

NATIONAL TURFGRASS EVALUATION PROGRAM

The National Turfgrass Evaluation Program (NTEP) is designed to develop and coordinate uniform evaluation trials of turfgrass varieties and promising selections in the United States and Canada. Test results can be used by national companies and plant breeders to determine the broad picture of the adaptation of a cultivar. Results can also be used to determine if a cultivar is well adapted to a local area or level of turf maintenance.

Briefly, the NTEP is a self-supporting, non-profit program, sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. Program policy is made by a policy committee consisting of one member from each of the four (4) Regional Turfgrass Research Committees in the United States, one member from the Lawn Seed Division of the American Seed Trade Association, one member from the American Sod Producers Association, one member from the United States Golf Association (USGA) Green Section, one member from the Turfgrass Breeders Association, an executive director and a national program coordinator. The program does not make variety recommendations. However, the data from tests can be used by extension specialists and others for making recommendations.

The policy committee is responsible for determining program policy including, (1) requirements for submission of entries, (2) scheduling tests, (3) evaluation methods, (4) selecting standard or control test entries, (5) setting entry fees, (6) coordinating tests in their respective regions, (7) establishing guidelines for publication and data distribution and (8) scheduling committee meetings.

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LOCATIONS SUBMITTING DATA FOR 2000

<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
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	Cebeco 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.

2000 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	6.1-6.5	61-150	151-240	7.1-8.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
AZ1		8.6+	0-60	0-150	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
IA1	SILTY CLAY LOAM	7.1-7.5	0-60	241-375	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
IL1	SILT LOAM AND SILT	6.1-6.5	0-60	376-500	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
KS1	SILT LOAM AND SILT	6.6-7.0	151-270	241-375	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
KY1	SAND	6.6-7.0	0-60	151-240	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
KY2	SAND	-	-	-	-	FULL SUN	1/8-5/32	TO PREVENT STRESS
MA1	LOAM	6.1-6.5	151-270	241-375	5.1-6.0	FULL SUN	1/8-5/32	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	1/8-5/32	TO PREVENT STRESS
MO1	SAND	6.6-7.0	0-60	241-375	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
MT1	SILT LOAM AND SILT	7.1-7.5	61-150	501+	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
NE1	SAND	8.6+	61-150	241-375	5.1-6.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
NJ1	SAND	6.6-7.0	0-60	0-150	4.1-5.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
NY1	SANDY LOAM	6.1-6.5	151-270	241-375	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
OK1	SAND	7.6-8.5	0-60	0-150	5.1-6.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
PA1	LOAMY SAND	6.6-7.0	61-150	0-150	4.1-5.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
RI1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
RI2	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
SC2	-	-	-	-	-	-	-	-
TX1	SAND	7.6-8.5	0-60	0-150	6.1-7.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
UT1	SAND	6.6-7.0	61-150	0-150	4.1-5.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
VA1	SAND	5.6-6.0	0-60	0-150	5.1-6.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
WA3	SAND	6.1-6.5	0-60	151-240	6.1-7.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
WA4	SAND	6.1-6.5	0-60	151-240	6.1-7.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
WI1	SANDY LOAM	7.1-7.5	61-150	241-375	2.1-3.0	FULL SUN	1/8-5/32	TO PREVENT STRESS
WI2	SANDY LOAM	7.1-7.5	61-150	241-375	2.1-3.0	FULL SUN	1/8-5/32	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 2000

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	
IL1				X	X	X	X	X	X	X			X	X	
KS1				X	X	X	X	X	X				X		
KY1			X	X	X	X	X	X	X	X			X		
KY2			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		
MI1				X	X	X	X	X	X	X	X		X	X	X
MO1			X	X	X	X	X	X	X	X			X	X	
MT1				X	X	X	X	X	X	X			X	X	X
NE1				X	X	X	X	X	X				X	X	
NJ1				X	X	X	X	X	X	X	X		X	X	
NY1				X	X	X	X	X	X	X			X	X	
OK1			X	X	X	X	X	X	X	X	X		X	X	X
PA1					X	X	X	X	X	X			X	X	
RI1				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
UT1				X	X	X	X	X	X	X			X		
VA1			X	X	X	X	X	X	X	X	X		X	X	
WA3	X	X	X	X	X	X		X	X		X	X	X	X	
WA4	X	X	X	X	X	X		X	X		X	X			
WI1							X								
WI2				X	X	X	X	X	X	X			X	X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2000

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE WILTING	DROUGHT TOLERANCE DORMANCY	DROUGHT TOLERANCE RECOVERY	THATCH MEASUREMENTS	LEAF SPOT	DOLLAR SPOT	BROWN PATCH (WARM TEMP.)
AL1												X			
AZ1	X	X	X	X	X	X	X		X	X	X	X			
IA1	X														
IL1	X	X	X												X
KS1															X
KY1	X	X	X												
KY2	X	X	X												
MA1															
ME1															X
MI1	X	X	X	X	X	X									
MO1				X	X										X
MT1	X	X	X												
NE1	X	X	X												
NJ1		X													X
NY1								X							X
OK1	X	X	X	X	X	X	X								X
PA1	X												X		X
RI1															X
RI2															X
SC2															
TX1	X	X	X												
UT1															
VA1		X	X				X			X	X				X
WA3	X	X	X												
WA4															
WI1		X													X
WI2	X	X	X												

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 2000

LOCATION	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER	FALL COLOR DECEMBER	PERCENT DOLLAR SPOT	SCALPING RATINGS AUGUST	DOWNY MILDEW	THATCH RATINGS	ROOT KNOT NEMATODES	BROWN PATCH JULY	BROWN PATCH AUGUST	DOLLAR SPOT MAY	DOLLAR SPOT JUNE	DOLLAR SPOT JULY	DOLLAR SPOT AUGUST	DOLLAR SPOT SEPTEMBER
AL1		X			X											
AZ1	X	X	X	X												
IA1																
IL1																
KS1																
KY1																
KY2					X											
MA1																
ME1										X	X					
MI1													X	X		
MO1									X							
MT1																
NE1																
* NJ1																
NY1					X											
OK1																
PA1												X				X
RI1																
RI2																
SC2																
TX1						X			X							
UT1																
VA1																
WA3																
WA4									X							
WI1														X	X	X
WI2																

* MORE DOLLAR SPOT DATA FOR NJ1 IN TABLE 43.

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT TWENTY-THREE LOCATIONS IN THE U.S. 1/
2000 DATA

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

NAME	AL1	AZ1	IA1	IL1	KS1	KY1	MA1	ME1	MI1	MO1	MT1	NE1	NJ1	NY1	OK1	PA1	RI1	SC2	TX1	UT1	VA1	WA3	WI1	MEAN
* PENN A-1	6.7	6.5	6.6	4.8	5.8	7.1	6.3	6.9	7.3	5.1	6.0	7.5	7.1	5.9	7.2	6.6	7.8	7.9	6.4	4.7	6.3	5.8	5.0	6.4
* PENN A-4	6.7	7.3	6.9	4.8	5.1	6.3	6.3	6.6	7.0	4.9	6.2	7.2	6.5	5.9	7.0	7.2	7.7	7.9	6.4	5.6	5.6	6.0	5.0	6.4
* PENN G-1	6.5	6.9	6.2	4.8	6.1	7.2	6.3	6.8	7.0	6.1	5.6	7.1	6.5	6.1	7.0	6.8	7.3	7.7	6.3	5.0	6.1	5.9	4.3	6.3
* PENN A-2	6.7	6.7	6.7	5.0	5.7	7.8	6.3	6.7	7.3	5.7	5.7	6.9	6.1	6.0	6.9	6.7	7.6	7.9	5.9	4.6	6.4	5.7	3.7	6.3
* L-93	6.4	6.6	6.4	4.8	6.1	7.0	6.3	6.4	7.1	5.9	5.8	6.9	6.3	6.0	7.0	6.9	7.8	7.8	5.7	5.3	5.8	5.3	4.0	6.2
PST-A2E	6.9	6.0	6.5	4.3	5.5	6.6	6.0	7.0	7.1	5.7	5.7	6.7	6.5	5.8	6.9	6.8	7.6	7.7	5.6	5.0	6.3	5.9	4.7	6.2
SYN 96-3	5.9	5.6	7.4	4.2	4.7	5.6	5.5	6.9	6.8	5.6	6.2	7.7	6.0	5.7	6.6	7.4	7.6	7.6	6.0	6.5	6.4	5.7	4.0	6.2
* PENN G-6	6.2	6.2	6.3	4.7	5.8	6.5	6.4	6.8	6.8	5.6	5.4	6.9	6.1	6.1	7.0	7.2	7.8	7.5	5.6	4.8	5.8	5.8	3.3	6.1
SYN 96-1	5.8	5.5	6.9	4.4	4.7	6.1	6.0	6.7	6.8	5.3	6.6	6.9	5.9	6.0	6.3	7.3	7.3	7.9	5.6	5.7	6.3	5.7	4.0	6.1
* BENGAL (BAR AS 8FUS2)	6.7	7.0	6.9	4.8	5.1	6.5	6.2	6.9	6.7	5.8	5.7	7.1	5.3	5.7	6.7	7.1	6.8	7.7	5.6	4.8	5.2	5.6	4.0	6.1
SYN 96-2	5.3	5.8	7.6	4.3	4.4	6.1	5.9	6.8	6.3	5.1	6.2	7.4	5.7	6.1	6.2	7.1	7.7	7.6	5.4	5.8	6.1	5.4	5.0	6.1
ISI AP-5	6.4	6.8	6.4	4.6	5.3	6.5	5.9	6.5	6.5	5.3	5.6	6.8	5.3	5.7	6.9	6.9	6.3	7.6	5.9	4.3	5.6	5.7	5.0	6.0
SRX 1NJH	6.2	5.9	5.9	4.2	5.2	7.0	6.2	7.3	6.7	4.4	5.6	6.2	5.8	6.1	6.9	6.7	6.7	7.7	5.4	4.5	6.3	5.6	4.3	5.9
* CENTURY	6.5	6.4	7.0	4.8	4.4	6.1	5.7	6.3	6.2	5.4	5.9	6.7	5.0	5.7	6.1	7.3	6.3	7.6	5.7	4.9	5.6	5.4	4.3	5.9
* IMPERIAL	5.8	6.3	6.7	4.5	4.8	6.3	6.0	6.3	6.6	4.9	5.9	6.5	5.2	5.4	6.3	6.7	6.8	7.6	5.6	4.6	5.8	5.3	4.0	5.8
SRX 1BPAA	6.2	6.2	5.3	4.2	5.1	6.8	5.6	7.1	6.7	4.7	5.5	6.3	4.8	6.1	6.6	6.3	7.0	7.7	4.9	4.9	5.6	5.7	4.7	5.8
ABT-CRB-1	4.8	4.9	6.8	4.3	4.9	6.3	5.3	7.0	7.0	3.6	5.6	8.1	6.0	5.8	6.6	6.3	7.1	7.4	5.9	5.1	5.1	5.3	4.7	5.8
* SR 1119	5.6	6.0	5.8	4.7	5.2	6.9	5.8	6.6	6.5	5.3	5.6	6.4	5.4	6.0	6.7	6.9	6.3	7.7	5.3	4.4	5.3	5.4	3.7	5.8
* BRIGHTON (SRX 1120)	6.1	6.1	5.6	4.5	5.1	6.3	6.1	6.4	6.7	5.4	5.0	6.4	5.3	6.0	6.6	6.4	6.8	7.7	4.9	4.5	5.3	5.7	4.3	5.8
PICK CB 13-94	6.1	6.2	5.7	4.7	5.3	5.9	6.1	6.7	6.4	5.3	5.7	6.2	4.5	6.0	6.6	6.2	6.7	7.4	5.4	4.1	6.1	5.0	4.7	5.8
BAR CB 8US3	6.4	6.6	6.3	4.4	4.8	5.8	6.0	6.2	6.1	5.9	4.9	6.6	5.0	5.7	6.4	6.2	5.8	7.9	4.9	4.6	5.1	5.7	4.7	5.7
* CRENSHAW	5.4	6.2	7.0	4.1	4.2	5.9	5.9	6.7	5.7	5.8	5.7	5.9	5.2	5.9	6.2	5.5	6.1	7.8	4.7	5.1	5.9	4.9	5.0	5.7
* BACKSPIN	6.1	6.1	6.4	4.3	4.7	6.1	5.8	6.3	6.0	5.4	5.7	5.9	5.4	5.7	6.3	6.2	6.0	7.7	5.5	4.3	5.4	5.2	4.0	5.7
* PROVIDENCE	5.6	6.1	6.3	5.0	4.7	5.8	5.8	6.2	6.2	4.5	5.0	6.3	5.1	5.5	6.5	6.2	6.8	7.8	5.1	4.8	5.0	5.6	4.3	5.7
* VESPER (PICK MVB)	5.3	4.4	4.5	3.5	5.1	4.8	7.2	8.7	7.5	4.2	5.7	2.8	6.3	6.0	4.8	4.6	7.5	7.3	3.3	2.5	6.2	6.9	5.0	5.4
* SR 7200	4.8	3.8	4.4	4.0	5.1	4.6	7.0	8.4	6.8	4.8	5.0	2.5	6.6	5.7	4.1	4.1	8.0	7.4	3.7	2.6	6.1	6.8	3.7	5.2
* PENNLINKS	5.5	5.4	5.3	4.1	5.1	5.5	6.2	5.9	6.3	5.2	5.1	5.3	3.1	5.7	6.1	5.5	5.0	7.3	4.7	3.1	5.1	4.6	3.7	5.2
* PENNCROSS	5.1	5.0	5.1	4.3	5.3	4.8	5.9	6.1	6.3	5.2	5.1	5.2	3.2	6.1	6.1	5.4	4.6	7.2	4.9	3.0	5.5	4.5	3.7	5.1
* BAVARIA	3.6	3.9	4.2	3.1	5.4	4.7	5.5	4.8	5.8	4.1	4.1	3.0	2.1	4.9	2.8	1.4	4.3	7.1	3.1	2.0	4.3	3.5	2.7	3.9
LSD VALUE	0.9	0.8	0.9	0.6	0.7	0.8	0.5	0.5	0.5	1.1	0.7	0.9	0.8	0.9	0.3	0.9	1.0	0.2	0.8	0.8	0.8	0.5	1.9	0.2
C.V. (%)	9.9	8.8	8.7	8.4	8.9	8.4	5.0	4.9	4.7	13.3	7.6	9.3	8.9	10.1	3.3	8.9	8.8	1.9	8.9	11.4	8.6	5.3	28.2	9.1

* COMMERCIALY AVAILABLE IN THE USA IN 2001.

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER 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 FOR EACH MONTH GROWN
ON A GREEN AT TWENTY-THREE LOCATIONS IN THE U.S. 1/
2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PENN A-1	6.2	7.0	6.6	6.4	6.2	6.7	6.6	6.5	6.6	6.1	6.6	7.3	6.4
PENN A-4	7.2	7.3	6.9	6.4	6.3	6.5	6.4	6.3	6.5	6.1	6.5	6.9	6.4
PENN G-1	6.3	6.9	6.7	6.3	6.1	6.5	6.4	6.3	6.7	6.4	6.7	7.1	6.3
PENN A-2	6.6	6.9	6.9	6.4	6.2	6.6	6.5	6.2	6.5	6.2	6.5	6.8	6.3
L-93	6.2	6.7	6.4	6.1	6.0	6.3	6.3	6.4	6.7	6.4	6.7	6.5	6.2
PST-A2E	6.0	6.3	6.6	6.4	6.2	6.6	6.2	6.2	6.4	6.0	6.4	6.2	6.2
SYN 96-3	5.7	6.1	6.4	6.2	6.1	6.4	6.3	6.5	6.4	5.9	6.0	6.1	6.2
PENN G-6	5.6	6.3	6.4	6.2	5.8	6.4	6.2	6.4	6.4	6.4	6.2	6.4	6.1
SYN 96-1	6.0	6.3	6.3	6.4	6.0	6.3	6.2	6.1	6.2	5.9	5.7	5.8	6.1
BENGAL (BAR AS 8FUS2)	6.5	6.9	6.5	6.0	5.9	6.2	6.2	6.3	6.2	6.0	6.1	6.4	6.1
SYN 96-2	5.5	6.0	6.2	6.0	6.0	6.2	6.1	6.2	6.2	6.0	5.7	5.7	6.1
ISI AP-5	5.8	6.6	6.6	6.0	5.8	6.0	6.0	6.1	6.3	6.0	6.4	6.7	6.0
SRX 1NJH	5.3	6.2	6.5	6.0	5.8	6.0	6.1	6.0	6.3	6.0	6.3	6.1	5.9
CENIURY	6.3	6.6	6.5	6.0	5.7	5.9	6.0	6.1	6.0	5.7	5.7	6.1	5.9
IMPERIAL	5.5	6.5	6.3	5.9	5.6	6.0	5.9	5.8	6.0	5.8	5.9	6.3	5.8
SRX 1BPAA	5.5	6.5	6.1	5.9	5.6	6.0	5.8	5.8	6.0	5.8	6.2	6.5	5.8
ABT-CRB-1	5.3	6.2	5.9	6.0	5.9	6.1	5.9	5.8	6.0	5.5	5.3	5.6	5.8
SR 1119	5.5	6.2	6.3	5.9	5.7	5.9	6.0	6.0	6.0	5.7	5.9	5.9	5.8
BRIGHTON (SRX 1120)	5.8	6.5	6.1	5.9	5.7	5.9	5.7	5.9	6.2	5.7	5.8	6.3	5.8
PICK CB 13-94	5.1	6.1	6.1	5.9	5.5	6.0	5.9	5.8	5.8	5.7	6.1	6.1	5.8
BAR CB 8US3	6.3	6.7	6.4	5.8	5.3	5.7	5.7	6.0	6.0	5.7	5.9	6.3	5.7
CRENSHAW	5.0	5.9	5.9	5.7	5.3	5.7	6.0	6.0	6.0	5.6	5.4	5.9	5.7
BACKSPIN	5.9	6.5	6.2	5.7	5.4	5.9	5.9	5.9	5.9	5.4	5.7	5.9	5.7
PROVIDENCE	5.8	6.3	6.1	5.9	5.6	5.7	5.7	5.6	5.8	5.6	5.8	6.2	5.7
VESEER (PICK MVB)	5.3	5.7	5.9	5.4	5.4	5.6	5.3	5.2	5.3	5.3	5.6	6.6	5.4
SR 7200	4.6	5.9	5.7	5.4	5.2	5.4	5.0	5.1	5.2	5.3	5.9	6.8	5.2
PENNLINKS	4.7	5.6	5.7	5.2	4.8	5.2	5.2	5.5	5.5	5.2	5.6	5.8	5.2
PENNCROSS	4.7	5.8	5.7	5.3	4.8	5.1	5.1	5.2	5.5	5.0	5.3	5.9	5.1
BAVARIA	3.3	4.6	4.5	4.3	3.9	4.0	3.8	4.0	3.9	4.0	4.2	5.4	4.0
LSD VALUE	0.9	0.9	0.7	0.5	0.5	0.4	0.5	0.5	0.5	0.6	0.7	1.0	0.4
C.V. (%)	22.0	19.0	20.0	23.6	23.7	21.1	23.6	24.0	23.2	28.0	24.3	21.6	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.

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN
ON GREEN AT TWENTY-THREE LOCATIONS IN THE U.S. 1/
2000 DATA

QUALITY RANKINGS; 1=HIGHEST MEAN; STATE LOCATIONS REPORTING 2/

NAME	AL1	AZ1	IA1	IL1	KS1	KY1	MA1	ME1	MI1	MO1	MT1	NE1	NJ1	NY1	OK1	PA1	RI1	SC2	TX1	UT1	VA1	WA3	WI1	MEAN
PENN A-1	3	8.0	11.0	7.0	3.0	3.0	5.0	7.5	3.0	20.0	5.0	3.0	1.0	15.0	1.0	16.0	2.5	4.5	1.0	15.0	5.5	7.0	3.5	1
PENN A-4	2	1.0	6.0	7.0	15.0	12.0	5.0	17.0	6.0	21.0	2.5	5.0	3.5	15.0	2.5	4.5	5.5	1.0	2.0	4.0	18.0	3.0	3.5	2
PENN G-1	6	3.0	19.0	3.0	1.5	2.0	7.0	12.0	7.5	1.0	16.5	7.0	5.0	2.5	4.5	12.0	11.0	12.0	3.0	8.0	9.5	4.0	14.0	3
PENN A-2	4	5.0	9.0	1.0	5.0	1.0	5.0	15.5	2.0	6.0	10.5	9.5	8.5	12.5	6.0	13.0	8.5	2.0	5.0	18.0	2.0	11.5	25.0	4
L-93	10	7.0	14.0	7.0	1.5	4.5	8.0	21.0	4.5	3.0	8.0	8.0	7.0	10.0	2.5	9.5	4.0	8.0	8.0	5.0	15.0	22.5	19.5	5
PST-A2E	1	19.0	12.0	19.5	6.0	8.0	14.0	5.5	4.5	7.0	14.0	13.0	3.5	18.0	9.0	11.0	8.5	15.0	14.0	9.0	5.5	5.0	9.0	6
SYN 96-3	17	22.0	2.0	23.5	25.0	24.0	27.0	9.0	11.5	8.5	2.5	2.0	11.0	23.0	14.5	1.0	7.0	18.0	4.0	1.0	1.0	11.5	19.5	7
PENN G-6	12	13.0	16.0	10.0	4.0	10.0	3.0	10.5	11.5	8.5	22.0	9.5	8.5	2.5	4.5	4.5	2.5	22.0	10.0	12.5	13.5	6.0	28.0	8
SYN 96-1	19	23.0	5.0	15.5	25.0	18.0	16.0	15.5	9.5	15.0	1.0	11.0	12.0	7.5	19.5	2.0	12.0	4.5	12.5	3.0	4.0	8.5	19.5	9
BENGAL (BAR AS 8FUS2)	5	2.0	7.0	4.5	15.0	10.0	10.5	7.5	15.0	5.0	14.0	6.0	17.5	23.0	10.5	6.0	16.0	13.0	12.5	12.5	24.0	16.0	19.5	10
SYN 96-2	25	21.0	1.0	19.5	27.5	16.0	19.0	10.5	21.5	19.0	4.0	4.0	14.0	2.5	22.0	7.0	5.5	21.0	16.0	2.0	9.5	18.0	3.5	11
ISI AP-5	9	4.0	14.0	12.0	9.5	10.0	19.0	19.0	19.0	13.5	19.0	12.0	17.5	19.0	7.5	8.0	21.5	19.5	7.0	22.0	18.0	11.5	3.5	12
SRX 1NJH	13	20.0	20.0	22.0	11.0	4.5	9.0	3.0	13.0	26.0	19.0	21.5	13.0	2.5	7.5	14.5	20.0	15.0	18.0	20.0	3.0	17.0	14.0	13
CENTURY	7	9.0	3.5	4.5	27.5	18.0	25.0	22.5	24.5	10.5	6.5	14.0	23.0	23.0	26.0	3.0	21.5	19.5	9.0	10.0	16.0	19.5	14.0	14
IMPERIAL	18	10.0	10.0	13.5	22.0	13.0	16.0	24.0	17.0	22.0	6.5	16.0	20.5	28.0	19.5	14.5	16.0	17.0	11.0	16.0	13.5	21.0	19.5	15
SRX 1BPAA	11	13.0	24.5	23.5	18.0	7.0	26.0	4.0	15.0	24.0	21.0	19.5	25.0	6.0	12.5	18.0	14.0	15.0	24.0	11.0	18.0	11.5	9.0	16
ABT-CRB-1	27	26.0	8.0	19.5	20.0	14.5	29.0	5.5	7.5	29.0	19.0	1.0	10.0	17.0	16.0	19.0	13.0	23.5	6.0	7.0	26.0	22.5	9.0	17
SR 1119	21	18.0	21.0	11.0	12.0	6.0	23.5	18.0	18.0	13.5	16.5	17.5	15.0	10.0	10.5	9.5	23.0	9.5	19.0	21.0	23.0	19.5	25.0	18
BRIGHTON (SRX 1120)	15	16.5	23.0	13.5	15.0	14.5	13.0	20.0	15.0	10.5	27.0	17.5	19.0	10.0	12.5	17.0	18.0	9.5	23.0	19.0	22.0	14.0	14.0	19
PICK CB 13-94	14	13.0	22.0	9.0	8.0	20.0	12.0	13.0	20.0	16.0	14.0	21.5	26.0	12.5	14.5	22.5	19.0	23.5	17.0	24.0	9.5	25.0	9.0	20
BAR CB 8US3	8	6.0	18.0	15.5	21.0	22.5	16.0	26.0	26.0	2.0	28.0	15.0	24.0	23.0	18.0	22.5	26.0	3.0	21.0	17.0	27.0	8.5	9.0	21
CRENSHAW	23	11.0	3.5	25.5	29.0	21.0	21.0	14.0	29.0	4.0	10.5	23.0	20.5	15.0	23.0	24.5	24.0	7.0	25.0	6.0	12.0	26.0	3.5	22
BACKSPIN	16	15.0	14.0	17.0	23.0	18.0	23.5	22.5	27.0	12.0	10.5	24.0	16.0	23.0	21.0	20.0	25.0	11.0	15.0	23.0	21.0	24.0	19.5	23
PROVIDENCE	20	16.5	17.0	2.0	25.0	22.5	22.0	25.0	24.5	25.0	25.0	19.5	22.0	27.0	17.0	21.0	16.0	6.0	20.0	14.0	28.0	15.0	14.0	24
VESPER (PICK MVB)	24	27.0	27.0	28.0	13.0	27.0	1.0	1.0	1.0	27.0	10.5	28.0	6.0	7.5	27.0	27.0	10.0	27.0	28.0	28.0	7.0	1.0	3.5	25
SR 7200	28	29.0	28.0	27.0	19.0	29.0	2.0	2.0	9.5	23.0	26.0	29.0	2.0	23.0	28.0	28.0	1.0	25.0	27.0	27.0	9.5	2.0	25.0	26
PENNLINKS	22	24.0	24.5	25.5	17.0	25.0	10.5	28.0	23.0	17.5	23.5	25.0	28.0	23.0	24.0	24.5	27.0	26.0	26.0	25.0	25.0	27.0	25.0	27
PENNCROSS	26	25.0	26.0	19.5	9.5	26.0	19.0	27.0	21.5	17.5	23.5	26.0	27.0	5.0	25.0	26.0	28.0	28.0	22.0	26.0	20.0	28.0	25.0	28
BAVARIA	29	28.0	29.0	29.0	7.0	28.0	28.0	29.0	28.0	28.0	29.0	27.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29

1/ THIS TABLE CONTAINS NO STATISTICAL VALUES (LSD VALUES) THEREFORE IT SHOULD ONLY BE USED TO DETERMINE THE GENERAL PERFORMANCE OF AN ENTRY OR ENTRIES ACROSS SEVERAL LOCATIONS OR REGIONS. TO ASSESS STATISTICAL DIFFERENCES AMONG ENTRIES, REFER TO THE MEANS AND LSD VALUES FOUND IN TABLE 1.

2/ RANKING OF MEAN TURFGRASS QUALITY IS ACHIEVED BY ASSIGNING "1" TO THE HIGHEST MEAN, "2" TO THE SECOND HIGHEST MEAN, ETC. FOR EACH LOCATION. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON A GREEN AT FOUR LOCATIONS WITHOUT FUNGICIDES IN THE U.S. 1/ 2000 DATA

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

NAME	KY2	RI2	WA4	WI2	MEAN
PENN A-1	7.4	4.2	5.5	4.8	5.5
SR 7200	4.8	5.8	6.1	4.8	5.4
L-93	7.6	4.2	5.1	4.5	5.4
PST-A2E	7.3	4.1	5.4	4.6	5.3
PENN G-6	7.0	4.7	5.3	4.3	5.3
SRX 1BPAA	7.0	4.2	5.5	4.4	5.3
PENN A-4	6.8	3.9	5.7	4.6	5.2
PENN A-2	7.8	3.2	5.6	4.2	5.2
VESPER (PICK MVB)	5.3	3.8	6.6	5.0	5.2
PENN G-1	7.4	3.7	5.3	4.2	5.2
SR 1119	6.9	4.3	5.2	4.2	5.1
ISI AP-5	6.5	3.8	5.4	4.7	5.1
SRX 1NJH	6.9	3.5	5.4	4.2	5.0
ABT-CRB-1	6.8	3.6	5.1	4.4	5.0
BACKSPIN	6.5	4.3	4.8	4.0	4.9
BRIGHTON (SRX 1120)	6.3	3.5	5.3	4.4	4.9
PROVIDENCE	6.3	3.8	5.4	4.0	4.9
SYN 96-1	6.0	4.1	5.4	3.9	4.8
CRENSHAW	5.9	4.6	4.8	4.0	4.8
PICK CB 13-94	6.1	3.7	4.9	4.6	4.8
SYN 96-3	6.2	3.9	5.1	4.0	4.8
BENGAL (BAR AS 8FUS2)	6.3	3.2	5.2	4.4	4.8
BAR CB 8US3	6.0	3.5	5.5	4.1	4.8
IMPERIAL	6.5	3.5	5.0	3.9	4.7
PENNLINKS	6.0	4.2	4.5	4.1	4.7
CENTURY	6.3	3.2	5.1	4.1	4.7
SYN 96-2	6.2	3.2	5.0	4.2	4.7
PENNCROSS	5.1	3.3	4.5	4.3	4.3
BAVARIA	4.8	3.9	3.4	3.8	4.0
LSD VALUE	0.6	0.9	0.4	0.7	0.3
C.V. (%)	6.2	14.9	4.9	10.2	8.7

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

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

TABLE 5.

MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A SAND GREEN AT THIRTEEN LOCATIONS IN THE U.S. 1/
2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/													
	AL1	AZ1	KY1	MO1	NJ1	OK1	PA1	RI1	SC2	TX1	UT1	VA1	WA3	MEAN
PENN G-1	6.5	6.9	7.2	6.1	6.5	7.0	6.8	7.3	7.7	6.3	5.0	6.1	5.9	6.6
PENN A-1	6.7	6.5	7.1	5.1	7.1	7.2	6.6	7.8	7.9	6.4	4.7	6.3	5.8	6.5
PENN A-4	6.7	7.3	6.3	4.9	6.5	7.0	7.2	7.7	7.9	6.4	5.6	5.6	6.0	6.5
PENN A-2	6.7	6.7	7.8	5.7	6.1	6.9	6.7	7.6	7.9	5.9	4.6	6.4	5.7	6.5
L-93	6.4	6.6	7.0	5.9	6.3	7.0	6.9	7.8	7.8	5.7	5.3	5.8	5.3	6.4
PST-A2E	6.9	6.0	6.6	5.7	6.5	6.9	6.8	7.6	7.7	5.6	5.0	6.3	5.9	6.4
SYN 96-3	5.9	5.6	5.6	5.6	6.0	6.6	7.4	7.6	7.6	6.0	6.5	6.4	5.7	6.3
PENN G-6	6.2	6.2	6.5	5.6	6.1	7.0	7.2	7.8	7.5	5.6	4.8	5.8	5.8	6.3
BENGAL (BAR AS 8FUS2)	6.7	7.0	6.5	5.8	5.3	6.7	7.1	6.8	7.7	5.6	4.8	5.2	5.6	6.2
SYN 96-1	5.8	5.5	6.1	5.3	5.9	6.3	7.3	7.3	7.9	5.6	5.7	6.3	5.7	6.2
ISI AP-5	6.4	6.8	6.5	5.3	5.3	6.9	6.9	6.3	7.6	5.9	4.3	5.6	5.7	6.1
SYN 96-2	5.3	5.8	6.1	5.1	5.7	6.2	7.1	7.7	7.6	5.4	5.8	6.1	5.4	6.1
SRX 1NJH	6.2	5.9	7.0	4.4	5.8	6.9	6.7	6.7	7.7	5.4	4.5	6.3	5.6	6.1
CENTURY	6.5	6.4	6.1	5.4	5.0	6.1	7.3	6.3	7.6	5.7	4.9	5.6	5.4	6.0
IMPERIAL	5.8	6.3	6.3	4.9	5.2	6.3	6.7	6.8	7.6	5.6	4.6	5.8	5.3	5.9
SRX 1BPAA	6.2	6.2	6.8	4.7	4.8	6.6	6.3	7.0	7.7	4.9	4.9	5.6	5.7	5.9
SR 1119	5.6	6.0	6.9	5.3	5.4	6.7	6.9	6.3	7.7	5.3	4.4	5.3	5.4	5.9
BRIGHTON (SRX 1120)	6.1	6.1	6.3	5.4	5.3	6.6	6.4	6.8	7.7	4.9	4.5	5.3	5.7	5.9
BAR CB 8US3	6.4	6.6	5.8	5.9	5.0	6.4	6.2	5.8	7.9	4.9	4.6	5.1	5.7	5.9
BACKSPIN	6.1	6.1	6.1	5.4	5.4	6.3	6.2	6.0	7.7	5.5	4.3	5.4	5.2	5.8
PICK CB 13-94	6.1	6.2	5.9	5.3	4.5	6.6	6.2	6.7	7.4	5.4	4.1	6.1	5.0	5.8
PROVIDENCE	5.6	6.1	5.8	4.5	5.1	6.5	6.2	6.8	7.8	5.1	4.8	5.0	5.6	5.8
CRENSHAW	5.4	6.2	5.9	5.8	5.2	6.2	5.5	6.1	7.8	4.7	5.1	5.9	4.9	5.7
ABT-CRB-1	4.8	4.9	6.3	3.6	6.0	6.6	6.3	7.1	7.4	5.9	5.1	5.1	5.3	5.7
VESPER (PICK MVB)	5.3	4.4	4.8	4.2	6.3	4.8	4.6	7.5	7.3	3.3	2.5	6.2	6.9	5.2
SR 7200	4.8	3.8	4.6	4.8	6.6	4.1	4.1	8.0	7.4	3.7	2.6	6.1	6.8	5.2
PENNLINKS	5.5	5.4	5.5	5.2	3.1	6.1	5.5	5.0	7.3	4.7	3.1	5.1	4.6	5.1
PENNCROSS	5.1	5.0	4.8	5.2	3.2	6.1	5.4	4.6	7.2	4.9	3.0	5.5	4.5	5.0
BAVARIA	3.6	3.9	4.7	4.1	2.1	2.8	1.4	4.3	7.1	3.1	2.0	4.3	3.5	3.6
LSD VALUE	0.9	0.8	0.8	1.1	0.8	0.3	0.9	1.0	0.2	0.8	0.8	0.8	0.5	0.2
C.V. (%)	9.9	8.8	8.4	13.3	8.9	3.3	8.9	8.8	1.9	8.9	11.4	8.6	5.3	8.3

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

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

TABLE 6. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A SOIL GREEN AT TEN LOCATIONS IN THE U.S. 1/
2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										MEAN
	IA1	IL1	KS1	MA1	ME1	MI1	MT1	NE1	NY1	WI1	
PENN A-1	6.6	4.8	5.8	6.3	6.9	7.3	6.0	7.5	5.9	5.0	6.2
PENN A-4	6.9	4.8	5.1	6.3	6.6	7.0	6.2	7.2	5.9	5.0	6.1
PENN G-1	6.2	4.8	6.1	6.3	6.8	7.0	5.6	7.1	6.1	4.3	6.0
SYN 96-2	7.6	4.3	4.4	5.9	6.8	6.3	6.2	7.4	6.1	5.0	6.0
PENN A-2	6.7	5.0	5.7	6.3	6.7	7.3	5.7	6.9	6.0	3.7	6.0
L-93	6.4	4.8	6.1	6.3	6.4	7.1	5.8	6.9	6.0	4.0	6.0
ABT-CRB-1	6.8	4.3	4.9	5.3	7.0	7.0	5.6	8.1	5.8	4.7	5.9
PST-A2E	6.5	4.3	5.5	6.0	7.0	7.1	5.7	6.7	5.8	4.7	5.9
SYN 96-1	6.9	4.4	4.7	6.0	6.7	6.8	6.6	6.9	6.0	4.0	5.9
SYN 96-3	7.4	4.2	4.7	5.5	6.9	6.8	6.2	7.7	5.7	4.0	5.9
BENGAL (BAR AS 8FUS2)	6.9	4.8	5.1	6.2	6.9	6.7	5.7	7.1	5.7	4.0	5.9
PENN G-6	6.3	4.7	5.8	6.4	6.8	6.8	5.4	6.9	6.1	3.3	5.9
ISI AP-5	6.4	4.6	5.3	5.9	6.5	6.5	5.6	6.8	5.7	5.0	5.8
SRX 1NJH	5.9	4.2	5.2	6.2	7.3	6.7	5.6	6.2	6.1	4.3	5.8
PICK CB 13-94	5.7	4.7	5.3	6.1	6.7	6.4	5.7	6.2	6.0	4.7	5.7
CENTURY	7.0	4.8	4.4	5.7	6.3	6.2	5.9	6.7	5.7	4.3	5.7
IMPERIAL	6.7	4.5	4.8	6.0	6.3	6.6	5.9	6.5	5.4	4.0	5.7
SRX 1BPAA	5.3	4.2	5.1	5.6	7.1	6.7	5.5	6.3	6.1	4.7	5.7
CRENSHAW	7.0	4.1	4.2	5.9	6.7	5.7	5.7	5.9	5.9	5.0	5.6
SR 1119	5.8	4.7	5.2	5.8	6.6	6.5	5.6	6.4	6.0	3.7	5.6
VESPER (PICK MVB)	4.5	3.5	5.1	7.2	8.7	7.5	5.7	2.8	6.0	5.0	5.6
BRIGHTON (SRX 1120)	5.6	4.5	5.1	6.1	6.4	6.7	5.0	6.4	6.0	4.3	5.6
BAR CB 8US3	6.3	4.4	4.8	6.0	6.2	6.1	4.9	6.6	5.7	4.7	5.6
PROVIDENCE	6.3	5.0	4.7	5.8	6.2	6.2	5.0	6.3	5.5	4.3	5.5
BACKSPIN	6.4	4.3	4.7	5.8	6.3	6.0	5.7	5.9	5.7	4.0	5.5
PENNCROSS	5.1	4.3	5.3	5.9	6.1	6.3	5.1	5.2	6.1	3.7	5.3
PENNLINKS	5.3	4.1	5.1	6.2	5.9	6.3	5.1	5.3	5.7	3.7	5.3
SR 7200	4.4	4.0	5.1	7.0	8.4	6.8	5.0	2.5	5.7	3.7	5.3
BAVARIA	4.2	3.1	5.4	5.5	4.8	5.8	4.1	3.0	4.9	2.7	4.4
LSD VALUE	0.9	0.6	0.7	0.5	0.5	0.5	0.7	0.9	0.9	1.9	0.3
C.V. (%)	8.7	8.4	8.9	5.0	4.9	4.7	7.6	9.3	10.1	28.2	10.0

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 7. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON SAND OR SOIL GREENS 1/
2000 DATA

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

NAME	SAND	SOIL	MEAN
PENN A-1	6.5	6.2	6.4
PENN A-4	6.5	6.1	6.4
PENN G-1	6.5	6.0	6.3
PENN A-2	6.5	6.0	6.3
L-93	6.4	5.9	6.2
PST-A2E	6.3	5.9	6.2
SYN 96-3	6.3	5.9	6.2
PENN G-6	6.3	5.8	6.1
SYN 96-1	6.2	5.9	6.1
BENGAL (BAR AS 8FUS2)	6.2	5.9	6.1
SYN 96-2	6.0	6.0	6.1
ISI AP-5	6.1	5.8	6.0
SRX 1NJH	6.0	5.7	5.9
CENTURY	6.0	5.7	5.9
IMPERIAL	5.9	5.6	5.8
SRX 1BPAA	5.9	5.6	5.8
ABT-CRB-1	5.7	5.9	5.8
SR 1119	5.9	5.6	5.8
BRIGHTON (SRX 1120)	5.9	5.6	5.8
PICK CB 13-94	5.8	5.7	5.8
BAR CB 8US3	5.8	5.5	5.7
CRENSHAW	5.7	5.6	5.7
BACKSPIN	5.8	5.4	5.7
PROVIDENCE	5.7	5.5	5.7
VESPER (PICK MVB)	5.2	5.6	5.4
SR 7200	5.1	5.2	5.2
PENNLINKS	5.0	5.2	5.2
PENNCROSS	4.9	5.3	5.1
BAVARIA	3.6	4.3	3.9
LSD VALUE	0.2	0.3	0.2
C.V. (%)	8.3	10.0	9.1

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

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

TABLE 8. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT TEN LOCATIONS
USING 2.0-4.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
2000 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										MEAN
	AZ1	IA1	IL1	KS1	KY1	MO1	MT1	NY1	RI1	WI1	
PENN G-1	6.9	6.2	4.8	6.1	7.2	6.1	5.6	6.1	7.3	4.3	6.1
PENN A-1	6.5	6.6	4.8	5.8	7.1	5.1	6.0	5.9	7.8	5.0	6.1
PENN A-2	6.7	6.7	5.0	5.7	7.8	5.7	5.7	6.0	7.6	3.7	6.1
L-93	6.6	6.4	4.8	6.1	7.0	5.9	5.8	6.0	7.8	4.0	6.0
PENN A-4	7.3	6.9	4.8	5.1	6.3	4.9	6.2	5.9	7.7	5.0	6.0
SYN 96-2	5.8	7.6	4.3	4.4	6.1	5.1	6.2	6.1	7.7	5.0	5.8
PST-A2E	6.0	6.5	4.3	5.5	6.6	5.7	5.7	5.8	7.6	4.7	5.8
BENGAL (BAR AS 8FUS2)	7.0	6.9	4.8	5.1	6.5	5.8	5.7	5.7	6.8	4.0	5.8
PENN G-6	6.2	6.3	4.7	5.8	6.5	5.6	5.4	6.1	7.8	3.3	5.8
ISI AP-5	6.8	6.4	4.6	5.3	6.5	5.3	5.6	5.7	6.3	5.0	5.7
SYN 96-1	5.5	6.9	4.4	4.7	6.1	5.3	6.6	6.0	7.3	4.0	5.7
SYN 96-3	5.6	7.4	4.2	4.7	5.6	5.6	6.2	5.7	7.6	4.0	5.6
CENTURY	6.4	7.0	4.8	4.4	6.1	5.4	5.9	5.7	6.3	4.3	5.6
PICK CB 13-94	6.2	5.7	4.7	5.3	5.9	5.3	5.7	6.0	6.7	4.7	5.6
CRENSHAW	6.2	7.0	4.1	4.2	5.9	5.8	5.7	5.9	6.1	5.0	5.6
IMPERIAL	6.3	6.7	4.5	4.8	6.3	4.9	5.9	5.4	6.8	4.0	5.6
SRX 1BPAA	6.2	5.3	4.2	5.1	6.8	4.7	5.5	6.1	7.0	4.7	5.5
SR 1119	6.0	5.8	4.7	5.2	6.9	5.3	5.6	6.0	6.3	3.7	5.5
SRX 1NJH	5.9	5.9	4.2	5.2	7.0	4.4	5.6	6.1	6.7	4.3	5.5
BRIGHTON (SRX 1120)	6.1	5.6	4.5	5.1	6.3	5.4	5.0	6.0	6.8	4.3	5.5
BAR CB 8US3	6.6	6.3	4.4	4.8	5.8	5.9	4.9	5.7	5.8	4.7	5.5
BACKSPIN	6.1	6.4	4.3	4.7	6.1	5.4	5.7	5.7	6.0	4.0	5.4
PROVIDENCE	6.1	6.3	5.0	4.7	5.8	4.5	5.0	5.5	6.8	4.3	5.4
ABT-CRB-1	4.9	6.8	4.3	4.9	6.3	3.6	5.6	5.8	7.1	4.7	5.4
VESPER (PICK MB)	4.4	4.5	3.5	5.1	4.8	4.2	5.7	6.0	7.5	5.0	5.1
PENNLINKS	5.4	5.3	4.1	5.1	5.5	5.2	5.1	5.7	5.0	3.7	5.0
PENNCROSS	5.0	5.1	4.3	5.3	4.8	5.2	5.1	6.1	4.6	3.7	4.9
SR 7200	3.8	4.4	4.0	5.1	4.6	4.8	5.0	5.7	8.0	3.7	4.9
BAVARIA	3.9	4.2	3.1	5.4	4.7	4.1	4.1	4.9	4.3	2.7	4.1
LSD VALUE	0.8	0.9	0.6	0.7	0.8	1.1	0.7	0.9	1.0	1.9	0.3
C.V. (%)	8.8	8.7	8.4	8.9	8.4	13.3	7.6	10.1	8.8	28.2	11.4

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

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

TABLE 9. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT NINE LOCATIONS
USING 4.1-6.0 LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
2000 DATA

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

NAME	MA1	ME1	MI1	NE1	OK1	PA1	UT1	VA1	MEAN
PENN A-1	6.3	6.9	7.3	7.5	7.2	6.6	4.7	6.3	6.7
SYN 96-3	5.5	6.9	6.8	7.7	6.6	7.4	6.5	6.4	6.6
PENN A-4	6.3	6.6	7.0	7.2	7.0	7.2	5.6	5.6	6.6
PENN G-1	6.3	6.8	7.0	7.1	7.0	6.8	5.0	6.1	6.5
PST-AZE	6.0	7.0	7.1	6.7	6.9	6.8	5.0	6.3	6.5
L-93	6.3	6.4	7.1	6.9	7.0	6.9	5.3	5.8	6.4
PENN A-2	6.3	6.7	7.3	6.9	6.9	6.7	4.6	6.4	6.4
SYN 96-1	6.0	6.7	6.8	6.9	6.3	7.3	5.7	6.3	6.4
PENN G-6	6.4	6.8	6.8	6.9	7.0	7.2	4.8	5.8	6.4
SYN 96-2	5.9	6.8	6.3	7.4	6.2	7.1	5.8	6.1	6.4
SRX 1NJH	6.2	7.3	6.7	6.2	6.9	6.7	4.5	6.3	6.3
ABT-CRB-1	5.3	7.0	7.0	8.1	6.6	6.3	5.1	5.1	6.3
BENGAL (BAR AS 8FUS2)	6.2	6.9	6.7	7.1	6.7	7.1	4.8	5.2	6.2
ISI AP-5	5.9	6.5	6.5	6.8	6.9	6.9	4.3	5.6	6.1
SR 1119	5.8	6.6	6.5	6.4	6.7	6.9	4.4	5.3	6.0
SRX 1BPAA	5.6	7.1	6.7	6.3	6.6	6.3	4.9	5.6	6.0
IMPERIAL	6.0	6.3	6.6	6.5	6.3	6.7	4.6	5.8	6.0
CENTURY	5.7	6.3	6.2	6.7	6.1	7.3	4.9	5.6	6.0
BRIGHTON (SRX 1120)	6.1	6.4	6.7	6.4	6.6	6.4	4.5	5.3	6.0
PICK CB 13-94	6.1	6.7	6.4	6.2	6.6	6.2	4.1	6.1	5.9
PROVIDENCE	5.8	6.2	6.2	6.3	6.5	6.2	4.8	5.0	5.8
BAR CB 8US3	6.0	6.2	6.1	6.6	6.4	6.2	4.6	5.1	5.8
CRENSHAW	5.9	6.7	5.7	5.9	6.2	5.5	5.1	5.9	5.8
BACKSPIN	5.8	6.3	6.0	5.9	6.3	6.2	4.3	5.4	5.7
VESPER (PICK MVB)	7.2	8.7	7.5	2.8	4.8	4.6	2.5	6.2	5.6
SR 7200	7.0	8.4	6.8	2.5	4.1	4.1	2.6	6.1	5.4
PENNLINKS	6.2	5.9	6.3	5.3	6.1	5.5	3.1	5.1	5.2
PENNCROSS	5.9	6.1	6.3	5.2	6.1	5.4	3.0	5.5	5.2
BAVARIA	5.5	4.8	5.8	3.0	2.8	1.4	2.0	4.3	3.5
LSD VALUE	0.5	0.5	0.5	0.9	0.3	0.9	0.8	0.8	0.2
C.V. (%)	5.0	4.9	4.7	9.3	3.3	8.9	11.4	8.6	7.3

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 10. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT FOUR LOCATIONS
USING 6.1+ LBS. OF NITROGEN/1000 SQ. FT./YEAR 1/
2000 DATA

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

NAME	AL1	SC2	TX1	WA3	MEAN
PENN A-4	6.7	7.9	6.4	6.0	6.7
PENN A-1	6.7	7.9	6.4	5.8	6.7
PENN G-1	6.5	7.7	6.3	5.9	6.6
PENN A-2	6.7	7.9	5.9	5.7	6.6
PST-A2E	6.9	7.7	5.6	5.9	6.5
ISI AP-5	6.4	7.6	5.9	5.7	6.4
BENGAL (BAR AS 8FUS2)	6.7	7.7	5.6	5.6	6.4
SYN 96-3	5.9	7.6	6.0	5.7	6.3
PENN G-6	6.2	7.5	5.6	5.8	6.3
CENTURY	6.5	7.6	5.7	5.4	6.3
L-93	6.4	7.8	5.7	5.3	6.3
BAR CB 8US3	6.4	7.9	4.9	5.7	6.2
SYN 96-1	5.8	7.9	5.6	5.7	6.2
SRX 1NJH	6.2	7.7	5.4	5.6	6.2
BACKSPIN	6.1	7.7	5.5	5.2	6.1
SRX 1BPAA	6.2	7.7	4.9	5.7	6.1
BRIGHTON (SRX 1120)	6.1	7.7	4.9	5.7	6.1
IMPERIAL	5.8	7.6	5.6	5.3	6.1
PROVIDENCE	5.6	7.8	5.1	5.6	6.0
SR 1119	5.6	7.7	5.3	5.4	6.0
PICK CB 13-94	6.1	7.4	5.4	5.0	6.0
SYN 96-2	5.3	7.6	5.4	5.4	5.9
ABT-CRB-1	4.8	7.4	5.9	5.3	5.9
CRENSHAW	5.4	7.8	4.7	4.9	5.7
VESPER (PICK MVB)	5.3	7.3	3.3	6.9	5.7
SR 7200	4.8	7.4	3.7	6.8	5.7
PENNLINKS	5.5	7.3	4.7	4.6	5.5
PENNCROSS	5.1	7.2	4.9	4.5	5.4
BAVARIA	3.6	7.1	3.1	3.5	4.3
LSD VALUE	0.9	0.2	0.8	0.5	0.3
C.V. (%)	9.9	1.9	8.9	5.3	6.7

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

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

TABLE 11. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN USING DIFFERENT NITROGEN LEVELS 1/
2000 DATA

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

NAME	<u>LBS. OF NITROGEN/1000 SQ. FT./YEAR</u>			
	2.0-4.0	4.1-6.0	6.1+	MEAN
PENN A-1	6.0	6.6	6.6	6.4
PENN A-4	6.0	6.5	6.7	6.4
PENN G-1	6.0	6.4	6.6	6.3
PENN A-2	6.0	6.4	6.5	6.3
L-93	6.0	6.4	6.2	6.2
PST-A2E	5.8	6.4	6.4	6.2
SYN 96-3	5.6	6.6	6.3	6.2
PENN G-6	5.7	6.4	6.2	6.1
SYN 96-1	5.6	6.4	6.2	6.1
BENGAL (BAR AS 8FUS2)	5.8	6.2	6.3	6.1
SYN 96-2	5.8	6.3	5.9	6.1
ISI AP-5	5.7	6.0	6.3	6.0
SRX 1NJH	5.5	6.2	6.1	5.9
CENTURY	5.6	5.9	6.2	5.9
IMPERIAL	5.5	5.9	6.0	5.8
SRX 1BPAA	5.5	5.9	6.1	5.8
ABT-CRB-1	5.3	6.2	5.8	5.8
SR 1119	5.5	5.9	5.9	5.8
BRIGHTON (SRX 1120)	5.5	5.9	6.1	5.8
PICK CB 13-94	5.5	5.8	5.9	5.8
BAR CB 8US3	5.4	5.7	6.2	5.7
CRENSHAW	5.5	5.7	5.7	5.7
BACKSPIN	5.4	5.7	6.1	5.7
PROVIDENCE	5.3	5.7	6.0	5.7
VESPER (PICK MVB)	5.0	5.6	5.6	5.4
SR 7200	4.9	5.3	5.6	5.2
PENNLINKS	5.0	5.1	5.5	5.2
PENNCROSS	4.9	5.1	5.4	5.1
BAVARIA	4.1	3.5	4.3	3.9
LSD VALUE	0.3	0.2	0.3	0.2
C.V. (%)	11.4	7.3	6.7	9.1

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

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

TABLE 12.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AL1	AZ1	IA1	IL1	KS1	KY1	KY2	MA1	ME1	MI1	MO1	MT1	NE1	NJ1	NY1	OK1	PA1	RI1	RI2	SC2	TX1	UT1	VA1	WA3	WI2	MEAN
SYN 96-2	6.7	5.3	7.3	6.0	6.3	7.0	7.0	6.3	7.3	7.7	6.3	8.7	9.0	8.0	7.0	7.7	7.3	8.0	7.3	9.0	7.0	6.7	7.0	7.3	6.7	7.2
SRX 1NJH	7.0	6.0	5.3	5.7	6.3	8.3	8.7	5.0	8.7	7.7	6.0	7.7	8.7	7.0	7.0	8.0	7.7	8.0	7.3	8.7	6.7	6.7	7.0	7.3	6.7	7.2
PST-A2E	6.7	6.0	6.3	5.3	6.7	8.3	8.0	5.7	7.3	7.0	6.3	8.0	8.3	6.7	6.7	7.3	7.7	8.0	8.0	8.7	6.3	6.7	6.7	7.3	7.0	7.1
PENN A-2	6.3	6.7	5.7	4.7	6.7	8.7	8.7	7.7	7.3	7.3	6.3	8.0	8.7	6.0	7.0	8.0	7.7	7.0	6.7	8.7	6.3	6.3	6.3	6.0	7.0	7.0
L-93	7.0	5.7	5.7	6.3	7.0	7.7	8.3	8.3	7.7	7.0	6.7	8.0	9.0	5.7	7.3	7.3	6.3	7.7	6.7	8.7	5.7	6.0	6.7	6.0	7.0	7.0
PENN G-1	6.3	6.0	6.3	5.0	6.7	7.7	7.7	8.0	8.0	7.0	7.0	7.7	9.0	7.7	7.0	7.0	6.7	7.3	7.3	8.0	5.3	6.3	6.3	6.7	6.3	7.0
PENN A-1	6.7	5.0	7.0	6.0	7.3	7.3	7.7	7.3	7.0	7.0	6.3	8.3	9.0	7.7	6.7	6.7	6.3	7.7	7.3	8.3	6.3	6.3	5.7	6.7	6.7	7.0
ISI AP-5	6.3	6.0	6.0	5.7	6.7	6.7	7.0	8.3	8.7	7.0	6.3	7.3	9.0	4.7	6.7	7.3	7.3	7.0	7.7	8.3	6.7	6.7	6.3	7.0	6.3	6.9
PENN G-6	6.3	6.0	5.7	5.3	6.7	7.7	7.0	7.7	7.7	7.0	6.3	7.7	9.0	7.3	7.0	6.7	7.3	7.7	7.3	8.3	5.7	6.0	6.0	6.0	7.0	6.9
SRX 1BPAA	7.7	6.3	5.7	5.0	5.7	7.0	7.7	5.7	9.0	7.0	6.7	7.7	8.7	5.3	7.0	8.0	7.3	7.3	7.3	8.3	5.3	5.7	7.0	7.0	6.7	6.9
PENN A-4	6.7	6.3	6.3	5.0	6.3	7.7	7.3	7.3	8.0	7.0	6.7	8.0	9.0	6.3	7.0	7.0	6.0	7.3	7.0	8.3	6.3	6.0	6.0	6.3	6.7	6.9
SR 1119	6.3	6.0	5.7	6.0	7.0	7.7	7.7	7.3	7.7	7.0	6.3	8.0	9.0	4.7	7.0	7.0	7.0	7.7	7.7	8.3	6.7	5.0	6.7	6.3	6.0	6.9
BAR CB 8US3	6.3	6.0	6.0	6.7	6.3	7.0	7.0	7.3	7.7	7.0	7.0	7.7	9.0	4.7	6.7	7.3	6.7	7.3	7.7	8.3	6.0	6.0	7.0	6.0	6.0	6.8
BRIGHTON (SRX 1120)	7.3	5.7	5.7	4.7	6.7	7.3	8.0	7.3	7.7	7.0	6.3	7.7	9.0	5.3	7.0	7.0	6.3	7.0	7.7	8.3	5.7	5.0	6.7	6.0	6.7	6.8
CRENSHAW	6.3	6.0	6.7	5.0	5.7	6.3	6.7	7.3	7.7	7.0	6.7	8.0	9.0	6.0	6.7	7.3	6.3	7.7	8.0	8.3	5.3	5.3	6.3	6.3	6.7	6.7
PICK CB 13-94	6.7	6.0	6.0	5.0	6.0	5.7	6.3	6.7	7.3	7.3	6.3	7.7	9.0	4.7	7.0	8.0	6.3	7.7	7.3	8.7	5.3	6.7	7.0	6.7	7.0	6.7
ABT-CRB-1	5.7	5.3	7.3	3.7	6.0	5.7	6.7	5.7	8.0	7.0	6.0	7.7	9.0	5.7	6.7	7.0	6.3	7.7	8.0	8.7	6.7	6.3	7.0	6.7	6.7	6.7
PROVIDENCE	5.7	5.7	5.7	5.0	6.0	7.3	7.3	8.0	7.3	7.0	5.7	7.0	8.7	5.7	6.7	6.7	5.7	7.3	7.3	8.3	5.7	5.7	6.7	5.3	6.3	6.5
SYN 96-3	6.0	5.0	7.3	4.3	6.7	5.7	6.0	5.7	6.7	7.0	6.7	8.0	9.0	7.7	6.3	6.7	6.0	7.3	6.7	8.0	6.7	6.7	5.3	6.3	6.0	6.5
VESPER (PICK MVB)	5.0	5.3	6.3	3.0	6.3	8.3	8.7	6.0	9.0	6.0	5.0	7.7	4.3	6.7	6.3	7.0	5.7	9.0	9.0	9.0	3.7	5.7	5.7	8.0	7.0	6.5
BENGAL (BAR AS 8FUS2)	6.0	5.0	6.7	5.0	6.3	6.0	6.3	6.3	6.7	7.0	6.7	7.3	9.0	5.7	7.0	7.0	6.3	7.0	6.7	8.3	5.7	6.7	6.3	5.7	6.3	6.5
IMPERIAL	5.7	5.0	6.7	4.3	6.7	7.3	7.3	7.3	7.0	6.7	5.7	7.3	8.7	6.3	6.7	7.0	5.3	6.0	7.0	8.0	6.3	5.0	5.0	6.0	6.7	6.4
CENTURY	6.7	5.0	6.7	5.0	5.3	6.3	7.0	8.0	7.3	7.0	5.7	7.3	9.0	5.3	6.3	7.0	5.7	6.3	6.7	8.0	5.7	6.0	5.0	5.7	6.0	6.4
SYN 96-1	5.3	5.0	7.0	4.7	5.7	5.7	6.3	7.3	6.3	6.7	6.0	7.3	9.0	6.0	6.7	6.3	5.3	6.7	6.7	8.3	7.0	6.3	4.0	6.3	6.3	6.3
SR 7200	4.3	5.3	5.0	2.7	6.7	7.3	7.7	7.7	9.0	6.3	4.7	6.3	2.7	6.3	6.7	7.0	5.0	9.0	8.0	8.3	3.7	5.7	6.0	7.7	6.3	6.2
BACKSPIN	5.3	5.0	5.7	4.7	6.3	6.3	6.7	7.3	6.3	7.0	6.0	7.3	8.7	5.0	6.7	6.7	4.7	6.7	6.7	8.0	6.0	5.3	4.7	5.7	6.0	6.2
PENNLINKS	6.7	5.0	5.0	4.3	5.7	7.0	6.3	8.3	7.3	7.0	6.0	6.7	9.0	3.3	6.0	6.7	5.0	5.7	5.7	8.0	4.0	5.0	6.3	5.0	5.7	6.0
PENNCROSS	5.0	5.0	4.7	4.7	6.0	6.3	6.3	7.7	7.3	7.0	6.0	6.0	8.3	3.3	7.0	6.7	5.3	6.0	5.7	8.0	4.7	5.0	6.3	5.0	6.0	6.0
BAVARIA	3.7	5.0	4.3	4.3	6.3	7.3	7.7	7.0	5.0	7.0	6.7	5.0	4.3	2.0	5.0	5.7	3.0	6.3	5.7	8.0	3.3	4.3	4.7	6.0	5.3	5.3
LSD VALUE	1.3	0.6	1.0	2.0	1.3	1.9	2.2	1.4	1.0	0.5	0.9	0.9	1.2	2.2	0.8	0.7	1.0	0.9	0.9	0.8	1.2	1.2	1.6	0.9	0.8	0.3
C.V. (%)	12.7	6.9	10.3	24.6	12.6	16.4	19.1	12.5	8.4	4.9	8.8	7.6	9.1	24.3	7.8	5.9	9.8	7.6	7.5	5.6	12.6	12.7	16.5	8.6	8.0	11.8

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

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

TABLE 13.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1	IA1	IL1	MA1	MI1	MO1	MT1	NE1	NJ1	NY1	OK1	PA1	RI1	RI2	VA1	WA3	WI2	MEAN
SR 7200	5.3	5.0	6.0	6.7	6.3	7.0	5.3	4.0	8.0	6.0	5.5	6.0	7.7	7.3	7.0	8.0	5.0	6.2
PST-AZE	6.3	7.0	6.0	4.7	7.0	5.3	6.7	5.7	7.0	6.7	6.0	6.3	5.7	5.3	5.3	7.0	5.0	6.1
PENN A-4	6.7	6.3	5.3	6.3	7.0	5.3	6.7	7.7	6.0	6.3	6.0	6.3	5.3	4.7	5.3	6.3	4.0	6.0
BENGAL (BAR AS 8FUS2)	5.0	7.3	5.3	5.3	7.0	6.3	6.7	7.3	5.0	6.3	6.0	6.0	6.0	5.3	4.7	6.0	4.3	5.9
VESPER (PICK MVB)	4.7	5.0	5.7	5.0	6.0	5.7	4.7	4.3	8.3	5.3	6.0	5.3	7.0	6.7	7.0	7.3	5.7	5.9
SYN 96-3	5.7	7.7	6.0	4.7	7.0	6.7	5.7	7.0	5.7	5.7	5.7	6.3	5.3	5.0	5.0	6.0	4.3	5.8
PENN A-1	6.3	7.3	5.7	6.3	7.0	5.3	6.0	7.0	6.7	5.7	5.7	6.0	4.3	4.0	4.7	6.0	5.0	5.8
PENN A-2	7.0	7.0	4.3	6.7	7.3	5.3	6.0	6.7	6.3	6.3	6.0	5.7	4.7	4.3	5.3	5.3	4.3	5.8
SYN 96-1	5.7	7.3	5.7	6.3	6.7	5.3	5.7	6.0	6.0	6.0	5.3	6.0	5.3	5.0	6.0	6.0	4.3	5.8
PENN G-6	5.7	6.7	4.3	6.7	7.0	6.0	6.3	7.0	5.0	6.7	6.0	5.7	5.0	4.7	5.3	5.3	4.7	5.8
PENN G-1	6.7	6.0	4.7	7.0	7.0	5.7	6.0	6.3	6.0	6.3	6.0	5.0	4.7	4.3	5.3	6.3	4.3	5.7
ISI AP-5	6.3	6.7	6.0	7.3	7.0	6.7	6.0	6.0	4.7	6.3	6.0	4.3	4.3	4.0	4.7	6.3	4.7	5.7
BACKSPIN	5.7	6.7	5.3	6.3	7.0	6.0	6.0	5.0	5.0	6.3	6.0	7.3	5.3	4.7	4.3	5.0	4.7	5.7
IMPERIAL	5.3	6.3	5.0	6.3	6.7	6.0	7.3	5.3	5.7	6.0	6.0	6.0	5.3	5.0	4.3	5.3	4.7	5.7
CENTURY	5.3	6.7	5.7	7.0	7.0	6.0	6.0	5.7	5.0	6.0	6.0	6.7	5.0	4.0	4.7	5.0	4.0	5.6
PROVIDENCE	6.7	6.3	6.3	7.0	7.0	5.3	6.7	5.3	5.3	6.0	5.7	4.7	5.0	4.3	4.7	4.7	4.3	5.6
SRX 1NJH	7.3	6.0	4.3	4.0	7.7	6.0	6.3	5.0	6.3	7.0	6.0	4.7	4.7	4.0	5.7	6.0	4.3	5.6
CRENSHAW	6.3	7.0	5.0	6.3	7.0	6.0	7.0	6.3	5.0	6.0	6.0	4.0	5.3	4.3	4.3	4.7	4.7	5.6
PICK CB 13-94	6.0	6.3	5.3	5.7	7.3	5.7	6.7	5.7	5.3	6.3	6.0	4.3	5.3	4.7	5.0	5.7	4.0	5.6
SYN 96-2	5.0	8.0	4.3	5.3	7.3	6.0	6.3	7.0	5.0	6.7	5.3	4.7	5.0	4.3	5.7	5.0	4.3	5.6
L-93	5.3	6.0	5.3	7.3	7.0	6.0	6.0	6.0	5.3	6.3	6.0	5.0	5.0	4.7	4.7	4.3	4.3	5.6
BAR CB 8US3	6.7	6.3	5.0	6.3	7.0	5.0	6.0	5.3	6.0	6.0	6.0	5.0	4.7	4.7	4.3	5.7	4.3	5.5
SRX 1BPAA	6.0	6.0	5.7	4.7	7.0	5.3	6.0	6.3	4.7	6.7	6.0	4.3	5.0	5.3	4.7	5.3	4.7	5.5
ABT-CRB-1	5.0	7.0	4.7	4.7	7.0	5.7	5.3	7.0	6.3	6.0	6.0	5.0	4.7	4.3	5.3	4.7	4.3	5.5
BRIGHTON (SRX 1120)	5.7	5.7	5.3	6.3	7.0	4.7	6.3	5.7	5.0	6.0	6.0	4.3	5.0	4.3	4.7	5.0	4.7	5.4
SR 1119	6.0	6.0	4.0	6.3	7.0	4.7	5.7	5.3	6.0	6.0	6.0	5.3	4.7	4.0	4.7	5.0	5.0	5.4
BAVARIA	4.3	5.0	4.3	6.0	7.0	5.7	6.0	4.0	5.3	4.7	6.0	5.3	6.7	6.3	5.0	5.3	4.0	5.4
PENNCROSS	4.3	5.7	4.7	6.7	6.7	6.0	6.3	5.0	3.7	6.3	6.0	5.0	5.3	5.0	4.3	4.3	4.3	5.3
PENNLINKS	4.3	5.7	5.3	7.3	7.0	6.3	5.3	5.0	3.3	5.7	6.0	5.3	5.0	4.7	3.7	4.3	4.3	5.2
LSD VALUE	1.3	1.0	1.5	1.4	0.6	1.2	1.6	1.3	1.6	0.9	0.4	1.4	0.8	0.8	1.2	1.1	1.1	0.3
C.V. (%)	14.6	9.3	18.2	14.5	5.1	12.5	16.4	13.8	17.2	9.6	4.4	16.2	9.6	10.0	14.6	11.9	14.9	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.

TABLE 14. LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AL1	AZ1	MI1	MT1	OK1	SC2	TX1	MEAN
PENN A-4	6.0	7.3	8.7	7.7	7.3	8.3	7.3	7.5
PENN A-1	5.7	6.7	9.0	7.7	7.3	8.3	7.7	7.5
SYN 96-3	5.7	6.3	8.7	7.3	8.0	8.7	7.7	7.5
VESEER (PICK MVB)	8.3	5.0	9.0	7.7	9.0	8.0	5.0	7.4
PST-A2E	6.3	6.0	8.7	8.0	7.0	8.3	7.3	7.4
PENN G-1	6.7	6.7	8.7	7.3	7.3	8.0	7.0	7.4
PENN A-2	7.0	6.7	8.3	6.7	7.3	8.7	6.7	7.3
SR 7200	8.3	5.3	8.3	7.0	9.0	8.0	5.0	7.3
ABT-CRB-1	5.3	5.3	9.0	7.7	7.0	9.0	7.3	7.2
SYN 96-1	5.7	6.0	8.7	7.0	8.0	8.3	6.7	7.2
BENGAL (BAR AS 8FUS2)	6.3	6.7	8.7	6.7	7.0	8.0	7.0	7.2
CENTURY	6.0	6.3	8.7	7.0	7.0	8.0	6.7	7.1
SYN 96-2	4.3	6.7	8.7	6.7	8.0	8.3	7.0	7.1
BAVARIA	7.7	5.0	8.0	7.7	9.0	7.0	4.7	7.0
ISI AP-5	5.3	6.3	8.3	7.3	7.0	8.0	6.7	7.0
BAR CB 8US3	6.3	6.0	8.0	6.7	7.0	8.0	6.0	6.9
L-93	6.0	6.0	8.0	7.0	7.0	8.0	6.0	6.9
IMPERIAL	4.7	6.3	8.3	7.0	7.0	8.0	6.3	6.8
SRX 1BPAA	6.0	5.3	8.7	7.0	7.0	8.0	5.3	6.8
BRIGHTON (SRX 1120)	5.3	5.7	8.7	7.0	7.0	8.0	5.3	6.7
PICK CB 13-94	5.7	5.7	8.3	6.7	7.0	8.0	5.7	6.7
SR 1119	5.7	5.7	8.3	6.0	7.0	8.0	6.0	6.7
BACKSPIN	5.0	6.3	8.3	6.0	7.0	8.0	6.0	6.7
PENN G-6	5.3	6.0	8.3	6.0	7.0	8.0	6.0	6.7
CRENSHAW	5.0	5.7	8.0	7.0	7.0	8.3	5.3	6.6
PROVIDENCE	5.3	5.3	8.0	6.3	7.0	8.0	5.7	6.5
SRX 1NJH	4.7	5.3	8.3	6.3	7.0	8.0	4.7	6.3
PENNLINKS	5.0	5.3	7.7	6.0	6.3	8.0	4.3	6.1
PENNCROSS	4.7	4.0	8.0	6.3	6.3	7.3	4.0	5.8
LSD VALUE	1.3	0.9	0.8	1.6	0.4	0.5	1.3	0.4
C.V. (%)	14.2	10.0	6.1	14.0	3.6	4.0	13.7	9.6

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

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

TABLE 15.

 SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A GREEN 1/
 2000 DATA

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

NAME	AZ1	IA1	IL1	KY1	KY2	MI1	MT1	NE1	OK1	PA1	TX1	WA3	WI2	MEAN
PENN A-1	6.7	7.0	7.7	7.7	8.0	9.0	7.7	9.0	7.7	8.3	7.3	7.3	4.0	7.5
PENN A-4	8.0	7.0	6.7	7.0	7.3	9.0	7.7	9.0	7.7	8.7	7.3	6.7	4.7	7.4
PENN A-2	6.7	6.7	7.0	8.3	8.7	9.0	7.7	9.0	7.3	8.0	7.0	6.7	3.7	7.4
VESPER (PICK MVB)	4.7	7.0	8.3	8.7	9.0	8.3	7.3	7.0	9.0	9.0	2.7	9.0	4.7	7.3
PST-AZE	7.3	7.3	6.7	7.7	7.7	8.7	7.3	9.0	7.7	8.7	5.7	7.0	3.7	7.3
SYN 96-2	6.7	8.3	7.0	6.0	6.7	9.0	6.7	9.0	8.0	9.0	6.3	7.3	4.3	7.3
SYN 96-3	6.7	7.7	8.0	5.7	6.0	8.7	7.7	9.0	8.0	9.0	6.3	7.7	3.7	7.2
SYN 96-1	6.3	8.0	7.3	6.0	6.3	8.7	7.0	9.0	8.0	8.7	7.0	7.3	3.7	7.2
PENN G-1	7.7	6.3	6.0	7.7	8.3	8.7	6.7	9.0	7.7	8.0	6.7	7.0	3.3	7.2
CENTURY	7.0	7.3	7.3	6.3	7.0	8.7	8.0	8.7	7.3	8.7	6.3	6.3	4.0	7.2
ABT-CFB-1	5.7	7.3	7.0	6.3	7.0	9.0	7.0	9.0	8.0	9.0	6.7	6.7	3.7	7.1
SR 7200	4.0	6.7	8.7	8.3	9.0	7.7	8.0	6.3	9.0	9.0	2.7	8.3	4.3	7.1
BENGAL (BAR AS 8FUS2)	6.7	7.3	7.0	6.3	6.7	9.0	7.7	9.0	7.0	8.0	6.3	6.0	4.0	7.0
L-93	6.0	6.0	6.7	7.7	8.3	8.7	7.7	9.0	7.0	7.7	6.0	6.0	3.7	6.9
IMPERIAL	6.3	6.7	7.0	7.0	7.3	9.0	7.0	8.7	7.0	7.7	6.7	6.0	3.3	6.9
SRX 1NJH	5.7	6.3	6.7	7.3	8.0	9.0	8.0	8.7	7.0	7.7	5.0	6.3	3.3	6.8
PENN G-6	6.7	6.0	6.7	7.7	6.7	8.3	7.3	9.0	7.3	7.7	6.3	6.0	3.0	6.8
SR 1119	6.0	5.7	6.7	7.3	7.7	8.7	7.3	8.7	7.0	8.0	6.3	6.3	3.0	6.8
BRIGHTON (SRX 1120)	6.3	5.7	7.3	6.7	8.0	8.3	7.0	9.0	7.0	7.3	4.7	6.3	3.7	6.7
BACKSPIN	6.7	6.7	6.7	6.3	6.7	8.0	6.0	8.0	7.0	8.0	6.0	6.7	4.0	6.7
ISI AP-5	5.7	6.3	6.0	6.7	7.3	8.3	7.0	8.7	7.0	7.0	6.0	6.0	4.3	6.6
PROVIDENCE	6.7	5.0	6.3	6.7	7.3	8.7	7.0	8.7	7.0	7.3	5.7	6.0	3.7	6.6
BAR CB 8US3	6.3	6.0	6.3	6.7	7.0	8.3	7.3	8.3	7.0	7.3	5.0	5.7	3.7	6.5
SRX 1BPAA	5.7	5.3	7.0	7.3	7.3	8.3	6.3	8.7	7.0	6.7	5.0	6.3	4.0	6.5
CRENSHAW	5.7	7.3	6.7	5.7	5.7	7.7	7.0	9.0	7.0	7.0	5.3	6.0	4.0	6.5
PICK CB 13-94	6.0	6.0	7.7	6.0	6.0	7.7	7.0	8.3	7.0	7.0	4.7	5.7	4.0	6.4
PENNCROSS	4.7	5.0	6.3	7.0	7.0	7.7	6.7	8.0	6.0	5.3	4.7	5.3	3.3	5.9
PENNLINKS	5.0	5.0	6.3	7.0	6.3	7.7	7.3	8.0	6.0	6.0	4.3	5.0	2.7	5.9
BAVARIA	4.3	5.0	7.7	7.3	8.0	7.3	5.3	6.7	8.0	3.0	2.7	5.3	3.7	5.7
LSD VALUE	1.3	1.1	1.1	1.3	2.1	0.8	1.6	0.7	0.5	0.9	1.5	0.9	1.1	0.3
C.V. (%)	13.0	10.6	10.2	11.4	17.9	6.1	13.9	5.2	3.8	7.1	16.9	9.0	18.9	11.1

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

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

TABLE 16.

SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1	IL1	KY1	KY2	MI1	MT1	NEL	NJ1	OK1	TX1	VA1	WA3	WI1	WI2	MEAN
PENN A-1	6.3	7.0	6.0	6.3	9.0	8.3	9.0	8.3	8.0	6.3	7.3	6.3	5.3	5.3	7.1
SYN 96-3	5.7	7.0	7.0	7.7	8.3	8.3	9.0	7.7	8.0	5.3	7.3	8.0	4.0	4.0	7.0
SYN 96-1	5.7	7.0	6.7	8.3	8.3	8.0	9.0	7.0	8.0	6.0	7.7	7.3	4.0	3.3	6.9
PENN A-4	7.3	6.7	5.7	6.7	9.0	8.7	9.0	7.0	7.3	7.0	6.0	6.3	5.0	4.3	6.9
SYN 96-2	6.0	6.7	6.7	8.0	8.3	7.7	9.0	7.7	8.0	5.7	6.3	5.0	5.3	4.7	6.8
PENN G-1	7.0	7.0	6.0	7.3	8.3	7.7	9.0	7.3	7.3	5.7	7.3	5.0	4.3	3.7	6.6
PENN A-2	6.7	7.3	6.0	7.7	8.7	7.7	9.0	5.0	7.7	4.7	7.3	6.0	3.7	4.0	6.5
PENN G-6	5.7	7.3	6.3	8.0	8.7	7.7	9.0	6.7	7.3	5.0	6.0	6.7	3.3	3.7	6.5
PST-A2E	6.0	6.0	6.7	6.7	8.3	8.0	9.0	6.3	7.0	4.7	7.3	6.3	4.7	4.3	6.5
SRX 1NJH	6.0	6.3	6.0	7.3	8.3	8.0	8.7	6.7	7.0	5.0	7.0	7.0	4.0	4.0	6.5
CRENSHAW	6.3	6.0	6.3	7.3	7.7	7.3	9.0	5.3	7.0	4.7	7.3	8.0	4.0	4.0	6.5
L-93	6.3	6.7	6.0	6.7	8.7	8.0	9.0	6.0	7.0	3.7	6.7	7.0	3.7	4.7	6.4
CENTURY	6.3	7.3	6.3	7.3	8.0	8.3	8.7	5.3	7.0	5.3	6.7	5.7	4.0	3.7	6.4
BENGAL (BAR AS 8FUS2)	6.3	7.0	5.3	7.7	8.7	8.0	9.0	5.0	7.0	4.7	6.7	6.0	3.7	4.7	6.4
ABT-CRB-1	5.0	7.0	6.0	7.0	9.0	8.0	9.0	6.0	6.3	5.3	6.7	6.0	4.3	4.0	6.4
ISI AP-5	6.0	7.0	5.3	7.7	8.3	7.3	8.7	5.0	7.0	5.0	6.3	5.7	5.0	4.3	6.3
IMPERIAL	6.0	6.3	6.0	7.7	8.0	7.3	8.7	5.7	7.0	4.7	6.7	6.0	3.7	3.3	6.2
PICK CB 13-94	6.3	6.3	5.0	6.7	8.3	7.0	8.3	4.3	6.7	5.7	6.7	6.3	4.3	5.0	6.2
VESPER (PICK MVB)	5.7	7.7	5.3	5.7	9.0	7.3	7.0	7.0	8.0	2.0	6.7	6.0	5.0	4.3	6.2
SR 1119	5.7	6.7	6.3	7.0	8.3	7.0	8.7	4.7	7.0	6.0	6.7	5.3	3.3	3.7	6.2
PROVIDENCE	5.7	6.7	5.7	7.3	8.3	7.0	8.7	4.3	7.0	4.7	6.7	7.0	3.7	3.3	6.1
BAR CB 8US3	6.0	6.3	5.7	7.3	8.0	7.7	8.3	4.3	7.0	3.7	6.0	6.7	4.3	4.0	6.1
BRIGHTON (SRX 1120)	6.0	6.0	6.0	7.3	8.0	7.0	9.0	4.7	7.0	4.3	6.3	6.0	4.0	3.7	6.1
SRX 1BPAA	6.0	6.3	6.0	7.0	8.0	6.7	8.7	4.7	6.7	4.7	6.0	6.0	4.3	4.0	6.1
SR 7200	5.3	7.7	5.3	6.0	8.0	7.7	6.3	6.3	8.0	2.0	7.0	7.3	4.0	3.7	6.0
BACKSPIN	6.3	6.3	6.7	7.0	7.7	6.7	8.0	4.7	7.0	4.7	6.3	5.3	3.3	3.3	6.0
PENNLINKS	5.3	6.0	4.3	5.0	8.3	7.3	8.0	3.0	6.0	3.7	6.3	7.0	3.3	3.7	5.5
PENNCROSS	5.0	5.7	4.0	4.3	7.7	7.0	8.0	3.0	6.0	4.0	6.3	4.3	4.0	4.3	5.3
BAVARIA	5.3	4.7	5.0	4.3	7.0	5.0	6.7	1.7	8.0	2.0	6.3	8.0	2.7	2.7	5.0
LSD VALUE	1.0	1.1	1.3	1.6	0.9	1.7	0.7	1.8	0.8	1.8	1.2	1.9	2.0	1.7	0.4
C.V. (%)	9.9	10.1	14.0	14.2	6.7	13.9	5.2	19.6	6.6	23.5	11.3	18.6	30.9	25.9	14.3

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 17.

FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1	IL1	KY1	KY2	MI1	MT1	OK1	TX1	VA1	WA3	WI2	MEAN
PENN A-1	7.3	5.7	9.0	9.0	8.3	8.3	8.0	5.7	5.7	7.3	4.7	7.2
VESPER (PICK MVB)	6.3	7.3	7.3	6.7	7.7	7.3	9.0	3.0	8.0	9.0	6.3	7.1
PENN G-1	7.3	6.0	8.7	9.0	7.7	7.7	7.3	6.0	6.7	7.0	4.3	7.1
PENN A-2	7.7	6.7	8.0	8.7	7.7	7.7	7.3	5.3	6.3	7.3	4.7	7.0
SR 7200	5.7	7.3	7.3	7.0	7.7	7.3	9.0	3.3	7.7	9.0	5.7	7.0
PENN G-6	6.7	6.3	7.7	7.7	8.0	8.0	7.3	5.7	7.3	6.7	5.3	7.0
PENN A-4	7.7	5.7	8.3	8.7	7.7	8.7	7.3	4.7	7.0	7.0	4.0	7.0
SRX 1NJH	6.0	6.0	7.7	8.0	7.7	8.3	7.0	6.3	7.3	7.0	4.7	6.9
SYN 96-1	6.7	6.7	8.3	8.7	7.3	7.7	8.0	3.7	7.7	7.0	4.3	6.9
PST-A2E	6.7	6.0	7.3	7.3	7.7	7.7	7.0	6.0	6.7	7.0	6.0	6.8
BENGAL (BAR AS 8FUS2)	7.0	5.7	8.0	8.0	7.3	8.3	7.0	4.7	6.7	7.0	5.0	6.8
IMPERIAL	7.3	5.3	7.3	7.7	7.7	7.7	7.0	5.3	7.0	7.0	4.7	6.7
ISI AP-5	7.3	5.7	7.0	7.7	7.0	8.0	7.0	6.0	6.0	7.0	5.0	6.7
L-93	6.7	6.3	7.0	7.0	7.0	8.0	7.0	5.7	6.3	7.0	5.0	6.6
SYN 96-3	6.0	5.7	6.7	7.3	7.3	8.7	8.0	4.0	8.0	7.0	4.3	6.6
ABT-CRB-1	6.0	5.7	7.7	7.7	7.3	8.3	7.0	6.0	6.3	6.7	4.0	6.6
CENTURY	7.3	6.0	7.0	6.7	7.0	8.7	7.0	4.0	6.7	6.7	4.0	6.5
SYN 96-2	6.0	5.7	7.0	7.7	6.7	7.7	8.0	3.3	7.3	7.0	4.0	6.4
SRX 1BPAA	7.0	5.3	6.3	7.3	8.0	7.0	7.0	4.7	5.7	6.7	4.7	6.3
SR 1119	6.0	5.3	7.3	7.0	7.3	7.3	7.0	5.0	6.0	6.0	4.7	6.3
BRIGHTON (SRX 1120)	6.3	5.7	6.0	7.0	8.0	7.7	7.0	4.7	6.0	6.0	4.7	6.3
BACKSPIN	6.3	5.0	8.0	7.3	7.7	6.7	7.0	5.0	5.7	6.0	4.3	6.3
PROVIDENCE	6.0	6.0	6.7	6.7	8.0	7.3	7.0	4.7	5.7	6.7	4.0	6.2
BAR CB 8US3	7.0	5.3	6.3	6.3	7.3	8.0	7.0	3.7	6.0	7.0	4.3	6.2
PICK CB 13-94	6.7	4.7	6.0	6.0	7.0	7.0	7.0	5.0	6.7	5.3	5.0	6.0
CRENSHAW	6.7	3.3	6.7	7.7	8.0	8.0	7.0	3.0	6.3	5.7	3.7	6.0
PENNLINKS	5.7	4.7	5.0	5.0	7.3	7.7	6.3	5.3	5.0	5.0	5.0	5.6
BAVARIA	6.7	5.0	6.0	5.7	6.7	5.7	9.0	2.7	5.0	3.0	4.7	5.5
PENNCROSS	5.0	4.0	4.0	4.7	7.3	8.0	6.3	4.7	5.0	5.0	5.0	5.4
LSD VALUE	1.1	1.1	1.0	1.0	1.0	1.6	0.4	2.1	1.1	0.9	0.8	0.4
C.V. (%)	10.0	11.8	8.8	9.0	8.5	12.5	3.6	27.2	10.7	8.4	11.0	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 18. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AZ1	MI1	MO1	OK1	MEAN
PENN A-2	98.7	95.0	99.0	98.3	97.8
PENN A-4	99.0	95.0	99.0	97.7	97.7
SYN 96-3	98.7	95.0	99.0	97.7	97.6
PENN A-1	98.3	95.0	97.7	98.7	97.4
PENN G-1	99.0	93.3	99.0	98.3	97.4
L-93	97.3	95.0	99.0	98.0	97.3
SR 1119	97.3	95.0	99.0	98.0	97.3
BAR CB 8US3	98.3	95.0	99.0	96.7	97.3
PST-A2E	99.0	93.3	99.0	97.7	97.3
PENN G-6	98.3	93.3	99.0	98.3	97.3
BENGAL (BAR AS 8FUS2)	98.7	93.3	99.0	97.7	97.2
SYN 96-1	98.0	95.0	99.0	96.3	97.1
SYN 96-2	98.0	95.0	99.0	95.0	96.8
BACKSPIN	98.7	91.7	99.0	97.3	96.7
BRIGHTON (SRX 1120)	98.0	91.7	99.0	97.7	96.6
IMPERIAL	98.3	95.0	96.3	95.7	96.3
SRX 1NJH	95.3	93.3	97.7	98.3	96.2
CENTURY	99.0	93.3	97.7	94.3	96.1
PROVIDENCE	98.7	91.7	96.0	97.3	95.9
ISI AP-5	94.0	93.3	97.7	97.3	95.6
ABT-CRB-1	96.3	93.3	94.3	97.7	95.4
PICK CB 13-94	98.0	91.7	94.3	97.7	95.4
SRX 1BPAA	95.3	93.3	94.3	98.0	95.3
PENNLINKS	93.3	90.0	99.0	97.7	95.0
PENNCROSS	91.7	91.7	97.7	97.7	94.7
CRENSHAW	95.3	88.3	97.7	94.0	93.8
VESPER (PICK M/B)	91.7	93.3	76.3	70.0	82.8
SR 7200	87.7	91.7	87.7	60.0	81.8
BAVARIA	86.7	85.0	76.7	25.0	68.3
LSD VALUE	6.1	4.4	12.0	10.8	4.4
C.V. (%)	3.9	2.9	7.8	7.2	5.8

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

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

TABLE 19. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AZ1	MI1	MO1	OK1	MEAN
L-93	99.0	93.3	97.7	94.0	96.0
PENN G-1	98.7	91.7	97.7	93.3	95.3
PENNLINKS	99.0	91.7	93.3	94.3	94.6
PENN G-6	98.3	91.7	93.0	94.0	94.3
PENNCROSS	97.7	90.0	93.0	95.7	94.1
PENN A-2	97.0	93.3	93.0	93.0	94.1
PST-A2E	96.3	93.3	95.0	90.7	93.8
BENGAL (BAR AS 8FUS2)	99.0	88.3	95.0	91.7	93.5
BAR CB 8US3	98.3	83.3	97.7	93.3	93.2
BRIGHTON (SRX 1120)	95.3	88.3	93.0	92.0	92.2
ISI AP-5	99.0	86.7	88.3	93.3	91.8
PICK CB 13-94	99.0	88.3	89.7	90.3	91.8
SR 1119	91.0	90.0	91.3	92.7	91.3
PENN A-4	97.7	91.7	78.3	93.7	90.3
SYN 96-1	90.0	88.3	89.7	93.3	90.3
CENTURY	91.3	81.7	94.7	93.3	90.3
BACKSPIN	94.3	78.3	93.3	93.7	89.9
PENN A-1	88.0	95.0	83.0	93.3	89.8
CRENSHAW	90.7	71.7	96.3	96.0	88.7
SRX 1BPAA	87.7	90.0	84.7	90.7	88.3
IMPERIAL	94.7	85.0	73.3	93.0	86.5
SRX 1NJH	98.3	90.0	58.3	93.0	84.9
PROVIDENCE	90.7	81.7	70.0	93.7	84.0
SYN 96-3	55.0	91.7	90.0	95.7	83.1
SYN 96-2	59.7	81.7	74.7	94.0	77.5
VESPER (PICK MVB)	78.3	93.3	71.7	40.0	70.8
ABT-CRB-1	53.3	91.7	43.3	92.0	70.1
SR 7200	78.3	90.0	80.0	31.7	70.0
BAVARIA	82.7	80.0	78.3	6.7	61.9
LSD VALUE	23.6	5.6	22.8	10.6	8.7
C.V. (%)	16.4	3.9	16.6	7.6	12.4

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

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

TABLE 20. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/				
NAME	AZ1	MI1	OK1	MEAN
L-93	98.3	95.0	99.0	97.4
PST-A2E	97.7	95.0	99.0	97.2
PENN G-1	99.0	93.3	99.0	97.1
PENN A-2	98.3	93.3	99.0	96.9
PENNLINKS	97.3	93.3	99.0	96.6
PENN A-4	98.7	91.7	99.0	96.4
PENN G-6	98.3	91.7	99.0	96.3
PICK CB 13-94	98.0	91.7	99.0	96.2
SRX 1NJH	98.0	91.7	99.0	96.2
ISI AP-5	97.3	91.7	99.0	96.0
PENN A-1	93.0	95.0	99.0	95.7
BENGAL (BAR AS 8FUS2)	98.7	88.3	99.0	95.3
BRIGHTON (SRX 1120)	97.0	90.0	99.0	95.3
SYN 96-1	95.0	91.7	98.7	95.1
PENNCROSS	95.7	90.0	99.0	94.9
BAR CB 8US3	98.3	88.3	98.0	94.9
SRX 1BPAA	93.7	91.7	99.0	94.8
IMPERIAL	96.7	88.3	98.0	94.3
SR 1119	94.0	90.0	99.0	94.3
BACKSPIN	96.7	86.7	98.0	93.8
CENTURY	96.3	86.7	98.0	93.7
PROVIDENCE	94.0	86.7	98.7	93.1
CRENSHAW	93.7	85.0	97.0	91.9
SYN 96-3	76.7	90.0	98.7	88.4
ABT-CRB-1	73.3	93.3	98.7	88.4
SYN 96-2	78.3	88.3	97.0	87.9
SR 7200	88.3	93.3	51.0	77.6
VESPER (PICK MVB)	86.7	93.3	33.3	71.1
BAVARIA	90.0	88.3	18.3	65.6
LSD VALUE	12.7	5.0	15.4	6.9
C.V. (%)	8.5	3.4	10.4	8.0

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

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

TABLE 21. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1	OK1	VA1	MEAN
PENN A-4	7.3	6.0	6.0	6.4
SRX 1BPAA	6.7	5.7	6.7	6.3
SR 7200	5.3	5.7	7.7	6.2
BENGAL (BAR AS 8FUS2)	6.3	5.7	6.3	6.1
VESPER (PICK MVB)	6.0	5.0	7.3	6.1
ISI AP-5	6.7	5.7	5.3	5.9
PENN A-2	7.0	5.3	5.3	5.9
BAVARIA	5.7	5.0	6.7	5.8
L-93	5.3	5.7	6.3	5.8
BAR CB 8US3	5.7	5.7	5.7	5.7
CRENSHAW	6.3	4.7	5.7	5.6
SRX 1NJH	6.3	5.0	5.3	5.6
PENNCROSS	4.7	6.0	5.7	5.4
PENNLINKS	4.7	6.0	5.7	5.4
SYN 96-2	7.0	4.7	4.7	5.4
PENN A-1	6.0	5.0	5.3	5.4
PENN G-1	6.3	5.3	4.7	5.4
PENN G-6	6.3	5.0	5.0	5.4
CENTURY	5.7	5.0	5.3	5.3
PST-A2E	6.3	5.0	4.7	5.3
SR 1119	5.7	5.0	5.3	5.3
PICK CB 13-94	6.0	4.7	5.0	5.2
SYN 96-1	6.0	5.0	4.7	5.2
SYN 96-3	5.7	5.3	4.7	5.2
ABT-CRB-1	6.3	5.0	4.3	5.2
BRIGHTON (SRX 1120)	5.0	5.3	5.3	5.2
IMPERIAL	5.3	5.3	4.7	5.1
PROVIDENCE	5.3	5.3	4.7	5.1
BACKSPIN	5.3	5.0	4.0	4.8
LSD VALUE	1.0	0.7	1.3	0.6
C.V. (%)	10.6	7.9	15.4	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 22. PERCENT WINTER KILL RATINGS OF BENTGRASS CULTIVARS
 GROWN ON A GREEN 1/
 2000 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

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

TABLE 23. DROUGHT TOLERANCE (WILTING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1
ABT-CRB-1	9.0
BACKSPIN	9.0
BENGAL (BAR AS 8FUS2)	9.0
CENTURY	9.0
IMPERIAL	9.0
PENN A-1	9.0
PENN A-4	9.0
PENN G-1	9.0
PENN G-6	9.0
PENNCROSS	9.0
PROVIDENCE	9.0
SYN 96-1	9.0
BRIGHTON (SRX 1120)	8.7
ISI AP-5	8.7
L-93	8.7
PENNLINKS	8.7
PICK CB 13-94	8.7
PST-A2E	8.7
SRX 1NJH	8.7
SYN 96-2	8.7
SYN 96-3	8.7
BAR CB 8US3	8.3
PENN A-2	8.3
SR 1119	8.3
SRX 1BPAA	8.3
BAVARIA	8.0
VESPER (PICK MVB)	7.7
CRENSHAW	7.3
SR 7200	7.3
LSD VALUE	0.9
C.V. (%)	6.6

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 24. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1	VA1	MEAN
BAVARIA	2.7	9.0	5.8
PENNLINKS	4.7	6.0	5.3
SR 7200	1.7	8.3	5.0
ISI AP-5	3.0	6.7	4.8
VESPER (PICK MVB)	1.0	8.7	4.8
SRX 1BPAA	3.7	5.7	4.7
BRIGHTON (SRX 1120)	3.0	6.3	4.7
PENNCROSS	3.3	5.7	4.5
BENGAL (BAR AS 8FUS2)	3.7	5.0	4.3
SR 1119	2.3	6.0	4.2
PST-A2E	1.7	6.0	3.8
BACKSPIN	1.7	5.7	3.7
PROVIDENCE	1.7	5.3	3.5
L-93	1.7	5.0	3.3
PENN A-1	1.7	5.0	3.3
PICK CB 13-94	1.7	5.0	3.3
BAR CB 8US3	2.3	4.3	3.3
PENN G-1	2.3	4.0	3.2
ABT-CRB-1	1.0	5.0	3.0
CENTURY	1.0	5.0	3.0
IMPERIAL	1.0	5.0	3.0
PENN A-4	1.0	5.0	3.0
SYN 96-2	2.7	3.3	3.0
CRENSHAW	1.0	4.3	2.7
PENN G-6	1.0	4.0	2.5
SRX 1NJH	1.0	4.0	2.5
PENN A-2	1.0	3.7	2.3
SYN 96-1	1.0	3.7	2.3
SYN 96-3	1.0	3.7	2.3
LSD VALUE	2.5	3.3	2.0
C.V. (%)	79.6	38.0	49.6

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 25. DROUGHT TOLERANCE (RECOVERY) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

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.

TABLE 26. THATCH MEASUREMENTS OF BENIGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

THATCH MEASUREMENTS IN MILLIMETERS 2/

NAME	AL1	AZ1	MEAN
PENN A-4	19.0	13.7	16.3
PICK CB 13-94	17.7	13.7	15.7
SR 7200	19.7	11.7	15.7
VESPER (PICK MVB)	18.3	12.7	15.5
CENTURY	16.7	13.7	15.2
SRX 1NJH	17.3	12.7	15.0
PENN A-1	17.7	12.0	14.8
PST-A2E	17.7	12.0	14.8
SYN 96-3	16.7	13.0	14.8
PENN A-2	17.0	12.3	14.7
PENN G-6	16.3	13.0	14.7
PENN G-1	16.7	12.0	14.3
SRX 1BPAA	17.3	11.3	14.3
BAVARIA	15.3	13.0	14.2
CRENSHAW	15.3	13.0	14.2
BAR CB 8US3	16.3	12.0	14.2
SYN 96-1	16.3	12.0	14.2
SR 1119	16.7	11.3	14.0
SYN 96-2	14.7	13.3	14.0
IMPERIAL	16.3	11.3	13.8
L-93	17.0	10.7	13.8
BENGAL (BAR AS 8FUS2)	15.0	12.3	13.7
BRIGHTON (SRX 1120)	15.3	12.0	13.7
ISI AP-5	15.3	12.0	13.7
ABT-CRB-1	16.0	11.0	13.5
BACKSPIN	15.7	11.3	13.5
PENNLINKS	16.7	10.3	13.5
PROVIDENCE	16.0	11.0	13.5
PENNCROSS	15.7	10.7	13.2
LSD VALUE	2.7	3.4	2.1
C.V. (%)	10.0	17.3	13.2

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

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

TABLE 27. LEAF SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

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.

TABLE 28.

DOLLAR SPOT RATINGS OF BENIGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	IL1	KS1	ME1	MO1	NJ1	OK1	RI1	RI2	VA1	WI1	MEAN
BAVARIA	7.3	5.0	7.3	7.7	9.0	9.0	8.7	7.7	8.3	9.0	7.9
SR 7200	8.0	4.3	7.7	7.0	9.0	9.0	9.0	6.7	8.7	9.0	7.8
VESPER (PICK MVB)	7.3	4.7	8.0	6.0	8.7	8.7	9.0	5.0	8.3	8.7	7.4
L-93	6.7	6.3	5.7	7.7	8.0	8.7	8.0	5.0	8.0	9.0	7.3
PENN A-2	4.3	5.7	5.3	7.0	8.3	8.0	9.0	5.3	8.7	9.0	7.1
PENNCROSS	3.7	5.0	4.7	7.7	9.0	8.3	9.0	6.0	8.3	8.7	7.0
PST-A2E	4.0	5.3	6.7	7.7	8.0	8.3	8.7	5.0	7.3	9.0	7.0
PENN A-1	5.3	4.7	6.3	7.0	7.3	8.3	9.0	6.0	7.7	8.0	7.0
SRX 1BPAA	3.7	5.7	7.0	7.7	8.3	8.0	8.7	2.3	8.0	9.0	6.8
PENNLINKS	3.0	5.7	4.3	6.7	8.7	8.0	9.0	5.3	8.3	8.7	6.8
PENN G-1	4.7	5.3	6.3	7.7	7.3	8.0	9.0	4.0	8.0	7.3	6.8
SRX 1NJH	4.0	5.0	7.0	8.3	8.0	7.0	8.0	2.0	8.3	9.0	6.7
PENN G-6	4.0	4.0	6.3	7.0	7.7	7.7	8.0	4.3	8.0	8.7	6.6
ISI AP-5	4.0	4.7	5.3	7.7	7.7	7.0	7.3	4.7	8.0	9.0	6.5
PENN A-4	5.0	4.0	6.3	7.0	6.3	7.3	8.0	4.3	7.3	8.7	6.4
PICK CB 13-94	3.7	4.3	4.7	6.3	8.0	7.3	8.3	5.3	7.0	8.7	6.4
BENGAL (BAR AS 8FUS2)	4.0	5.3	7.0	7.7	6.3	7.0	7.0	2.7	6.7	9.0	6.3
BRIGHTON (SRX 1120)	4.7	4.7	7.0	6.3	7.3	7.0	8.3	1.7	6.7	8.0	6.2
ABT-CRB-1	3.0	5.0	6.0	8.0	7.3	6.0	7.3	3.0	6.3	7.3	5.9
IMPERIAL	3.3	3.3	6.3	7.3	5.3	4.7	7.7	5.0	8.0	8.3	5.9
SR 1119	3.7	4.0	5.3	7.0	6.7	7.7	8.0	2.0	7.0	7.7	5.9
SYN 96-1	3.3	3.0	6.0	6.3	6.0	5.7	8.0	4.7	7.0	8.3	5.8
PROVIDENCE	4.7	3.3	6.3	6.7	5.0	6.3	7.0	2.7	6.0	8.0	5.6
SYN 96-2	3.3	2.3	7.0	8.3	4.7	4.7	8.3	5.0	6.7	5.7	5.6
SYN 96-3	3.0	2.7	6.0	7.0	5.7	5.3	7.3	3.0	7.7	8.0	5.6
BACKSPIN	3.3	3.3	6.3	4.7	6.0	7.0	7.0	3.7	6.3	7.0	5.5
BAR CB 8US3	3.7	2.7	3.7	6.7	5.7	6.0	6.7	2.7	6.0	8.0	5.2
CENTURY	3.3	3.0	5.3	6.7	5.3	4.7	7.0	2.0	7.7	6.0	5.1
CRENSHAW	2.3	2.3	7.0	6.0	5.0	4.7	6.7	1.7	7.3	6.7	5.0
LSD VALUE	1.1	1.5	2.1	1.9	1.6	1.0	0.7	0.9	2.3	2.1	0.5
C.V. (%)	16.4	21.0	21.6	16.7	14.3	8.2	5.2	13.1	18.7	16.3	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 29. BROWN PATCH (WARM TEMPERATURE) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	NJ1	PA1	MEAN
SR 7200	8.3	9.0	8.7
VESPER (PICK MVB)	8.3	9.0	8.7
BAVARIA	7.3	9.0	8.2
PICK CB 13-94	6.3	9.0	7.7
SRX 1BPAA	6.3	9.0	7.7
SYN 96-2	6.3	9.0	7.7
SYN 96-3	6.3	8.7	7.5
ABT-CRB-1	6.0	8.7	7.3
SRX 1NJH	5.3	9.0	7.2
SYN 96-1	5.0	9.0	7.0
IMPERIAL	5.3	8.3	6.8
PENN G-6	5.7	8.0	6.8
CENTURY	5.0	8.7	6.8
SR 1119	5.0	8.7	6.8
CRENSHAW	5.0	8.3	6.7
PENNCROSS	4.7	8.7	6.7
PST-A2E	5.3	8.0	6.7
BRIGHTON (SRX 1120)	4.7	8.0	6.3
PENN A-2	4.3	8.3	6.3
PENN G-1	5.0	7.7	6.3
PENNLINKS	5.0	7.7	6.3
BAR CB 8US3	4.7	7.7	6.2
BACKSPIN	4.3	8.0	6.2
BENGAL (BAR AS 8FUS2)	5.0	7.0	6.0
L-93	4.0	8.0	6.0
PENN A-4	5.7	6.3	6.0
ISI AP-5	4.3	7.3	5.8
PROVIDENCE	3.0	7.0	5.0
PENN A-1	1.7	8.0	4.8
LSD VALUE	1.9	1.3	1.2
C.V. (%)	22.6	10.2	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 30. FALL COLOR (SEPTEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1
PENN A-2	7.7
PST-A2E	7.0
PROVIDENCE	6.7
BAR CB 8US3	6.3
ISI AP-5	6.3
PENN A-4	6.3
PICK CB 13-94	6.3
CRENSHAW	6.0
PENN G-1	6.0
SR 1119	6.0
SRX 1BPAA	6.0
SRX 1NJH	6.0
BRIGHTON (SRX 1120)	5.7
IMPERIAL	5.7
L-93	5.7
PENN G-6	5.7
SYN 96-1	5.7
SYN 96-2	5.5
BACKSPIN	5.3
PENN A-1	5.3
BENGAL (BAR AS 8FUS2)	5.0
CENTURY	4.7
SYN 96-3	4.7
ABT-CRB-1	4.5
PENNCROSS	4.3
PENNLINKS	4.3
BAVARIA	4.0
SR 7200	4.0
VESPER (PICK MVB)	4.0
LSD VALUE	1.0
C.V. (%)	11.0

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

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

TABLE 31. FALL COLOR (OCTOBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AL1	AZ1	MEAN
SRX 1BPAA	7.7	5.7	6.7
SRX 1NJH	7.7	5.7	6.7
SYN 96-2	7.0	6.0	6.5
PENN A-2	6.7	6.0	6.3
ISI AP-5	6.3	5.7	6.0
L-93	7.0	5.0	6.0
PENN G-1	6.3	5.7	6.0
SR 1119	7.0	5.0	6.0
BRIGHTON (SRX 1120)	6.7	5.0	5.8
PENN A-4	6.7	5.0	5.8
CRENSHAW	6.3	5.3	5.8
PROVIDENCE	6.3	5.3	5.8
BAR CB 8US3	6.7	4.7	5.7
PENN G-6	6.0	5.3	5.7
PICK CB 13-94	6.0	5.0	5.5
PST-A2E	5.3	5.7	5.5
SYN 96-3	6.0	5.0	5.5
CENTURY	5.7	5.0	5.3
IMPERIAL	5.7	5.0	5.3
PENNCROSS	5.7	4.7	5.2
ABT-CRB-1	5.0	5.0	5.0
BACKSPIN	5.3	4.7	5.0
BENGAL (BAR AS 8FUS2)	6.0	4.0	5.0
VESPER (PICK MVB)	5.0	5.0	5.0
SYN 96-1	5.3	4.3	4.8
PENN A-1	5.0	4.3	4.7
PENNLINKS	5.0	4.3	4.7
BAVARIA	3.3	5.7	4.5
SR 7200	4.0	5.0	4.5
LSD VALUE	1.3	1.4	0.9
C.V. (%)	13.5	16.8	15.0

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

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

TABLE 32. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1
PENN A-4	7.7
ISI AP-5	7.3
BENGAL (BAR AS 8FUS2)	7.0
CRENSHAW	7.0
PENN A-2	7.0
PENN G-1	7.0
BAR CB 8US3	6.7
PENN A-1	6.7
PENN G-6	6.7
PST-A2E	6.7
SYN 96-2	6.5
ABT-CRB-1	6.3
SRX 1BPAA	6.3
SRX 1NJH	6.3
BAVARIA	6.0
CENTURY	6.0
IMPERIAL	6.0
SYN 96-1	6.0
VESPER (PICK MVB)	6.0
BACKSPIN	5.7
L-93	5.7
PICK CB 13-94	5.7
SYN 96-3	5.7
BRIGHTON (SRX 1120)	5.3
PENNLINKS	5.3
SR 1119	5.3
SR 7200	5.3
PENNCROSS	5.0
PROVIDENCE	5.0
LSD VALUE	1.4
C.V. (%)	13.5

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

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

TABLE 33. FALL COLOR (DECEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	AZ1
SYN 96-2	7.5
PENN A-2	7.0
PENN A-4	7.0
SRX 1BPAA	7.0
SRX 1NJH	7.0
PENN G-1	6.7
PICK CB 13-94	6.7
SR 1119	6.7
ISI AP-5	6.3
PENN G-6	6.3
VESPER (PICK MVB)	6.3
ABT-CRB-1	6.0
BAVARIA	6.0
BENGAL (BAR AS 8FUS2)	6.0
CRENSHAW	6.0
PROVIDENCE	6.0
PST-A2E	6.0
SR 7200	6.0
SYN 96-1	6.0
SYN 96-3	6.0
BACKSPIN	5.7
BAR CB 8US3	5.7
CENTURY	5.7
PENN A-1	5.7
BRIGHTON (SRX 1120)	5.3
IMPERIAL	5.3
L-93	5.3
PENNCROSS	5.0
PENNLINKS	4.7
LSD VALUE	1.3
C.V. (%)	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 34. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN 2/
2000 DATA

NAME	AL1	KY2	NY1	MEAN
CENTURY	20.3	18.3	15.3	18.0
PENN A-4	23.3	13.7	5.3	14.1
IMPERIAL	2.3	27.0	12.0	13.8
CRENSHAW	5.3	27.0	6.7	13.0
BAR CB 8US3	7.3	19.3	10.0	12.2
ISI AP-5	13.3	16.0	6.0	11.8
VESPER (PICK MVB)	4.0	17.3	13.0	11.4
ABT-CRB-1	3.7	16.0	13.3	11.0
L-93	7.3	13.0	12.3	10.9
PENN A-1	7.0	16.0	9.3	10.8
SYN 96-2	2.3	24.3	4.7	10.4
SRX 1NJH	10.3	14.7	6.0	10.3
PENNCROSS	7.3	17.3	6.3	10.3
BACKSPIN	3.7	19.7	7.3	10.2
PST-A2E	8.7	15.3	5.7	9.9
PENN A-2	7.3	14.0	6.7	9.3
PENN G-6	3.7	18.7	5.3	9.2
PICK CB 13-94	5.3	12.0	10.3	9.2
SYN 96-1	5.0	17.3	5.3	9.2
PENN G-1	1.0	18.7	6.7	8.8
BENGAL (BAR AS 8FUS2)	0.7	20.0	5.3	8.7
BRIGHTON (SRX 1120)	7.0	16.7	2.3	8.7
PROVIDENCE	0.7	18.3	5.3	8.1
SRX 1BPAA	4.0	14.7	5.7	8.1
SR 1119	3.7	15.3	3.7	7.6
SYN 96-3	2.3	16.0	4.3	7.6
BAVARIA	1.7	8.3	11.0	7.0
SR 7200	0.3	5.3	13.7	6.4
PENNLINKS	3.7	12.7	2.7	6.3
LSD VALUE	13.7	10.3	10.2	6.6
C.V. (%)	142.7	38.4	82.8	70.8

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 35. SCALPING (AUGUST) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	TX1
SYN 96-1	7.0
VESPER (PICK MVB)	7.0
SR 7200	6.7
SR 1119	6.3
SYN 96-2	6.3
BAR CB 8US3	6.0
BAVARIA	6.0
CENTURY	6.0
BENGAL (BAR AS 8FUS2)	5.7
L-93	5.7
PENN A-4	5.7
PICK CB 13-94	5.7
BRIGHTON (SRX 1120)	5.3
IMPERIAL	5.3
ISI AP-5	5.3
PENN G-6	5.3
PENNCROSS	5.3
PENNLINKS	5.3
PROVIDENCE	5.3
SRX 1BPAA	5.3
BACKSPIN	5.0
PENN A-2	5.0
PENN G-1	5.0
ABT-CRB-1	4.7
CRENSHAW	4.7
PENN A-1	4.7
SRX 1NJH	4.7
SYN 96-3	4.7
PST-A2E	4.3
LSD VALUE	1.9
C.V. (%)	21.9

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

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

TABLE 36. DOWNY MILDEW RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

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.

TABLE 37. THATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

THATCH RATINGS 1-9; 9=NONE 2/

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.

TABLE 38. ROOT KNOT NEMATODE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN 1/
2000 DATA

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

NAME	MO1
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.

TABLE 39. BROWN PATCH RATINGS OF BENIGRASS CULTIVARS
GROWN ON A GREEN AT ORONO, ME 1/
2000 DATA

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

NAME	JULY	AUGUST	MEAN
VESPER (PICK MVB)	9.0	9.0	9.0
SR 7200	8.7	9.0	8.8
PENN A-1	6.7	8.7	7.7
SYN 96-2	6.3	8.3	7.3
ABT-CRB-1	5.7	8.3	7.0
PENN G-1	5.7	8.3	7.0
PENN G-6	5.7	8.3	7.0
PST-A2E	6.0	8.0	7.0
CRENSHAW	5.3	8.3	6.8
PENNCROSS	5.3	8.3	6.8
SRX 1NJH	5.0	8.7	6.8
PENN A-2	5.3	7.7	6.5
BENGAL (BAR AS 8FUS2)	4.7	8.0	6.3
PENN A-4	5.0	7.7	6.3
SRX 1BPAA	4.7	8.0	6.3
PICK CB 13-94	4.0	8.3	6.2
SR 1119	4.3	8.0	6.2
SYN 96-3	4.3	8.0	6.2
SYN 96-1	5.0	6.7	5.8
BACKSPIN	4.0	7.0	5.5
ISI AP-5	3.3	7.7	5.5
CENTURY	4.3	6.3	5.3
L-93	3.3	7.3	5.3
IMPERIAL	4.3	6.0	5.2
BAR CB 8US3	3.7	6.3	5.0
PENNLINKS	3.0	7.0	5.0
BRIGHTON (SPX 1120)	3.3	6.3	4.8
PROVIDENCE	3.0	6.0	4.5
BAVARIA	3.3	5.0	4.2
LSD VALUE	3.2	2.4	1.8
C.V. (%)	33.7	15.4	17.0

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 40. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN AT E. LANSING, MI 1/
2000 DATA

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

NAME	JUNE	JULY	MEAN
PENN A-2	1.3	6.7	4.0
PENN G-6	1.7	6.3	4.0
PENNCROSS	2.7	5.3	4.0
BRIGHTON (SRX 1120)	1.7	6.0	3.8
PENN A-1	1.0	6.7	3.8
PICK CB 13-94	2.0	5.7	3.8
SR 7200	1.3	6.3	3.8
SRX 1NJH	1.7	6.0	3.8
ABT-CRB-1	1.3	6.0	3.7
BENGAL (BAR AS 8FUS2)	2.0	5.3	3.7
L-93	1.3	6.0	3.7
PENN A-4	1.3	6.0	3.7
SRX 1BPAA	1.7	5.7	3.7
VESPER (PICK MVB)	1.3	6.0	3.7
ISI AP-5	1.7	5.3	3.5
PENN G-1	1.0	6.0	3.5
PENNLINKS	1.3	5.7	3.5
PST-A2E	1.0	6.0	3.5
SYN 96-1	2.0	5.0	3.5
IMPERIAL	1.7	5.0	3.3
SYN 96-2	2.0	4.7	3.3
BAR CB 8US3	1.7	4.7	3.2
CENTURY	2.0	4.3	3.2
SR 1119	1.3	5.0	3.2
SYN 96-3	1.7	4.7	3.2
BACKSPIN	1.7	4.3	3.0
CRENSHAW	2.0	4.0	3.0
PROVIDENCE	1.7	4.3	3.0
BAVARIA	1.3	4.0	2.7
LSD VALUE	2.9	1.2	1.1
C.V. (%)	48.2	13.0	13.2

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

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

TABLE 41. DOLLAR SPOT RATINGS OF BENIGRASS CULTIVARS
 GROWN ON A GREEN AT UNIVERSITY PARK, PA 1/
 2000 DATA

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

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.

TABLE 42. DOLLAR SPOT RATINGS OF BENIGRASS CULTIVARS
GROWN ON A GREEN AT MADISON (WITHOUT FUNGICIDES), WI 1/
2000 DATA

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

NAME	JULY	AUGUST	SEPTEMBER	MEAN
BAVARIA	9.0	8.3	7.3	8.2
SR 7200	9.0	8.0	7.0	8.0
PENNLINKS	8.7	8.3	5.0	7.3
VESPER (PICK MVB)	8.7	8.0	5.3	7.3
PST-A2E	7.7	8.3	5.7	7.2
L-93	8.0	8.0	5.3	7.1
PENN A-2	8.7	7.7	5.0	7.1
BENGAL (BAR AS 8FUS2)	8.3	8.0	4.7	7.0
PENN A-1	8.3	7.7	4.7	6.9
PENNCROSS	7.7	7.7	5.0	6.8
PICK CB 13-94	7.7	7.3	5.0	6.7
SR 1119	7.7	7.3	4.7	6.6
SRX 1BPAA	7.3	7.7	4.0	6.3
BRIGHTON (SRX 1120)	7.3	7.3	4.0	6.2
ISI AP-5	7.0	7.0	4.7	6.2
PENN G-6	6.7	7.3	4.3	6.1
SRX 1NJH	7.0	7.0	4.0	6.0
PENN G-1	6.0	7.3	4.3	5.9
ABT-CRB-1	6.3	6.3	4.7	5.8
IMPERIAL	6.3	6.7	4.0	5.7
SYN 96-3	6.3	6.7	4.0	5.7
BAR CB 8US3	6.3	6.0	4.0	5.4
SYN 96-1	5.0	6.7	4.0	5.2
PENN A-4	6.0	6.0	3.3	5.1
PROVIDENCE	5.7	6.3	3.3	5.1
BACKSPIN	5.3	6.0	3.3	4.9
CENTURY	5.3	5.0	3.3	4.6
SYN 96-2	4.3	4.7	3.0	4.0
CRENSHAW	3.7	5.0	2.7	3.8
LSD VALUE	3.8	1.5	1.1	1.6
C.V. (%)	25.3	12.5	16.0	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.

TABLE 43. DOLLAR SPOT RATINGS OF BENIGRASS CULTIVARS
GROWN ON A GREEN AT NORTH BRUNSWICK, NJ 1/
2000 DATA

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

NAME	PREVENTATIVE FUNGICIDE USE		REDUCED FUNGICIDE USE		MEAN
	SEPTEMBER	OCTOBER	SEPTEMBER	OCTOBER	
VESPER (PICK MVB)	9.0	9.0	9.0	9.0	9.0
BAVARIA	9.0	8.7	9.0	8.3	8.8
SR 7200	9.0	9.0	8.7	8.7	8.8
PICK CB 13-94	9.0	8.3	9.0	7.3	8.4
L-93	9.0	9.0	8.0	7.3	8.3
FENN A-1	9.0	8.3	8.7	7.0	8.3
FENNCROSS	9.0	8.3	8.3	6.7	8.1
ISI AP-5	9.0	7.3	8.7	7.0	8.0
FENN A-2	9.0	8.3	8.7	5.3	7.8
EST-A2E	9.0	8.3	8.3	5.3	7.8
FENNLINKS	9.0	8.0	7.7	6.0	7.7
FENN A-4	9.0	8.3	8.0	5.0	7.6
FENN G-6	9.0	8.0	7.3	6.0	7.6
SRX 1NJH	8.7	7.7	7.7	5.3	7.3
ABT-CRB-1	9.0	6.7	8.0	4.7	7.1
PROVIDENCE	9.0	7.3	7.7	4.0	7.0
SRX 1BPAA	9.0	7.3	6.3	5.3	7.0
BAR CB 8US3	9.0	7.0	7.7	4.0	6.9
SR 1119	9.0	7.7	7.0	4.0	6.9
BENGAL (BAR AS 8FUS2)	9.0	7.3	6.7	3.7	6.7
BRIGHTON (SRX 1120)	9.0	7.0	6.3	4.3	6.7
FENN G-1	9.0	8.3	5.3	3.7	6.6
IMPERIAL	9.0	7.0	6.3	3.7	6.5
BACKSPIN	9.0	5.0	6.3	3.0	5.8
SYN 96-1	9.0	5.3	5.0	2.0	5.3
SYN 96-2	9.0	5.0	5.0	2.0	5.3
CENTURY	9.0	4.3	4.7	2.3	5.1
SYN 96-3	9.0	5.3	3.7	2.0	5.0
CRENSHAW	9.0	4.0	3.7	1.7	4.6
LSD VALUE	0.3	1.3	2.6	2.1	1.2
C.V. (%)	1.2	11.5	20.7	26.7	10.7

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

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