	8.3	8.7
PENN A-2	9.0	8.3	8.7
PENN A-4	9.0	8.3	8.7
PENN G-1	9.0	8.3	8.7
PENNCROSS	9.0	8.3	8.7
PICK CB 13-94	9.0	8.3	8.7
PST-A2E	9.0	8.3	8.7
PENN G-6	9.0	8.0	8.5
PENNLINKS	9.0	8.0	8.5
SR 1119	9.0	7.7	8.3
BENGAL (BAR AS 8FUS2)	9.0	7.3	8.2
ISI AP-5	9.0	7.3	8.2
PROVIDENCE	9.0	7.3	8.2
SRX 1BPAA	9.0	7.3	8.2
SRX 1NJH	8.7	7.7	8.2
BAR CB 8US3	9.0	7.0	8.0
BRIGHTON (SRX 1120)	9.0	7.0	8.0
IMPERIAL	9.0	7.0	8.0
ABT-CRB-1	9.0	6.7	7.8
SYN 96-1	9.0	5.3	7.2
SYN 96-3	9.0	5.3	7.2
BACKSPIN	9.0	5.0	7.0
SYN 96-2	9.0	5.0	7.0
CENTURY	9.0	4.3	6.7
CRENSHAW	9.0	4.0	6.5
LSD VALUE	0.3	1.3	0.7
C.V. (%)	1.2	11.5	5.3

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

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

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA.

TABLE 55. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT NORTH BRUNSWICK, NJ 1/
1999-2002 DATA

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

NAME	SEP 00	OCT 00	2001	MEAN
BAVARIA	9.0	8.3	8.3	8.5
SR 7200	8.7	8.7	8.0	8.3
L-93	8.0	7.3	8.0	7.8
VESPER (PICK MVB)	9.0	9.0	6.7	7.8
ISI AP-5	8.7	7.0	7.3	7.6
PENN A-1	8.7	7.0	7.3	7.6
PENNCROSS	8.3	6.7	7.3	7.4
PENN A-2	8.7	5.3	7.7	7.3
PICK CB 13-94	9.0	7.3	6.3	7.3
PST-A2E	8.3	5.3	7.7	7.3
PENNLINKS	7.7	6.0	7.3	7.1
PENN G-6	7.3	6.0	6.7	6.7
PENN A-4	8.0	5.0	6.7	6.6
ABT-CRB-1	8.0	4.7	6.7	6.5
SRX 1NJH	7.7	5.3	6.0	6.3
SRX 1BPAA	6.3	5.3	5.7	5.8
BAR CB 8US3	7.7	4.0	5.3	5.6
PROVIDENCE	7.7	4.0	5.3	5.6
BENGAL (BAR AS 8FUS2)	6.7	3.7	5.3	5.3
BRIGHTON (SRX 1120)	6.3	4.3	5.3	5.3
IMPERIAL	6.3	3.7	5.7	5.3
SR 1119	7.0	4.0	5.0	5.3
BACKSPIN	6.3	3.0	5.0	4.8
PENN G-1	5.3	3.7	5.0	4.8
SYN 96-1	5.0	2.0	4.7	4.1
SYN 96-2	5.0	2.0	4.3	3.9
SYN 96-3	3.7	2.0	4.7	3.8
CENTURY	4.7	2.3	3.3	3.4
CRENSHAW	3.7	1.7	4.0	3.3
LSD VALUE	2.6	2.1	1.7	1.2
C.V. (%)	20.7	26.7	17.4	19.1

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/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA.

TABLE 56. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT STILLWATER, OK 1/
1999-2002 DATA

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

NAME	APRIL	MAY	MEAN
L-93	8.3	8.0	8.2
PENN A-2	8.0	8.0	8.0
ABT-CRB-1	8.3	7.3	7.8
PENN A-1	8.0	7.7	7.8
PENN G-1	8.0	7.7	7.8
PENNLINKS	8.0	7.7	7.8
SRX 1NJH	8.0	7.7	7.8
PST-A2E	7.7	7.7	7.7
PENN G-6	7.7	7.0	7.3
PENNCROSS	7.7	7.0	7.3
SRX 1BPAA	7.3	7.3	7.3
PICK CB 13-94	6.7	7.3	7.0
SR 7200	6.7	7.3	7.0
PENN A-4	7.0	6.7	6.8
BENGAL (BAR AS 8FUS2)	7.0	6.3	6.7
ISI AP-5	6.7	6.7	6.7
SR 1119	6.7	6.7	6.7
BAVARIA	7.0	6.0	6.5
BRIGHTON (SRX 1120)	6.7	6.3	6.5
VESPER (PICK MVB)	6.3	6.7	6.5
PROVIDENCE	5.7	6.0	5.8
SYN 96-3	5.0	5.3	5.2
BACKSPIN	5.0	4.7	4.8
SYN 96-1	4.3	5.0	4.7
BAR CB 8US3	4.7	3.7	4.2
IMPERIAL	4.0	4.0	4.0
SYN 96-2	3.3	2.3	2.8
CENTURY	3.3	2.0	2.7
CRENSHAW	3.0	2.0	2.5
LSD VALUE	1.1	1.4	1.1
C.V. (%)	11.0	15.1	11.5

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

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

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 57. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT UNIVERSITY PARK, PA 1/
1999-2002 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/			
NAME	MAY	AUGUST	MEAN
SR 7200	9.0	9.0	9.0
BAVARIA	9.0	8.7	8.8
L-93	9.0	8.7	8.8
PST-A2E	9.0	8.7	8.8
PENN A-2	8.7	8.7	8.7
VESPER (PICK MVB)	9.0	8.3	8.7
SRX 1BPAA	8.3	8.3	8.3
ISI AP-5	8.3	8.0	8.2
PENN A-1	8.0	8.3	8.2
PENNCROSS	8.3	8.0	8.2
BENGAL (BAR AS 8FUS2)	8.0	8.0	8.0
PENN G-1	8.0	8.0	8.0
SR 1119	8.3	7.7	8.0
SRX 1NJH	8.0	8.0	8.0
BRIGHTON (SRX 1120)	7.7	8.0	7.8
PENNLINKS	7.7	8.0	7.8
PICK CB 13-94	7.7	8.0	7.8
ABT-CRB-1	7.7	7.3	7.5
PENN G-6	7.0	8.0	7.5
PENN A-4	6.7	8.0	7.3
BAR CB 8US3	6.7	7.7	7.2
IMPERIAL	6.7	7.7	7.2
SYN 96-1	6.7	7.7	7.2
SYN 96-3	7.3	6.7	7.0
BACKSPIN	6.7	7.0	6.8
CENTURY	6.7	7.0	6.8
PROVIDENCE	6.3	7.0	6.7
SYN 96-2	6.3	6.3	6.3
CRENSHAW	3.7	5.0	4.3
LSD VALUE	1.0	1.2	0.9
C.V. (%)	8.6	9.0	7.4

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

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

3/ DOLLAR SPOT RATED IN 2000 ONLY.

4/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA.

TABLE 58. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT DALLAS, TX 1/
1999-2002 DATA

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

NAME	SEPTEMBER	NOVEMBER	MEAN
L-93	8.0	8.0	8.0
PENN A-2	8.0	8.0	8.0
ABT-CRB-1	8.0	7.3	7.7
BENGAL (BAR AS 8FUS2)	8.0	7.3	7.7
PENN A-1	8.0	7.3	7.7
PENN G-6	8.0	7.3	7.7
PST-A2E	8.0	7.3	7.7
VESPER (PICK MVB)	8.0	7.3	7.7
PENNCROSS	8.0	7.0	7.5
SRX 1BPAA	7.3	7.3	7.3
ISI AP-5	7.7	6.7	7.2
PICK CB 13-94	7.3	7.0	7.2
SR 7200	7.7	6.7	7.2
SRX 1NJH	7.7	6.7	7.2
PENNLINKS	7.7	6.3	7.0
SR 1119	7.7	6.3	7.0
BRIGHTON (SRX 1120)	7.3	6.3	6.8
SYN 96-1	7.3	6.3	6.8
IMPERIAL	7.3	5.7	6.5
PENN G-1	7.0	6.0	6.5
PENN A-4	7.0	5.3	6.2
BAVARIA	7.0	5.0	6.0
SYN 96-3	7.0	5.0	6.0
BACKSPIN	6.7	5.0	5.8
BAR CB 8US3	6.3	4.3	5.3
SYN 96-2	7.0	3.7	5.3
PROVIDENCE	6.3	4.0	5.2
CENTURY	5.7	4.0	4.8
CRENSHAW	4.7	2.3	3.5
LSD VALUE	1.7	2.1	1.7
C.V. (%)	12.0	20.2	14.4

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

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

3/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 59. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITH FUNGICIDES), WI 1/
1999-2002 DATA

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

NAME	JUNE	JULY	MEAN
SR 7200	8.7	7.7	8.2
VESPER (PICK MVB)	9.0	6.3	7.7
PST-A2E	8.0	6.3	7.2
PENNLINKS	8.0	6.0	7.0
L-93	7.7	6.0	6.8
PENN A-2	7.0	6.7	6.8
SRX 1BPAA	8.0	5.3	6.7
SRX 1NJH	8.0	5.0	6.5
BENGAL (BAR AS 8FUS2)	7.3	5.3	6.3
PENN G-1	7.3	5.3	6.3
PENN G-6	7.3	5.3	6.3
BAVARIA	6.3	6.0	6.2
PENNCROSS	6.7	5.7	6.2
BACKSPIN	6.7	4.7	5.7
BRIGHTON (SRX 1120)	6.3	5.0	5.7
ISI AP-5	6.7	4.7	5.7
PICK CB 13-94	6.7	4.7	5.7
SR 1119	6.3	5.0	5.7
SYN 96-3	7.3	4.0	5.7
ABT-CRB-1	7.0	4.0	5.5
PENN A-1	6.3	4.7	5.5
PROVIDENCE	6.7	4.0	5.3
SYN 96-1	5.7	5.0	5.3
BAR CB 8US3	6.0	4.3	5.2
IMPERIAL	6.7	3.7	5.2
CENTURY	6.3	3.7	5.0
PENN A-4	5.7	4.0	4.8
SYN 96-2	6.0	3.7	4.8
CRENSHAW	4.7	3.0	3.8
LSD VALUE	2.1	1.6	1.3
C.V. (%)	15.5	18.8	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/ DOLLAR SPOT RATED IN 2001 ONLY.

TABLE 60. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITHOUT FUNGICIDES), WI 1/
1999-2002 DATA

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

NAME	JULY 00	AUG 00	SEP 00	JUNE 01	JULY 01	MEAN
SR 7200	9.0	8.0	7.0	9.0	7.3	8.1
VESPER (PICK MVB)	8.7	8.0	5.3	8.3	5.3	7.1
PST-A2E	7.7	8.3	5.7	7.3	5.7	6.9
PENNLINKS	8.7	8.3	5.0	6.7	5.7	6.8
BAVARIA	9.0	8.3	7.3	6.0	4.3	6.7
L-93	8.0	8.0	5.3	7.0	5.7	6.7
PENN A-2	8.7	7.7	5.0	7.0	4.7	6.5
PENN A-1	8.3	7.7	4.7	7.0	4.7	6.4
PENNCROSS	7.7	7.7	5.0	6.3	5.0	6.2
BENGAL (BAR AS 8FUS2)	8.3	8.0	4.7	6.7	3.7	6.1
SRX 1BPAA	7.3	7.7	4.0	7.7	4.0	6.1
PICK CB 13-94	7.7	7.3	5.0	6.7	3.3	5.8
SRX 1NJH	7.0	7.0	4.0	6.3	4.3	5.7
ISI AP-5	7.0	7.0	4.7	6.0	4.0	5.6
PENN G-6	6.7	7.3	4.3	6.0	4.3	5.6
SR 1119	7.7	7.3	4.7	5.7	3.7	5.6
PENN G-1	6.0	7.3	4.3	6.7	3.7	5.5
BRIGHTON (SRX 1120)	7.3	7.3	4.0	5.7	3.7	5.4
ABT-CRB-1	6.3	6.3	4.7	6.0	3.7	5.3
SYN 96-3	6.3	6.7	4.0	6.3	2.7	5.1
PENN A-4	6.0	6.0	3.3	5.3	3.7	4.8
IMPERIAL	6.3	6.7	4.0	5.0	2.3	4.7
PROVIDENCE	5.7	6.3	3.3	5.3	3.3	4.7
BAR CB 8US3	6.3	6.0	4.0	4.3	3.0	4.6
SYN 96-1	5.0	6.7	4.0	5.3	2.7	4.6
BACKSPIN	5.3	6.0	3.3	5.7	2.7	4.5
CENTURY	5.3	5.0	3.3	4.3	1.7	3.8
SYN 96-2	4.3	4.7	3.0	4.7	2.0	3.7
CRENSHAW	3.7	5.0	2.7	3.7	2.0	3.3
LSA VALUE	3.8	1.5	1.1	1.7	1.6	1.2
C.V. (%)	25.3	12.5	16.0	16.5	25.2	19.5

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

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

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMOEOCARPA IN 2000.

TABLE 61. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT BLACKSBURG, VA 1/
1999-2002 DATA

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

NAME	MAR 01	MAY 01	JULY 02	AUG 02	SEP 02	MEAN
SR 7200	8.7	7.3	7.7	7.7	7.7	7.8
BAVARIA	8.3	7.0	8.3	6.7	6.3	7.4
SRX 1NJH	8.0	6.3	8.3	6.7	6.7	7.2
L-93	8.0	6.7	7.7	6.7	6.3	7.1
PENN A-2	8.0	5.7	8.0	7.0	6.3	7.0
VESPER (PICK MVB)	7.3	7.0	8.3	6.3	6.0	7.0
PENN A-1	6.7	6.7	8.3	7.0	6.3	6.9
SRX 1BPAA	8.3	6.0	8.0	6.3	5.7	6.9
PENNCROSS	8.0	6.3	8.0	6.0	5.3	6.8
PENNLINKS	8.7	7.0	6.0	6.0	5.3	6.8
PENN G-1	6.0	6.3	7.7	6.0	5.7	6.3
PST-A2E	7.0	5.0	7.3	6.7	6.0	6.3
ISI AP-5	7.3	7.0	6.3	5.0	4.3	6.2
PICK CB 13-94	6.7	6.0	7.0	6.0	5.0	6.2
IMPERIAL	7.0	6.7	7.0	4.7	4.7	6.1
PENN G-6	6.7	5.3	7.7	6.3	4.7	6.1
SYN 96-3	7.3	5.7	7.3	5.0	4.3	6.0
ABT-CRB-1	4.7	5.7	7.3	6.7	5.7	5.9
BRIGHTON (SRX 1120)	5.3	6.0	7.0	5.3	4.7	5.7
BAR CB 8US3	6.0	7.0	6.7	4.0	3.7	5.6
SYN 96-1	6.3	5.0	7.3	5.0	4.3	5.6
CRENSHAW	6.7	6.0	6.3	4.0	3.7	5.5
PROVIDENCE	4.3	6.7	6.3	5.0	5.0	5.5
BACKSPIN	5.7	5.3	6.7	5.0	4.3	5.4
BENGAL (BAR AS 8FUS2)	5.0	5.7	7.0	5.0	4.7	5.4
PENN A-4	5.3	5.0	6.3	5.7	4.7	5.4
SYN 96-2	6.0	5.7	7.0	4.0	3.7	5.4
SR 1119	4.7	6.0	6.0	5.3	4.0	5.2
CENTURY	5.7	5.3	6.3	4.0	3.7	5.1
LSD VALUE	3.9	3.2	3.1	1.6	1.6	1.3
C.V. (%)	25.2	17.9	15.5	16.2	18.4	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 62. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS 1/
AT LEXINGTON (WITHOUT FUNGICIDES), KY 2/
1999-2002 DATA 3/

NAME	JUNE 10 1999	JUNE 15 1999	JUNE 15 1999	2000	JUNE 01	JULY 01	AUG 01	2002	MEAN
CRENSHAW	19.7	27.3	26.0	27.0	68.3	15.0	21.7	15.0	25.3
IMPERIAL	15.7	26.0	24.0	27.0	38.3	20.7	33.3	17.7	24.3
SYN 96-2	19.0	23.3	21.3	24.3	41.7	21.7	35.0	18.3	24.2
BACKSPIN	18.0	26.0	20.3	19.7	55.0	19.3	23.0	20.0	23.4
CENTURY	20.0	26.7	26.7	18.3	45.0	14.7	24.0	21.3	23.0
BAR CB 8US3	15.3	25.7	24.3	19.3	55.0	13.3	23.0	13.0	21.1
BENGAL (BAR AS 8FUS2)	15.3	24.3	20.0	20.0	35.0	17.3	36.7	14.0	20.9
ABT-CRB-1	17.7	20.3	13.0	16.0	40.0	21.7	26.7	20.0	20.6
SRX 1NJH	13.3	21.7	13.3	14.7	48.3	12.3	26.3	22.3	20.5
SYN 96-1	13.7	22.3	15.0	17.3	36.7	15.0	33.3	17.0	19.9
SYN 96-3	14.3	21.0	18.0	16.0	35.0	16.3	28.3	18.3	19.7
PENNCROSS	2.7	16.7	5.0	17.3	46.7	21.7	38.3	16.7	19.4
BRIGHTON (SRX 1120)	8.0	20.0	12.7	16.7	45.0	12.7	22.7	19.0	19.0
PICK CB 13-94	8.3	18.7	13.0	12.0	36.7	23.3	35.0	18.0	18.8
PENN G-1	5.3	17.3	8.7	18.7	36.7	16.0	19.0	21.7	18.7
SR 1119	12.0	21.0	16.0	15.3	40.0	18.3	20.3	15.0	18.2
PROVIDENCE	13.7	21.7	18.3	18.3	50.0	11.3	9.0	12.3	18.0
SRX 1BPAA	3.7	15.7	9.3	14.7	26.7	19.3	25.0	20.0	17.0
PENNLINKS	3.0	17.7	6.3	12.7	27.7	19.0	35.0	17.3	16.6
ISI AP-5	9.0	21.0	13.0	16.0	35.0	12.0	17.3	13.0	16.2
PST-A2E	3.0	16.0	7.0	15.3	27.7	15.7	20.0	15.7	15.2
PENN A-1	2.3	14.3	5.0	16.0	18.3	13.0	20.0	20.0	15.1
PENN A-2	3.7	15.3	5.3	14.0	35.0	15.3	25.0	11.3	14.6
PENN G-6	5.0	11.7	8.3	18.7	23.3	8.3	17.3	10.7	13.5
VESPER (PICK MVB)	0.3	14.3	5.0	17.3	18.3	12.7	15.7	13.7	13.3
L-93	0.0	15.0	3.7	13.0	25.0	13.3	20.7	14.0	13.2
PENN A-4	9.0	12.7	9.3	13.7	17.7	12.3	9.7	15.0	13.1
SR 7200	1.3	0.3	0.0	5.3	22.7	15.0	19.7	16.7	10.4
BAVARIA	0.3	1.7	0.3	8.3	38.3	15.0	24.3	4.0	9.8
LSD VALUE	6.5	6.1	4.8	11.5	27.7	9.3	21.8	17.7	6.5
C.V. (%)	44.5	21.3	25.6	33.0	37.5	27.9	40.0	37.9	42.5

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

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

3/ DOLLAR SPOT CAUSED BY SCLEROTINIA HOMEOCARPA IN 2001.

TABLE 63. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
AT ORONO, ME 1/
1999-2002 DATA

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

NAME	SEPTEMBER	OCTOBER	MEAN
PENNCROSS	9.0	3.7	6.3
BAVARIA	8.3	4.0	6.2
VESPER (PICK MVB)	9.0	3.3	6.2
PENN A-1	8.7	3.3	6.0
SR 7200	8.7	3.3	6.0
PENNLINKS	8.0	3.7	5.8
SR 1119	8.3	3.3	5.8
ABT-CRB-1	8.0	3.3	5.7
SRX 1BPAA	7.7	3.7	5.7
SYN 96-2	7.7	3.7	5.7
BACKSPIN	7.7	3.3	5.5
PENN A-4	8.0	3.0	5.5
PROVIDENCE	7.7	3.3	5.5
SRX 1NJH	8.0	3.0	5.5
BRIGHTON (SRX 1120)	8.0	2.7	5.3
CENTURY	7.0	3.7	5.3
ISI AP-5	7.3	3.3	5.3
PENN G-1	7.7	3.0	5.3
SYN 96-1	7.0	3.7	5.3
BENGAL (BAR AS 8FUS2)	6.7	3.3	5.0
IMPERIAL	7.3	2.7	5.0
PENN A-2	7.0	3.0	5.0
PICK CB 13-94	6.3	3.7	5.0
SYN 96-3	6.7	3.3	5.0
PENN G-6	7.7	2.0	4.8
PST-A2E	6.7	3.0	4.8
CRENSHAW	7.0	2.3	4.7
L-93	6.7	2.7	4.7
BAR CB 8US3	6.0	2.0	4.0
LSD VALUE	4.4	3.5	2.4
C.V. (%)	18.1	30.3	15.6

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

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

3/ DOLLAR SPOT RATED IN 2002 ONLY.

TABLE 64. DOWNY MILDEW RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
1999-2002 DATA

DOWNY MILDEW RATINGS 1-9; 9=NO DISEASE 2/ 3/ 4/

NAME	WA4
BAVARIA	8.0
BENGAL (BAR AS 8FUS2)	7.7
BRIGHTON (SRX 1120)	7.7
ISI AP-5	7.7
CENTURY	7.3
IMPERIAL	7.3
PENN A-4	7.3
PENN G-1	7.3
PENNCROSS	7.3
SYN 96-1	7.3
ABT-CRB-1	7.0
BACKSPIN	7.0
BAR CB 8US3	7.0
L-93	7.0
PENN A-2	7.0
PENNLINKS	7.0
PROVIDENCE	7.0
PST-A2E	7.0
SR 1119	7.0
SRX 1BPAA	7.0
PENN G-6	6.7
SRX 1NJH	6.7
VESPER (PICK MVB)	6.7
CRENSHAW	6.3
SR 7200	6.3
SYN 96-2	6.3
PENN A-1	6.0
PICK CB 13-94	6.0
SYN 96-3	6.0
LSD VALUE	1.0
C.V. (%)	9.2

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

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

3/ DOWNY MILDEW RATED IN 2000 ONLY.

4/ DOWNY MILDEW CAUSED BY SCLEROPHTHORA MACROSPORA.

TABLE 65. PERCENT PINK SNOW MOLD RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN AT LEXINGTON (WITHOUT FUNGICIDES), KY
1999-2002 DATA 2/ 3/

NAME	MARCH	APRIL	MEAN
PENNCROSS	18.7	18.7	18.7
VESPER (PICK MVB)	5.3	17.0	11.2
PENNLINKS	11.7	10.3	11.0
PROVIDENCE	10.0	10.3	10.2
PENN G-6	9.3	10.7	10.0
SYN 96-3	6.7	12.7	9.7
SYN 96-2	5.0	12.7	8.8
PENN A-4	8.0	8.0	8.0
BRIGHTON (SRX 1120)	4.0	8.0	6.0
BENGAL (BAR AS 8FUS2)	2.7	8.7	5.7
BAR CB 8US3	0.7	10.0	5.3
PENN G-1	3.7	5.7	4.7
BACKSPIN	1.7	7.3	4.5
CENTURY	1.3	7.7	4.5
PENN A-2	4.7	4.0	4.3
SYN 96-1	1.0	7.3	4.2
SR 7200	3.3	4.3	3.8
PICK CB 13-94	3.3	4.0	3.7
SRX 1NJH	1.0	6.0	3.5
ISI AP-5	1.0	5.7	3.3
SR 1119	0.7	5.7	3.2
SRX 1BPAA	1.0	4.7	2.8
L-93	0.7	4.3	2.5
BAVARIA	0.7	4.0	2.3
IMPERIAL	0.7	4.0	2.3
PST-A2E	1.0	2.7	1.8
CRENSHAW	1.0	2.3	1.7
ABT-CRB-1	0.0	1.7	0.8
PENN A-1	0.3	1.3	0.8
LSD VALUE	5.9	6.2	5.0
C.V. (%)	93.8	50.8	55.7

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/ PERCENT PINK SNOW MOLD RATED IN 1999 ONLY.

TABLE 66. BROWN PATCH RATINGS OF BENTGRASS CULTIVARS
AT ORONO, ME 1/
1999-2002 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/							
NAME	JULY 00	AUG 00	MAY 01	JULY 01	AUG 01	OCT 01	MEAN
VESPER (PICK MVB)	9.0	9.0	9.0	9.0	9.0	9.0	9.0
SR 7200	8.7	9.0	9.0	9.0	9.0	9.0	8.9
SYN 96-2	6.3	8.3	8.7	5.0	9.0	8.7	7.6
PENN A-1	6.7	8.7	8.0	3.7	8.7	9.0	7.5
PENN G-6	5.7	8.3	8.7	5.0	8.3	9.0	7.4
ABT-CRB-1	5.7	8.3	7.3	6.0	7.7	9.0	7.3
SRX 1NJH	5.0	8.7	8.0	5.7	8.0	9.0	7.3
SYN 96-3	4.3	8.0	7.7	8.7	8.7	9.0	7.3
PENNCROSS	5.3	8.3	8.7	4.7	7.7	9.0	7.2
PENN G-1	5.7	8.3	8.0	4.0	8.3	8.3	7.1
CRENSHAW	5.3	8.3	7.0	2.7	8.3	8.7	6.8
PST-A2E	6.0	8.0	7.0	3.3	7.3	9.0	6.8
SYN 96-1	5.0	6.7	8.0	6.0	8.3	9.0	6.8
BENGAL (BAR AS 8FUS2)	4.7	8.0	6.0	6.3	7.0	9.0	6.7
PENN A-4	5.0	7.7	8.0	2.7	8.3	9.0	6.7
SRX 1BPAA	4.7	8.0	7.3	3.3	8.0	9.0	6.6
BACKSPIN	4.0	7.0	8.7	3.7	9.0	8.7	6.5
PICK CB 13-94	4.0	8.3	6.0	4.3	8.0	8.7	6.5
SR 1119	4.3	8.0	7.3	3.3	8.0	9.0	6.5
ISI AP-5	3.3	7.7	7.0	5.0	8.0	9.0	6.4
L-93	3.3	7.3	7.0	3.7	8.7	9.0	6.2
IMPERIAL	4.3	6.0	5.7	3.3	9.0	9.0	6.0
PENN A-2	5.3	7.7	4.0	3.3	6.0	9.0	6.0
PENNLINKS	3.0	7.0	6.0	4.0	8.3	8.7	5.9
CENTURY	4.3	6.3	4.0	4.3	7.0	9.0	5.7
BRIGHTON (SRX 1120)	3.3	6.3	6.7	2.0	8.0	8.7	5.6
BAVARIA	3.3	5.0	8.7	1.7	6.7	8.0	5.2
BAR CB 8US3	3.7	6.3	2.7	1.7	7.7	8.7	5.1
PROVIDENCE	3.0	6.0	3.3	1.7	6.7	8.3	4.8
LSD VALUE	3.2	2.4	3.8	2.5	3.6	1.3	1.2
C.V. (%)	33.7	15.4	27.4	35.6	15.4	4.8	15.7

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

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

TABLE 67. TAKE-ALL PATCH RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITH FUNGICIDES), WI 1/
2001 DATA

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

NAME	JUNE 13	JUNE 18	MEAN
BAR CB 8US3	9.0	9.0	9.0
ISI AP-5	9.0	9.0	9.0
VESPER (PICK MVB)	8.7	9.0	8.8
ABT-CRB-1	8.3	9.0	8.7
SYN 96-2	8.0	9.0	8.5
PENN A-4	8.0	8.0	8.0
PENN A-1	8.0	7.7	7.8
CRENSHAW	7.3	7.3	7.3
IMPERIAL	7.0	7.7	7.3
L-93	7.0	7.7	7.3
PENN A-2	7.0	7.7	7.3
PICK CB 13-94	7.0	7.7	7.3
SRX 1BPAA	7.0	7.7	7.3
SYN 96-3	7.0	7.7	7.3
SR 7200	6.0	8.0	7.0
SRX 1NJH	7.0	7.0	7.0
SYN 96-1	6.3	7.7	7.0
BAVARIA	6.0	7.7	6.8
PROVIDENCE	6.3	7.3	6.8
BENGAL (BAR AS 8FUS2)	6.7	6.7	6.7
CENTURY	7.0	6.3	6.7
PENNLINKS	6.7	6.3	6.5
PENNCROSS	5.3	7.0	6.2
BACKSPIN	5.3	6.7	6.0
PST-A2E	6.0	6.0	6.0
BRIGHTON (SRX 1120)	5.3	6.0	5.7
PENN G-6	5.7	5.7	5.7
SR 1119	5.0	6.0	5.5
PENN G-1	5.0	5.7	5.3
LSD VALUE	10.6	8.3	9.4
C.V. (%)	38.5	29.4	33.1

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

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

3/ TAKE-ALL PATCH RATED IN 2001 ONLY.

TABLE 68. TAKE-ALL PATCH RATINGS OF BENTGRASS CULTIVARS
AT MADISON (WITHOUT FUNGICIDES), WI 1/
2001 DATA

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

NAME	JUNE 13	JUNE 18	MEAN
ISI AP-5	9.0	9.0	9.0
BAR CB 8US3	9.0	8.7	8.8
SYN 96-2	8.7	9.0	8.8
CRENSHAW	8.7	8.7	8.7
VESPER (PICK MVB)	8.0	9.0	8.5
PENN A-1	8.0	7.7	7.8
PICK CB 13-94	7.7	8.0	7.8
ABT-CRB-1	7.7	7.7	7.7
PENN A-4	7.7	7.7	7.7
SR 7200	7.3	8.0	7.7
IMPERIAL	7.0	7.7	7.3
L-93	7.3	7.3	7.3
SRX 1BPAA	7.3	7.3	7.3
SYN 96-3	7.0	7.7	7.3
PENN G-6	7.0	7.3	7.2
BENGAL (BAR AS 8FUS2)	7.3	6.7	7.0
CENTURY	7.0	7.0	7.0
PROVIDENCE	7.7	6.3	7.0
SRX 1NJH	7.0	7.0	7.0
BAVARIA	6.3	7.3	6.8
PENN A-2	6.3	7.3	6.8
SYN 96-1	6.3	7.3	6.8
PENNLINKS	6.7	6.7	6.7
BACKSPIN	6.0	6.3	6.2
PST-A2E	6.0	6.0	6.0
PENN G-1	6.0	5.7	5.8
PENNCROSS	5.0	6.7	5.8
SR 1119	5.3	6.0	5.7
BRIGHTON (SRX 1120)	5.7	4.7	5.2
LSD VALUE	10.5	8.5	9.4
C.V. (%)	35.6	30.1	31.9

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

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

3/ TAKE-ALL PATCH RATED IN 2001 ONLY.

TABLE 69. COLOR RATINGS OF BENTGRASS CULTIVARS
AT AUBURN, AL 1/
2001 DATA

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

NAME	JUNE	SEPTEMBER	OCTOBER	MEAN
SRX 1BPAA	6.3	7.3	9.0	7.6
SRX 1NJH	6.7	7.3	8.7	7.6
SYN 96-2	7.7	7.7	7.0	7.4
BRIGHTON (SRX 1120)	6.3	7.3	7.3	7.0
CRENSHAW	6.7	7.0	7.3	7.0
PENN A-4	7.0	7.3	6.7	7.0
PENN G-1	6.7	6.7	7.0	6.8
PROVIDENCE	5.7	7.3	7.3	6.8
SR 1119	5.7	7.0	7.7	6.8
BENGAL (BAR AS 8FUS2)	6.0	6.3	7.0	6.4
ISI AP-5	6.0	6.7	6.7	6.4
L-93	5.7	6.3	7.3	6.4
PENN A-2	7.0	5.7	6.7	6.4
BAR CB 8US3	5.3	6.3	7.3	6.3
PICK CB 13-94	6.0	6.3	6.7	6.3
PENNCROSS	5.0	7.3	6.3	6.2
PST-A2E	5.7	6.0	7.0	6.2
PENN A-1	5.7	6.7	6.0	6.1
CENTURY	5.3	6.3	6.3	6.0
PENNLINKS	5.0	6.7	6.3	6.0
PENN G-6	6.3	5.3	6.0	5.9
IMPERIAL	5.3	6.0	6.0	5.8
VESPER (PICK MVB)	5.0	5.0	6.3	5.4
ABT-CRB-1	5.0	4.7	6.3	5.3
BACKSPIN	4.7	5.3	6.0	5.3
SYN 96-1	5.3	5.3	5.3	5.3
SYN 96-3	5.0	5.0	6.0	5.3
SR 7200	4.7	3.7	4.7	4.3
BAVARIA	2.7	3.3	5.0	3.7
LSD VALUE	1.4	1.5	1.5	1.1
C.V. (%)	14.9	14.9	13.0	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/ COLOR RATED IN 2001 ONLY.

APPENDIX TABLE. SUMMARY OF TURFGRASS QUALITY RATINGS FOR BENTGRASS CULTIVARS
IN THE 1998 NATIONAL BENTGRASS (PUTTING GREEN) TEST */
1999-2002 DATA

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

NAME	ALL LOCATIONS		STATISTICS FOR ALL LOCATIONS				
	MEAN 1/	RANK 2/	SUM OF RANKS 3/	RANK 4/	HIGHEST RANK 5/	LOWEST RANK 6/	MAXIMUM IN TOP 25% 7/
ABT-CRB-1	5.8	17	415	21	4	28	8.3
BACKSPIN	5.7	24	494	25	15	27	0.0
BAR CB BUS3	5.8	21	412	20	1	28	16.7
BAVARIA	4.0	29	690	29	27	29	0.0
BENGAL (BAR AS 8FUS2)	6.1	10	285	10	2	27	25.0
BRIGHTON (SRX 1120)	5.8	18	391	15	5	26	8.3
CENTURY	5.9	15	402	18	2	27	8.3
CRENSHAW	5.7	22	423	22	5	26	12.5
IMPERIAL	5.9	14	379	14	4	25	4.2
ISI AP-5	6.0	12	305	12	2	25	16.7
L-93	6.2	5	193	5	1	25	50.0
PENN A-1	6.4	1	144	1	1	28	79.2
PENN A-2	6.3	4	172	3	1	24	58.3
PENN A-4	6.3	2	176	4	1	25	70.8
PENN G-1	6.3	3	154	2	1	14	62.5
PENN G-6	6.1	6	269	7	2	25	37.5
PENNCROSS	5.2	27	553	27	2	28	4.2
PENNLINKS	5.3	26	558	28	7	28	4.2
PICK CB 13-94	5.8	20	408	19	8	26	0.0
PROVIDENCE	5.7	23	468	24	3	28	4.2
PST-A2E	6.1	7	278	8	1	26	41.7
SR 1119	5.8	16	393	17	3	24	16.7
SR 7200	5.1	28	495	26	1	29	20.8
SRX 1BPAA	5.8	19	392	16	4	27	12.5
SRX 1NJH	5.9	13	359	13	3	29	25.0
SYN 96-1	6.1	9	260	6	1	21	29.2
SYN 96-2	6.1	11	288	11	1	25	29.2
SYN 96-3	6.1	8	280	9	1	26	25.0
VESPER (PICK MVB)	5.3	25	428	23	1	28	29.2
LSD VALUE	0.2						
C.V. (%)	8.9						

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

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

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

2/ RANK - RANKING OF THE MEAN OF ALL QUALITY RATINGS.

3/ SUM OF RANKS - A SUM OF ALL THE RANKINGS FROM THE VARIOUS LOCATIONS.

4/ RANK - THE RANKING OF THE SUM OF RANKS.

5/ HIGHEST RANK - THE HIGHEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.

6/ LOWEST RANK - THE LOWEST RANKING ACHIEVED BY THAT ENTRY AT ANY ONE LOCATION.

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