

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.

Executive Director - Dr. Robert Shearman, University of Nebraska

National Program Coordinator - Kevin N. Morris, National Turfgrass Federation, Inc.

CURRENT POLICY COMMITTEE MEMBERS:

Dr. A. Douglas Brede, Jacklin Seed Company
Dr. David Chalmers, Virginia Tech University
Dr. Thomas Fermanian, University of Illinois
Ms. Crystal Rose-Fricker, Pure-Seed Testing, Inc.
Mr. Al Gardner, A-G Turf Farms, Inc.
Dr. Michael Kenna, USGA Green Section
Dr. Anthony Koski, Colorado State University
Dr. Bridget Ruummele, University of Rhode Island

FOR ADDITIONAL REPORTS OR INFORMATION WRITE:

Kevin Morris, National Program Coordinator
National Turfgrass Evaluation Program
Beltsville Agricultural Research Center-West
Building 002, Room 013
Beltsville, Maryland 20705

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LOCATIONS SUBMITTING DATA FOR 1995

<u>State</u>	<u>Location</u>	<u>Code</u>
Arizona	Tucson	AZ1
Georgia	Griffin (High pH)	GA1
Georgia	Griffin (Low pH)	GA2
Illinois	Urbana	IL1
Illinois	Carbondale	IL2
Iowa	Ames	IA1
Kansas	Manhattan	KS1
Kentucky	Lexington	KY1
Kentucky	Lexington (Griffin Gate Golf Course)	KY2
Massachusetts	Amherst	MA1
Michigan	East Lansing	MI1
Minnesota	St. Paul	MN1
Missouri	Columbia (Traffic)	MO1
New Hampshire	Durham	NH1
New Jersey	North Brunswick	NJ1
Oklahoma	Stillwater	OK1
Pennsylvania	University Park	PA1
Quebec	Quebec	QE1
Rhode Island	Kingston	RI1
South Carolina	Florence	SC1
Texas	Dallas	TX1
Virginia	Blacksburg	VA1
Washington	Pullman	WA1
Washington	Puyallup (Native Soil)	WA3
Washington	Puyallup (Sand)	WA4

1993 NATIONAL BENTGRASS TEST
(Greens)

Entries and Sponsors

Entry No.	Name	Species	Sponsor
1	18th Green	creeping	Zajac Performance Seeds/ Johnson Seeds, Ltd.
2	Regent	creeping	Barenbrug USA
3	BAR As 492	creeping	Barenbrug Holland
4	BAR Ws 42102	creeping	Barenbrug Holland
5	Trueline	creeping	Turf Merchants
6	Seaside	creeping	Standard entry
7	Cato	creeping	Pickseed West, Inc.
8	PRO/CUP	creeping	Forbes Seed & Grain, Inc.
9	Crenshaw	creeping	Loft's Seed, Inc.
10	Southshore	creeping	Loft's Seed, Inc.
11	Providence	creeping	Seed Research of OR, Inc.
12	SR 1020	creeping	Seed Research of OR, Inc.
13	Century (Syn 92-1)	creeping	E. F. Burlingham & Sons
14	Backspin (Syn 92-2)	creeping	Turf Merchants, Inc.
15	Imperial (Syn 92-5)	creeping	E. F. Burlingham & Sons
16	Penncross	creeping	Standard entry
17	Penn A-1 (A-1)	creeping	Tee-2-Green Corp.
18	Penn A-4 (A-4)	creeping	Tee-2-Green Corp.
19	Penn G-2 (G-2)	creeping	Tee-2-Green Corp.
20	Penn G-6 (G-6)	creeping	Tee-2-Green Corp.
21	Pennlinks	creeping	Tee-2-Green Corp.
22	DG-P	creeping	ProSeeds Marketing
23	MSUEB	creeping	Mississippi State Univ.
24	Loft's L-93 (L-93)	creeping	Loft's Seed, Inc.
25	Lopez	creeping	Finelawn Research, Inc.
26	Tendenz	colonial	Finelawn Research, Inc.
27	ISI-Ap-89150	creeping	International Seeds, Inc.
28	Mariner (Syn-1-88)	creeping	Pickseed West, Inc.

TABLE A.

1995 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1993 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
AZ1	SAND	7.6-8.5	0-60	0-150	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
GA1	SANDY CLAY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
GA2	SANDY CLAY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE 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	-	-	-	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	241-375	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KS1	SAND	7.6-8.5	151-270	0-150	3.1-4.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY1	SAND	7.1-7.5	0-60	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
KY2	SAND	7.1-7.5	0-60	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MA1	LOAM	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MI1	SAND	7.1-7.5	-	-	-	FULL SUN	0.0-0.5	TO PREVENT STRESS
MN1	SILTY CLAY LOAM	7.6-8.5	0-60	241-375	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MO1	SAND	6.6-7.0	151-270	151-240	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MS1	SAND	6.1-6.5	61-150	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
NJ1	SANDY LOAM	5.6-6.0	151-270	151-240	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
OK1	SAND	6.6-7.0	61-150	151-240	8.1+	FULL SUN	0.0-0.5	TO PREVENT STRESS
PA1	LOAMY SAND	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
QE1	-	-	-	-	-	-	-	-
RI1	SILT LOAM AND SILT	6.6-7.0	-	0-150	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
SC1	SANDY LOAM	6.1-6.5	-	-	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
TX1	LOAMY SAND	6.1-6.5	0-60	0-150	7.1-8.0	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
WA1	SILT LOAM AND SILT	5.6-6.0	271-450	501+	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WA3	SANDY LOAM	5.6-6.0	61-150	241-375	5.1-6.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
WA4	SAND	6.1-6.5	0-60	151-240	7.1-8.0	FULL SUN	0.0-0.5	TO PREVENT STRESS

TABLE A. (CONT'D)

FUNGICIDE USE IN 1995 (SUBMITTED TO NTEP)

LOCATION	FUNGICIDE	RATE (OZ/1000 SQ. FT.)	DATE(S) OF APPLICATION
NJ1	TRIADIMEFON	1	9/18
	METALAXYL	1.5	8/15
OK1	CHOLOROTHALONIL	9	4/4
	CHOLOROTHALONIL	4	5/3
	THIOPHANATE-METHYL	1	5/29
	METALAXYL	1	6/20
	CHOLOROTHALONIL	6	6/20, 6/30, 8/11
	CHOLOROTHALONIL (ULTREX)	0.16 (LBS)	7/28
	CHOLOROTHALONIL (ULTREX)	0.25 (LBS)	8/25
PA1	CHOLOROTHALONIL	4	9/19
	IPRODIONE	2	9/19
	TRIADIMEFON	0.1	9/19

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1995

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 RATING	SPRING GREENUP RATING
AZ1		X	X	X	X	X	X	X	X	X	X	X	X	X
GA1	X	X	X	X	X	X	X	X	X	X	X	X	X	
GA2	X	X	X	X	X	X		X	X	X	X	X	X	
IA1					X	X	X	X	X	X			X	
IL1				X	X	X	X	X	X	X			X	X
IL2			X	X	X	X	X	X	X	X			X	
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
MI1					X	X	X	X	X	X			X	
MN1					X	X	X	X	X	X			X	X
MO1				X	X	X	X	X	X	X			X	X
MS1					X	X	X	X					X	
NJ1			X	X	X	X	X	X	X	X	X		X	
OK1				X	X	X	X	X	X	X	X		X	X
PA1				X	X	X	X	X	X	X			X	X
QE1					X	X	X	X	X	X	X		X	
RI1					X	X	X	X	X	X	X		X	X
SC1	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	
VA1				X	X	X	X	X	X	X				
WA1				X	X	X	X	X	X	X			X	X
WA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WA4	X	X	X	X	X	X	X	X	X	X	X	X	X	X

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1995

LOCATION	LEAF TEXTURE	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	THATCH MEASUREMENTS	FUSARIUM PATCH	MELTING OUT SPRING	LEAF SPOT
AZ1	X	X	X	X				X					
GA1		X	X	X	X		X						
GA2		X		X	X		X						
IA1	X												
IL1	X												
IL2	X												
KS1	X												
KY1	X							X					
KY2	X												
MA1													
MI1	X												
MN1	X	X	X	X	X	X	X		X				
MO1	X					X	X						
MS1	X												
NJ1	X												
OK1	X	X	X	X	X	X	X	X					
PA1		X	X										X
QE1	X	X	X	X						X			
RI1	X												
SC1	X												
TX1	X												
VA1	X												
WA1	X										X		
WA3	X	X	X	X				X			X		
WA4	X	X	X	X				X				X	

TABLE B. (CONT'D)

LOCATIONS AND DATA COLLECTED IN 1995

LOCATION	DOLLAR SPOT	BROWN PATCH	PERCENT DOLLAR SPOT (MAY)	PERCENT DOLLAR SPOT (OCTOBER)	PERCENT BROWN PATCH (JUNE)	PERCENT BROWN PATCH (JULY)	PERCENT BROWN PATCH (AUGUST)	THATCH ASHED DRY WEIGHT	FALL COLOR	FALL AERIFICATION RECOVERY	WINTER DENSITY RATING	FAIRY RING
AZ1												
GA1												
GA2												
IA1		X										
IL1		X										
IL2												
KS1	X	X										
KY1			X	X	X	X	X					
KY2						X						
MA1												
MI1		X										
MN1	X											
MO1	X	X										
MS1												
NJ1	X	X										
OK1	X	X							X	X		
PA1	X	X										
QE1												
RI1												
SC1												
TX1	X											X
VA1	X											
WA1												
WA3					X						X	
WA4					X						X	

TABLE 1.

MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN ON
A GREEN AT TWENTY-FIVE LOCATIONS IN THE U.S. AND CANADA
1995 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																									
	AZ1	GA1	GA2	IA1	IL1	IL2	KS1	KY1	KY2	MA1	MI1	MN1	MD1	MS1	NJ1	OK1	PA1	QE1	RI1	SC1	TX1	VA1	WA1	WA3	WA4	MEAN
* LOFT'S L-93 (L-93)	7.2	4.4	1.2	5.8	5.4	6.8	7.1	8.3	7.7	6.1	6.2	5.7	7.5	6.0	7.4	7.0	7.8	7.5	6.8	5.2	7.2	6.5	7.2	5.9	5.6	6.4
* PENN A-1 (A-1)	6.8	4.1	1.0	5.3	5.1	5.7	6.5	7.3	7.3	5.8	5.6	6.3	7.6	5.0	7.0	7.2	7.6	7.2	6.1	6.8	6.9	6.0	6.8	5.7	5.8	6.1
* PENN G-2 (G-2)	6.5	4.1	1.2	6.7	5.3	5.7	5.7	7.4	7.7	5.7	6.1	6.2	6.8	4.9	6.7	7.0	7.3	7.1	6.9	5.8	6.6	5.4	6.9	5.7	5.6	6.0
* PENN A-4 (A-4)	7.7	3.9	1.1	4.8	4.9	6.3	5.9	7.8	7.9	4.4	6.2	5.8	7.6	4.4	6.3	7.2	7.1	7.4	5.6	6.1	7.0	5.8	7.4	6.0	6.1	6.0
* CATO	7.2	4.4	1.1	6.0	5.0	5.8	6.0	7.6	7.4	5.1	5.9	5.4	7.6	4.8	6.6	6.7	7.2	7.2	6.0	5.7	7.1	5.7	6.9	5.4	5.8	6.0
* PROVIDENCE	6.8	4.7	1.1	6.0	5.1	5.7	6.3	7.7	7.6	5.6	5.9	5.4	7.4	4.9	6.1	6.7	7.1	7.1	5.7	4.6	7.1	5.7	6.6	5.7	5.5	5.9
* PENN G-6 (G-6)	5.9	4.2	1.0	5.4	4.8	5.6	5.9	7.6	7.3	5.1	5.8	5.9	7.0	4.9	6.3	7.4	7.1	7.3	5.9	5.6	6.8	6.0	6.9	5.6	5.3	5.9
* SOUTHSORE	6.4	4.5	1.0	5.2	5.4	5.9	6.0	7.3	7.3	4.7	5.7	5.0	6.8	4.8	5.6	6.7	6.8	7.3	6.2	5.7	7.2	5.2	6.7	5.4	5.3	5.8
IMPERIAL (SYN 92-5)	6.3	4.0	1.0	5.9	5.0	7.0	4.7	7.0	7.6	5.0	5.7	4.8	7.0	4.8	5.3	6.0	5.8	7.3	6.0	4.8	7.0	5.2	6.1	5.5	6.0	5.6
CENTURY (SYN 92-1)	7.0	4.0	1.2	5.5	5.3	5.7	4.3	7.1	7.5	5.2	5.6	5.1	6.3	4.7	4.8	6.3	5.8	7.2	6.3	4.8	6.8	4.6	6.7	5.6	5.9	5.6
* PENNLINKS	5.8	4.3	1.1	5.2	5.1	6.2	6.2	7.7	6.8	5.3	5.8	4.9	7.6	4.5	5.6	5.7	6.4	6.9	5.7	5.1	6.7	5.1	5.9	4.7	4.8	5.6
* CRENSHAW	7.0	4.7	1.0	6.2	5.0	6.0	4.2	7.2	7.7	4.9	5.7	4.5	7.0	4.7	3.8	6.2	5.1	6.9	6.5	5.9	6.8	4.5	6.8	5.0	5.0	5.5
BAR WS 42102	5.4	3.5	1.1	5.8	5.0	4.6	5.5	7.6	7.4	5.4	5.8	5.6	7.0	5.0	5.3	6.0	6.6	7.1	6.3	3.3	6.6	5.0	7.0	4.8	5.0	5.5
* SR 1020	6.8	4.1	1.1	6.1	5.0	4.5	4.5	7.2	7.4	5.0	5.8	5.2	6.9	4.7	4.7	6.3	5.8	6.6	5.7	5.0	6.8	4.6	6.7	5.2	5.6	5.5
DG-P	5.6	4.2	1.1	5.3	5.0	6.8	5.6	7.3	7.0	5.3	5.5	4.6	7.4	4.8	5.0	6.0	6.2	6.9	5.1	3.5	6.9	4.9	6.4	5.1	.	5.5
SYN 92-2	5.9	4.1	1.1	5.0	5.0	6.4	4.9	6.7	7.4	5.0	5.7	5.0	6.7	5.5	4.5	6.0	5.8	7.1	5.6	4.9	6.2	5.0	6.7	5.1	5.3	5.5
ISI-AP-89150	6.0	3.8	1.1	5.8	4.7	5.0	5.9	7.9	7.2	4.4	5.5	5.6	7.1	4.2	5.3	5.8	6.2	7.2	6.0	3.9	7.0	4.6	6.3	4.8	5.1	5.5
MSUEB	6.0	4.3	1.1	5.3	4.8	6.6	6.1	7.0	6.9	4.9	5.6	4.8	7.5	5.1	4.9	5.8	5.9	6.0	4.8	5.4	6.9	5.1	6.1	4.6	3.7	5.4
* LOPEZ	5.5	4.0	3.8	5.2	5.2	5.2	5.2	7.6	7.0	4.9	5.7	4.7	7.6	4.8	4.7	5.8	5.4	6.2	5.9	2.9	6.9	4.5	6.0	4.6	4.4	5.4
* REGENT	6.1	4.6	1.3	5.3	4.5	5.3	5.8	7.0	7.0	4.8	5.7	4.6	6.7	4.7	5.0	5.6	5.7	6.4	5.2	4.1	7.3	4.6	6.2	4.7	4.6	5.3
* PRO/CUP	5.7	4.2	1.0	5.4	5.0	4.8	5.7	7.0	7.0	4.8	5.4	4.6	6.9	5.1	4.8	5.8	5.3	6.5	5.7	3.6	6.8	4.6	6.2	4.6	4.5	5.2
* TRUELINE	5.5	4.3	2.5	5.2	5.0	3.8	5.4	7.3	6.9	4.4	5.4	4.9	7.0	4.7	4.4	5.7	5.4	6.8	5.5	3.3	6.7	5.0	5.9	4.6	4.1	5.2
* MARINER (SYN-1-88)	5.6	4.5	1.0	4.9	4.9	5.5	5.1	7.2	7.5	4.9	5.4	4.4	6.5	4.3	3.7	5.3	4.8	6.1	5.4	4.8	6.9	4.2	5.6	4.8	4.7	5.1
* PENNCROSS	5.3	4.1	1.3	5.4	4.8	6.3	6.0	7.1	6.8	4.7	5.6	4.3	7.3	4.8	3.6	5.3	5.1	6.3	4.0	3.8	6.7	4.4	5.7	4.1	4.8	5.1
* 18TH GREEN	6.0	3.4	1.0	5.9	4.1	4.7	4.1	6.8	7.7	4.7	5.5	4.1	7.0	4.2	3.6	5.8	4.8	7.0	5.4	3.3	6.8	4.7	6.1	4.4	4.5	5.0
BAR AS 492	3.2	5.9	5.4	4.1	3.5	4.5	5.8	3.4	4.7	3.7	4.2	4.2	5.7	3.8	3.0	2.8	3.1	6.0	3.2	3.4	6.5	4.1	5.0	4.1	3.3	4.3
* TENDENZ	3.7	4.9	4.2	3.7	3.0	5.1	5.1	4.8	4.6	4.1	4.4	.	5.5	4.3	2.6	2.6	4.0	6.0	2.1	1.5	7.0	3.7	4.8	3.6	3.6	4.1
* SEASIDE	4.2	4.9	2.5	3.8	3.4	2.5	5.1	5.7	4.8	3.6	4.3	3.9	5.0	4.2	2.0	3.6	3.5	5.0	4.0	2.5	7.0	3.3	4.3	3.6	2.8	4.0
LSD VALUE	0.6	0.7	0.3	1.0	0.7	1.9	0.6	0.5	0.5	0.5	0.6	0.9	0.5	1.0	0.5	0.5	0.5	0.7	0.8	0.6	0.6	0.6	0.7	0.5	0.6	0.1

* COMMERCIALY AVAILABLE IN THE USA IN 1996

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

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS FOR EACH MONTH GROWN ON A GREEN AT TWENTY-FIVE LOCATIONS IN THE U.S. AND CANADA 1995 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
LOFT'S L-93 (L-93)	4.4	4.3	5.8	6.1	6.3	6.7	6.4	6.5	6.4	6.7	6.4	5.1	6.4
PENN A-1 (A-1)	4.1	4.6	5.3	6.0	6.2	6.3	6.3	6.2	6.2	6.6	6.3	5.1	6.1
PENN G-2 (G-2)	4.1	4.3	5.3	5.9	6.1	6.3	6.2	5.8	6.1	6.6	6.0	5.0	6.0
PENN A-4 (A-4)	4.5	5.0	5.5	6.0	6.3	6.3	6.1	6.1	6.0	6.4	6.2	5.3	6.0
CATO	4.1	4.3	5.5	5.6	6.1	6.2	6.1	6.1	6.2	6.3	5.8	5.2	6.0
PROVIDENCE	4.0	4.5	5.3	6.0	6.0	6.0	5.9	5.9	6.1	6.2	5.9	4.8	5.9
PENN G-6 (G-6)	3.6	4.2	5.5	5.6	6.0	6.0	6.2	6.0	6.0	6.2	5.8	4.2	5.9
SOUTHSHORE	4.4	4.5	5.6	5.7	5.9	6.1	5.8	5.7	5.8	5.9	5.9	4.7	5.8
IMPERIAL (SYN 92-5)	4.0	4.2	5.7	5.7	5.9	5.9	5.6	5.6	5.5	5.9	5.4	4.7	5.6
CENTURY (SYN 92-1)	4.2	4.5	5.5	5.7	5.7	5.7	5.7	5.6	5.5	5.8	5.5	4.7	5.6
PENNLINKS	4.1	4.0	5.5	5.5	5.6	5.8	5.6	5.6	5.6	5.7	5.3	4.5	5.6
CRENSHAW	3.4	4.2	5.5	5.4	5.6	5.8	5.7	5.6	5.5	5.9	5.6	4.2	5.5
BAR WS 42102	3.2	3.7	4.7	5.3	5.7	6.0	5.6	5.5	5.6	5.6	4.7	3.3	5.5
SR 1020	4.2	4.4	5.2	5.4	5.4	5.6	5.5	5.4	5.6	5.8	5.8	5.0	5.5
DG-P	3.9	3.9	5.1	5.1	5.3	5.4	5.4	5.6	5.7	6.0	5.4	4.6	5.5
SYN 92-2	3.6	4.0	5.4	5.5	5.8	5.7	5.5	5.5	5.3	5.6	5.0	4.4	5.5
ISI-AP-89150	3.5	4.0	5.3	5.0	5.4	5.8	5.3	5.4	5.8	5.8	5.3	4.5	5.5
MSUEB	3.8	4.0	4.9	5.4	5.3	5.5	5.5	5.5	5.7	5.6	5.1	4.5	5.4
LOPEZ	3.7	3.9	4.9	5.0	5.2	5.5	5.4	5.4	5.6	5.9	5.3	4.5	5.4
REGENT	4.1	3.9	5.4	5.0	5.1	5.4	5.3	5.5	5.5	5.7	5.2	4.4	5.3
PRO/CUP	3.5	3.7	5.4	4.8	5.1	5.3	5.4	5.3	5.2	5.4	5.1	4.2	5.2
TRUELINE	3.5	3.6	5.3	4.9	5.0	5.2	5.2	5.3	5.4	5.4	5.2	4.3	5.2
MARINER (SYN-1-88)	4.3	4.1	5.2	4.9	5.1	5.2	5.0	5.2	5.3	5.5	4.9	4.4	5.1
PENNCROSS	3.7	3.9	5.0	5.1	5.1	5.2	5.0	5.1	5.2	5.3	4.7	4.0	5.1
18TH GREEN	3.1	3.6	4.6	4.8	5.1	5.4	5.4	5.4	5.0	5.1	4.3	3.6	5.0
BAR AS 492	4.6	4.1	4.2	4.0	4.1	4.0	4.0	4.0	4.8	4.7	5.0	4.5	4.3
TENDENZ	3.7	3.6	4.2	4.0	4.1	4.3	3.8	3.8	4.6	4.4	4.1	3.9	4.1
SEASIDE	3.7	3.4	4.0	3.7	3.7	3.8	3.7	3.9	4.5	4.3	4.4	4.0	4.0
LSD VALUE	1.4	1.2	1.0	0.7	0.5	0.5	0.4	0.5	0.6	0.6	0.9	1.2	0.4

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).

TABLE 3.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS GROWN 1/
ON GREEN AT TWENTY-FIVE LOCATIONS IN THE U.S. AND CANADA
1995 DATA

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

NAME	AZ1	GA1	GA2	IA1	IL1	IL2	KS1	KY1	KY2	MA1	MI1	MN1	MO1	MS1	NJ1	OK1	PA1	QE1	RI1	SC1	TX1	VA1	WA1	WA3	WA4	MEAN
LOFT'S L-93 (L-93)	3.0	9.0	9.0	9.0	2.0	2.5	1.0	1.0	4.0	1.0	1.0	5.0	6.0	1.0	1.0	4.0	1.0	1.0	2.0	9	2.0	1.0	2.0	2.0	6.0	1
PENN A-1 (A-1)	6.5	20.5	25.5	15.5	6.5	14.5	2.0	12.0	14.0	2.0	17.0	1.0	3.5	5.5	2.0	3.0	2.0	9.0	7.0	1	11.0	2.5	7.5	4.0	4.0	2
PENN G-2 (G-2)	9.0	20.5	8.0	1.0	3.0	14.5	14.0	10.0	4.0	3.0	3.0	2.0	20.5	8.0	3.0	5.0	3.0	10.5	1.0	4	26.0	7.0	5.5	4.0	7.5	3
PENN A-4 (A-4)	1.0	25.0	11.0	25.0	19.0	6.5	10.0	3.0	1.0	24.0	2.0	4.0	3.5	22.0	5.5	2.0	6.5	2.0	18.0	2	6.0	4.0	1.0	1.0	1.0	4
CATO	2.0	10.0	18.0	4.5	12.0	11.0	7.0	7.0	11.5	10.0	4.0	8.0	1.0	13.5	4.0	8.0	4.0	8.0	8.5	5	4.5	6.0	5.5	9.5	5.0	5
PROVIDENCE	6.5	4.0	18.0	4.5	6.5	12.5	3.0	5.0	6.0	4.0	5.0	9.0	8.5	8.0	7.0	6.5	6.5	12.5	13.5	16	4.5	5.0	13.0	4.0	9.0	6
PENN G-6 (G-6)	17.0	15.0	25.5	13.0	21.0	16.0	10.0	7.0	16.0	9.0	8.0	3.0	13.0	8.0	5.5	1.0	5.0	4.5	11.0	7	17.5	2.5	4.0	7.0	10.0	7
SOUTHSHORE	10.0	8.0	21.5	21.5	1.0	10.0	7.0	13.5	15.0	20.5	12.0	12.5	20.5	13.5	8.0	6.5	8.0	4.5	6.0	6	3.0	8.0	10.0	9.5	12.0	8
IMPERIAL (SYN 92-5)	11.0	24.0	25.5	6.5	12.0	1.0	24.0	21.0	7.0	11.5	12.0	16.5	16.0	10.5	12.0	14.5	15.5	3.0	10.0	14	10.0	9.0	20.0	8.0	2.0	9
CENTURY (SYN 92-1)	4.0	22.5	10.0	11.0	4.0	12.5	26.0	18.0	8.0	8.0	18.5	11.0	25.0	18.0	16.0	9.0	17.0	6.5	4.0	14	20.0	18.5	9.0	6.0	3.0	10
PENNLINKS	18.0	13.0	13.5	19.5	8.0	8.0	4.0	4.0	24.5	6.0	8.0	14.5	3.5	21.0	9.0	22.0	10.0	15.5	13.5	10	22.5	10.0	22.0	18.5	17.0	11
CRENSHAW	5.0	5.0	21.5	2.0	15.5	9.0	27.0	15.5	4.0	16.0	12.0	22.0	16.0	18.0	22.0	11.0	22.5	17.0	3.0	3	17.5	23.0	7.5	14.0	15.0	12
BAR WS 42102	24.0	27.0	18.0	10.0	15.5	24.0	17.0	9.0	11.5	5.0	8.0	6.0	16.0	5.5	10.0	14.5	9.0	10.5	5.0	24	25.0	14.0	3.0	15.5	14.0	13
SR 1020	8.0	19.0	13.5	3.0	12.0	25.5	25.0	15.5	11.5	13.0	6.0	10.0	18.5	18.0	19.0	10.0	15.5	19.0	15.5	11	17.5	21.0	11.5	11.0	7.5	14
DG-P	21.0	14.0	18.0	17.5	15.5	2.5	16.0	11.0	18.5	9.0	21.0	19.5	8.5	10.5	13.0	12.5	11.5	15.5	23.0	21	15.0	15.0	14.0	13.0	.	15
SYN 92-2	16.0	17.0	18.0	23.0	15.5	5.0	23.0	25.0	11.5	11.5	12.0	12.5	23.0	2.0	20.0	12.5	14.0	12.5	17.0	12	28.0	12.5	11.5	12.0	11.0	16
ISI-AP-89150	14.5	26.0	13.5	8.0	23.0	21.0	10.0	2.0	17.0	23.0	21.0	7.0	11.0	26.0	11.0	20.0	11.5	6.5	8.5	18	8.0	18.5	15.0	15.5	13.0	17
MSUEB	13.0	11.5	13.5	15.5	21.0	4.0	5.0	23.0	22.5	14.5	16.0	16.5	7.0	3.5	15.0	17.0	13.0	27.0	24.0	8	13.5	11.0	18.5	22.0	24.0	18
LOPEZ	22.5	22.5	3.0	21.5	5.0	19.0	19.0	7.0	18.5	14.5	12.0	18.0	3.5	13.5	18.0	17.0	19.5	23.0	12.0	26	12.0	22.0	21.0	23.0	22.0	19
REGENT	12.0	6.0	7.0	17.5	24.0	18.0	12.0	21.0	20.0	18.5	15.0	21.0	22.0	18.0	14.0	23.0	18.0	21.0	22.0	17	1.0	18.5	16.0	18.5	19.0	20
PRO/CUP	19.0	16.0	25.5	13.0	9.5	22.0	15.0	21.0	21.0	18.5	23.0	19.5	18.5	3.5	17.0	19.0	21.0	20.0	15.5	20	21.0	18.5	17.0	20.0	21.0	21
TRUELINE	22.5	11.5	4.0	19.5	9.5	27.0	18.0	13.5	22.5	25.0	24.5	14.5	13.0	18.0	21.0	21.0	19.5	18.0	19.0	24	22.5	12.5	23.0	21.0	23.0	22
MARINER (SYN-1-88)	20.0	7.0	25.5	24.0	18.0	17.0	22.0	17.0	9.0	17.0	24.5	23.0	24.0	23.5	23.0	24.0	24.5	24.0	20.5	14	13.5	25.0	25.0	17.0	18.0	23
PENNCROSS	25.0	18.0	6.0	13.0	21.0	6.5	7.0	19.0	24.5	20.5	18.5	24.0	10.0	13.5	24.5	25.0	22.5	22.0	25.0	19	24.0	24.0	24.0	26.0	16.0	24
18TH GREEN	14.5	28.0	25.5	6.5	25.0	23.0	28.0	24.0	2.0	22.0	21.0	26.0	13.0	26.0	24.5	17.0	24.5	14.0	20.5	24	17.5	16.0	18.5	24.0	20.0	25
BAR AS 492	28.0	1.0	1.0	26.0	26.0	25.5	13.0	28.0	27.0	27.0	28.0	25.0	26.0	28.0	26.0	27.0	28.0	26.0	27.0	22	27.0	26.0	26.0	25.0	26.0	26
TENDENZ	27.0	2.5	2.0	28.0	28.0	20.0	20.5	27.0	28.0	26.0	26.0	.	27.0	23.5	27.0	28.0	26.0	25.0	28.0	28	9.0	27.0	27.0	27.0	25.0	27
SEASIDE	26.0	2.5	5.0	27.0	27.0	28.0	20.5	26.0	26.0	28.0	27.0	27.0	28.0	26.0	28.0	26.0	27.0	28.0	26.0	27	7.0	28.0	28.0	28.0	27.0	28

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.

GENETIC COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	AZ1	GA1	GA2	IA1	IL1	IL2	KS1	KY1	KY2	MA1	MI1	MN1	MO1	MS1	NJ1	OK1	PA1	QE1	RI1	SC1	TX1	WA1	WA3	WA4	MEAN
18TH GREEN	6.3	4.0	2.0	7.0	7.7	4.3	7.7	9.0	9.0	5.7	5.3	4.0	9.0	6.3	6.0	7.3	9.0	7.0	8.3	7.7	7.3	7.7	8.3	7.7	6.8
LOFT'S L-93 (L-93)	7.0	3.0	2.3	7.0	7.3	8.0	7.7	8.3	7.0	4.7	6.0	6.3	8.0	6.3	8.0	8.0	6.3	7.3	7.3	6.7	7.3	8.0	7.7	6.7	6.8
CATO	6.3	3.3	1.7	7.0	8.0	7.7	7.7	7.7	7.3	4.7	6.0	6.0	8.0	5.3	7.0	7.0	6.7	7.0	8.3	7.7	7.7	8.3	8.0	6.7	6.7
PROVIDENCE	7.3	3.3	3.0	6.3	7.7	6.0	7.7	7.0	6.3	4.0	6.0	5.7	8.3	6.0	7.0	8.3	6.0	7.7	7.7	7.0	7.7	7.7	8.0	7.7	6.6
ISI-AP-89150	6.3	3.0	2.3	8.0	7.7	5.3	7.0	8.3	7.0	5.0	6.3	6.7	8.0	5.7	5.3	7.7	6.7	8.0	7.0	7.0	7.3	8.0	7.7	7.0	6.6
CRENSHAW	7.0	3.3	2.3	6.3	7.3	6.7	7.7	7.3	7.0	4.0	5.7	5.3	8.7	5.0	5.0	7.7	6.7	6.3	7.0	7.7	7.3	8.0	8.0	7.3	6.4
DG-P	6.7	3.0	2.3	6.3	7.3	7.3	7.3	8.0	7.0	4.3	6.0	5.7	8.0	5.3	5.0	7.3	6.0	8.0	5.7	6.3	7.7	7.0	7.7	.	6.3
PENN A-4 (A-4)	7.0	3.0	2.7	6.7	7.0	7.0	8.0	8.7	5.0	4.3	5.7	5.7	7.3	5.7	5.7	8.3	6.0	7.7	6.3	5.7	8.0	8.3	6.0	5.3	6.3
PENN A-1 (A-1)	6.0	3.7	1.7	7.0	7.0	6.3	7.7	8.0	5.3	4.0	5.7	6.3	8.3	5.7	7.3	7.3	6.7	7.0	7.0	7.0	7.3	7.0	6.3	5.3	6.3
PENN G-6 (G-6)	6.3	3.0	3.3	6.7	6.7	6.0	7.3	8.0	6.3	3.7	6.0	5.3	8.0	5.3	6.7	6.7	5.0	7.7	7.0	7.0	7.3	7.7	6.7	6.0	6.2
TRUELINE	6.0	3.3	4.0	6.7	6.7	4.3	7.3	7.0	6.7	4.3	5.7	6.0	8.3	6.0	5.7	6.7	5.0	7.0	5.0	6.7	7.7	7.3	8.0	7.3	6.2
SOUTHSHORE	5.7	3.3	3.0	6.7	7.3	5.7	7.3	7.0	6.3	4.0	5.7	5.0	7.7	6.0	5.3	7.0	5.7	7.3	7.0	7.0	7.7	7.3	7.0	6.7	6.2
PENN G-2 (G-2)	5.3	3.0	3.0	8.0	6.7	6.3	8.0	7.3	6.3	5.0	6.0	5.7	8.0	5.7	7.0	6.0	4.7	6.7	6.3	6.3	7.0	6.7	6.7	6.3	6.2
LOPEZ	6.0	3.0	4.0	6.3	6.7	5.3	6.3	8.0	6.0	4.7	6.0	5.7	8.3	6.3	5.0	6.3	5.3	6.3	6.7	5.3	6.7	7.3	6.7	7.7	6.1
BAR WS 42102	5.0	3.7	3.0	6.3	7.0	5.7	7.0	7.7	9.0	4.3	6.3	6.0	8.0	6.0	4.7	7.0	4.3	6.3	6.0	6.0	7.3	7.0	6.3	6.0	6.1
IMPERIAL (SYN 92-5)	5.7	3.3	1.7	7.7	7.0	7.7	7.0	7.3	7.0	4.3	5.7	5.3	8.0	5.3	4.0	7.3	5.3	7.0	6.0	5.7	7.7	7.0	6.0	5.7	6.0
REGENT	6.0	3.3	3.0	6.0	7.0	5.0	7.0	6.0	7.3	4.7	6.3	5.0	7.7	5.3	5.3	6.7	6.0	6.7	5.3	6.7	7.0	7.7	7.0	6.3	6.0
MSUEB	6.0	3.0	1.0	6.3	7.7	7.3	6.7	7.3	6.3	4.0	6.0	5.0	8.3	5.7	4.3	6.3	5.7	6.0	5.0	7.0	7.3	7.0	7.3	7.0	6.0
PENNCROSS	6.0	3.3	3.0	6.3	7.0	6.3	7.0	7.3	6.0	4.3	5.3	5.3	7.7	5.3	4.7	6.7	5.3	6.3	6.3	6.7	7.3	6.3	6.7	6.3	6.0
PENNLINKS	5.7	3.0	3.0	6.7	7.0	6.0	6.7	7.3	5.3	4.7	6.3	5.7	8.0	5.3	4.3	6.7	4.3	7.7	5.0	7.0	7.7	6.0	6.3	6.0	5.9
SR 1020	6.3	3.7	3.0	7.3	7.0	3.7	7.0	6.7	6.0	4.3	5.7	5.0	7.7	5.7	4.7	6.3	5.7	6.7	6.0	6.7	5.3	7.7	6.7	6.3	5.9
CENTURY (SYN 92-1)	5.0	3.3	2.0	7.0	7.0	6.0	6.7	7.7	6.3	4.0	6.0	4.7	8.0	4.7	4.0	6.0	4.0	7.7	7.0	6.3	8.0	6.7	6.7	5.7	5.8
PRO/CUP	5.7	3.3	2.3	6.0	6.3	5.7	7.0	7.0	6.3	4.3	6.0	5.7	7.3	5.3	4.3	6.7	4.0	7.3	6.0	6.3	6.3	7.3	7.0	6.7	5.8
SYN 92-2	5.0	3.7	2.0	6.7	6.7	6.7	6.3	7.0	5.3	4.3	6.0	4.7	7.7	5.0	3.3	5.7	4.0	7.0	5.3	6.3	6.7	6.3	5.7	5.7	5.5
MARINER (SYN-1-88)	5.0	3.0	3.0	5.7	7.0	5.0	7.0	6.3	6.0	3.7	5.3	5.7	8.0	5.3	2.7	6.3	5.0	6.0	5.3	6.3	7.0	6.7	5.7	5.0	5.5
BAR AS 492	4.7	5.0	4.0	5.7	6.7	4.3	7.0	1.7	5.0	6.0	5.0	5.0	7.3	4.3	3.0	5.7	6.0	6.3	3.7	6.7	7.0	6.7	6.0	5.0	5.3
TENDENZ	5.0	5.0	4.7	4.7	7.0	5.0	6.3	1.0	4.3	6.7	4.0	.	6.7	5.0	3.0	6.0	6.3	6.3	3.0	8.0	7.0	6.7	5.3	4.0	5.3
SEASIDE	4.0	3.3	3.3	5.3	6.7	2.7	7.3	4.3	4.0	3.7	5.3	5.7	6.7	5.0	1.3	3.0	3.0	5.3	3.0	3.3	8.0	6.3	5.7	4.7	4.6
LSD VALUE	0.6	0.7	1.5	1.3	0.8	1.9	1.1	0.9	1.2	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.1	1.2	0.7	1.3	1.7	1.2	1.4	1.4	0.2

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).

TABLE 5.

SPRING GREENUP RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	AZ1	IL1	KS1	MA1	MN1	MO1	OK1	PA1	RI1	SC1	WA1	WA3	WA4	MEAN
TENDENZ	4.0	7.0	5.0	3.3	.	6.0	6.0	9.0	8.0	8.3	7.0	8.7	8.3	6.7
SOUTHSHORE	4.7	6.7	6.3	2.3	5.3	7.7	3.3	5.7	5.0	7.0	7.7	7.7	8.0	5.9
CATO	5.3	6.7	6.0	2.7	5.3	7.7	4.0	6.0	5.3	7.3	7.0	6.7	7.0	5.9
LOFT'S L-93 (L-93)	5.7	6.3	6.3	3.0	5.0	7.3	3.3	5.0	5.3	7.0	7.0	7.0	8.0	5.9
PROVIDENCE	5.7	7.0	6.0	3.7	5.3	7.7	3.7	5.3	4.3	6.7	7.0	7.0	7.0	5.9
ISI-AP-89150	5.3	7.3	5.7	3.0	5.3	7.7	4.7	5.7	4.7	6.0	7.0	6.7	7.0	5.8
PENN A-4 (A-4)	5.7	7.7	7.0	2.3	5.0	7.3	5.3	2.3	3.7	6.0	7.3	7.3	7.7	5.7
CENTURY (SYN 92-1)	4.0	6.3	6.3	3.0	5.0	7.0	4.0	5.3	5.3	6.3	7.3	6.7	7.7	5.7
PRO/CUP	4.7	6.3	5.7	2.7	6.0	7.7	4.0	4.7	5.3	6.7	7.3	6.3	7.0	5.7
SYN 92-2	4.3	6.3	6.3	3.0	6.0	6.7	4.7	5.3	6.0	6.0	7.3	5.3	7.0	5.7
PENN G-6 (G-6)	5.3	6.3	5.7	3.0	6.0	7.0	3.7	3.7	4.7	7.0	7.0	6.7	8.0	5.7
PENN G-2 (G-2)	5.0	6.7	6.0	2.7	6.3	7.0	4.7	3.0	3.7	7.0	6.7	7.3	7.7	5.7
PENNCROSS	4.7	5.3	5.0	3.0	5.7	7.0	3.0	5.3	4.7	7.0	7.3	7.7	7.7	5.6
REGENT	5.0	6.7	5.7	2.7	5.3	7.0	4.3	5.7	6.3	4.7	7.0	5.3	7.7	5.6
TRUELINE	4.7	6.7	6.0	3.0	4.7	7.3	2.7	5.3	4.3	6.7	7.0	7.7	6.7	5.6
DG-P	5.0	7.3	4.7	2.3	5.0	7.3	4.0	6.7	5.3	5.3	7.3	6.3	.	5.6
CRENSHAW	5.0	7.0	6.0	2.0	5.0	7.3	4.0	2.7	5.0	6.3	8.0	6.3	7.3	5.5
LOPEZ	4.3	7.0	5.0	2.7	5.0	7.3	4.0	5.3	4.7	5.7	7.3	6.3	7.0	5.5
SR 1020	5.0	6.7	6.0	2.3	5.3	7.3	3.0	4.7	5.0	6.0	7.0	6.0	7.0	5.5
IMPERIAL (SYN 92-5)	4.0	7.7	5.7	2.7	4.7	7.3	4.0	5.0	4.7	6.0	6.7	6.0	6.7	5.5
18TH GREEN	4.3	6.3	6.0	3.3	6.0	8.0	1.3	1.7	4.7	7.7	5.7	8.0	8.0	5.5
PENNLINKS	4.3	5.7	5.3	3.0	5.7	7.0	4.0	4.7	5.7	6.3	7.0	6.0	6.3	5.5
BAR AS 492	4.0	6.3	6.0	2.7	4.7	6.3	6.0	4.7	6.0	4.3	6.7	5.3	7.0	5.4
BAR WS 42102	4.7	6.7	6.3	2.7	5.3	7.0	3.0	3.0	3.7	6.3	6.7	6.3	7.3	5.3
MSUEB	5.0	5.3	4.7	2.7	5.3	7.0	3.0	5.3	4.0	5.7	7.0	6.7	6.7	5.3
PENN A-1 (A-1)	5.0	6.3	6.3	2.3	5.7	7.0	3.7	1.7	3.7	6.0	7.0	6.3	7.0	5.2
MARINER (SYN-1-88)	4.0	5.7	5.0	2.3	5.3	7.3	3.7	4.3	3.7	5.0	6.7	5.7	7.0	5.1
SEASIDE	3.0	6.0	4.0	2.7	4.3	5.7	3.0	4.7	4.3	3.3	6.0	6.3	7.7	4.7
LSD VALUE	0.7	1.0	1.2	1.3	1.5	0.7	1.0	1.4	1.9	0.8	0.9	1.0	1.2	0.3

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).

TABLE 6.

LEAF TEXTURE RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	AZ1	IA1	IL1	IL2	KS1	KY1	KY2	MI1	MN1	MO1	MS1	NJ1	OK1	QE1	RI1	SC1	TX1	VA1	WA1	WA3	WA4	MEAN
PENN G-2 (G-2)	8.0	8.3	9.0	6.3	7.3	8.3	9.0	6.0	6.7	8.3	6.0	8.7	9.0	7.3	7.0	7.0	8.7	6.7	8.0	8.3	8.0	7.7
CENTURY (SYN 92-1)	8.0	7.7	9.0	7.7	9.0	8.3	9.0	5.0	6.0	7.7	6.3	7.3	9.0	7.7	7.7	5.7	8.7	6.7	8.3	8.3	8.0	7.7
PENN A-1 (A-1)	7.7	7.0	9.0	7.3	8.3	8.7	8.7	6.0	7.3	8.0	6.0	8.7	9.0	6.3	7.0	7.7	9.0	7.3	8.0	8.3	5.7	7.7
PENN A-4 (A-4)	8.7	7.0	9.0	6.0	9.0	9.0	9.0	5.3	7.0	7.0	6.0	8.0	9.0	7.3	7.3	6.3	8.7	7.0	8.7	8.0	7.0	7.6
PENN G-6 (G-6)	7.3	7.0	8.7	5.3	8.7	8.7	9.0	5.7	6.7	8.0	6.0	7.7	9.0	7.7	7.3	6.7	9.0	7.0	8.3	7.7	8.0	7.6
BAR WS 42102	7.7	8.0	9.0	8.0	8.3	8.7	9.0	5.3	7.0	7.7	5.3	7.0	8.3	6.7	7.0	4.0	8.7	6.0	8.3	8.0	7.7	7.4
LOFT'S L-93 (L-93)	7.7	7.0	9.0	7.0	8.7	8.3	8.7	5.3	5.7	7.7	6.0	7.7	8.7	7.0	6.0	5.7	9.0	6.7	8.0	8.0	8.0	7.4
CATO	7.3	7.0	9.0	8.3	8.7	9.0	9.0	6.0	6.3	8.3	5.7	7.3	8.0	7.3	6.3	5.7	8.3	6.3	8.0	6.7	7.0	7.4
IMPERIAL (SYN 92-5)	7.3	7.3	8.7	7.0	8.0	8.3	9.0	5.0	5.7	7.7	6.0	7.3	8.3	7.3	6.7	5.3	7.0	6.0	8.3	7.3	8.0	7.2
SOUTHSHORE	7.0	7.0	8.3	7.7	8.0	7.3	9.0	5.7	5.0	8.0	6.3	6.7	7.7	7.0	7.0	6.0	9.0	5.3	7.7	8.3	7.7	7.2
SYN 92-2	7.0	7.3	9.0	8.3	8.0	7.3	9.0	5.3	6.0	7.7	5.3	6.7	8.3	6.7	7.0	5.3	8.7	5.7	8.0	7.7	7.0	7.2
CRENSHAW	7.0	8.0	9.0	6.3	8.3	8.7	9.0	5.0	6.0	8.0	6.0	5.0	7.0	5.7	5.7	6.3	9.0	5.3	8.0	7.3	6.7	7.0
SR 1020	7.3	8.0	9.0	6.7	8.0	7.7	8.3	5.3	5.3	7.3	5.3	6.0	8.0	6.0	6.0	6.3	7.7	5.3	8.0	7.0	6.7	6.9
PROVIDENCE	7.0	7.0	8.7	7.3	7.3	7.7	9.0	5.3	5.3	7.7	6.0	5.7	8.0	6.0	6.0	4.7	8.0	5.3	7.3	7.0	6.7	6.8
ISI-AP-89150	6.0	8.3	8.0	6.3	6.7	8.7	8.7	5.7	5.3	7.0	5.7	5.7	7.0	8.0	5.7	3.3	7.0	5.0	7.7	5.3	7.0	6.6
PENNLINKS	6.3	6.3	8.3	8.7	6.0	8.0	7.0	5.7	5.3	7.3	5.3	5.3	7.0	6.7	6.7	5.3	8.3	4.7	7.3	5.3	6.0	6.5
DG-P	6.0	6.7	8.3	8.3	6.3	8.0	7.7	5.0	4.7	8.3	5.7	5.7	6.7	5.7	5.3	4.0	8.3	5.3	8.0	5.7	.	6.5
MSUEB	6.7	6.7	8.3	6.3	6.3	7.7	7.0	5.7	4.7	8.0	5.7	4.7	6.3	5.3	6.0	5.7	7.3	4.0	7.0	6.3	6.7	6.3
REGENT	6.3	6.7	8.7	7.0	7.0	7.0	7.3	6.0	4.7	8.0	5.3	4.7	6.7	5.3	4.7	4.0	8.0	5.0	7.7	5.7	6.3	6.3
18TH GREEN	5.7	7.0	8.7	4.7	7.3	8.0	8.0	4.3	4.0	7.3	5.7	4.0	7.0	6.7	5.7	3.7	7.3	6.3	7.3	6.3	6.3	6.3
TRUELINE	6.0	7.0	8.0	5.7	7.0	6.7	7.0	5.7	5.3	8.3	5.3	3.7	6.7	6.0	5.3	3.7	7.7	4.0	7.0	6.0	5.3	6.1
MARINER (SYN-1-88)	6.0	5.7	8.7	4.3	6.3	7.7	7.0	5.0	4.3	8.0	5.0	3.0	7.0	5.0	6.7	5.3	8.0	4.0	7.0	6.3	6.7	6.0
LOPEZ	6.3	6.0	8.0	4.0	6.3	7.3	7.7	6.0	5.0	8.0	5.3	4.7	7.0	5.3	5.3	4.0	7.3	4.3	6.7	5.7	5.3	6.0
PRO/CUP	6.3	6.0	8.3	3.3	7.0	7.7	7.0	5.3	4.3	7.7	5.7	4.7	6.3	5.7	6.0	4.0	7.3	3.7	6.3	6.0	6.0	5.9
PENNCROSS	5.3	6.7	8.0	6.0	5.7	7.0	7.0	5.7	4.0	8.0	4.7	3.0	6.0	5.0	5.3	4.3	8.7	3.0	6.7	4.3	4.7	5.7
BAR AS 492	3.3	5.3	8.3	3.7	7.3	7.0	7.0	4.0	5.0	7.3	4.0	3.3	5.0	5.0	5.3	2.0	7.7	6.0	7.3	7.7	7.0	5.7
TENDENZ	4.3	4.3	7.7	6.3	5.0	7.0	7.0	3.3	.	7.7	5.3	2.7	5.0	6.0	4.3	2.3	8.3	4.0	8.3	5.7	5.7	5.5
SEASIDE	4.0	4.3	7.0	1.3	5.7	5.0	6.0	5.0	4.3	7.0	5.0	1.7	4.7	4.3	4.3	2.3	8.7	2.7	6.0	3.3	3.0	4.6
LSD VALUE	0.8	1.3	0.6	3.3	0.9	1.1	0.6	1.1	1.3	0.8	1.1	1.1	0.8	1.7	0.8	1.0	1.0	1.6	1.2	1.2	1.4	0.3

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).

TABLE 7. SPRING DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/									
	AZ1	GA1	GA2	MN1	OK1	PA1	QE1	WA3	WA4	MEAN
PENN A-1 (A-1)	7.3	3.0	1.0	7.3	9.0	8.7	7.7	8.3	7.3	6.6
PENN A-4 (A-4)	9.0	2.7	1.0	6.7	9.0	8.3	7.3	8.3	6.7	6.6
PENN G-2 (G-2)	8.3	2.7	1.0	7.3	9.0	8.3	7.3	7.7	6.7	6.5
CENTURY (SYN 92-1)	8.7	2.3	1.0	5.7	9.0	7.3	8.0	7.0	8.0	6.3
BAR WS 42102	8.0	2.3	1.0	6.3	8.7	6.3	8.0	7.7	8.0	6.3
PENN G-6 (G-6)	7.0	3.0	1.0	6.0	9.0	8.0	8.0	7.0	7.3	6.3
LOFT'S L-93 (L-93)	7.7	3.3	1.0	6.0	9.0	8.0	7.0	6.7	7.0	6.2
CATO	6.7	2.7	1.0	6.3	8.3	7.0	7.0	7.3	7.3	6.0
IMPERIAL (SYN 92-5)	7.7	2.3	1.0	5.7	8.3	6.7	8.3	5.7	7.3	5.9
PROVIDENCE	7.3	3.3	1.0	6.0	8.0	7.3	8.0	6.3	5.7	5.9
SOUTHSHORE	7.3	3.0	1.0	6.0	8.3	7.3	8.7	5.3	6.0	5.9
SYN 92-2	7.3	3.0	1.0	6.3	8.7	6.3	7.7	6.7	5.7	5.9
SR 1020	7.0	4.0	1.0	6.0	8.0	5.7	7.3	6.0	6.0	5.7
PENNLINKS	6.7	3.0	1.0	5.7	7.3	5.7	8.0	6.0	5.3	5.4
CRENSHAW	7.7	3.0	1.0	5.7	7.0	5.0	8.0	5.7	5.7	5.4
ISI-AP-89150	6.0	2.7	1.0	6.3	7.0	6.3	7.0	6.0	6.3	5.4
PRO/CUP	6.3	2.7	1.0	5.7	6.7	5.3	8.0	6.0	5.7	5.3
18TH GREEN	6.7	2.3	1.0	6.3	6.7	6.3	8.7	4.0	5.0	5.2
DG-P	5.7	2.7	1.0	5.3	8.0	5.7	8.0	5.0	.	5.2
MARINER (SYN-1-88)	6.0	3.7	1.0	5.7	6.7	4.7	7.3	4.7	6.7	5.1
LOPEZ	6.0	2.7	3.3	5.7	7.0	5.0	7.3	4.3	3.7	5.0
REGENT	5.7	3.3	1.0	5.0	7.0	4.7	7.0	4.7	6.0	4.9
MSUEB	6.3	3.0	1.0	5.7	7.0	4.3	7.3	5.0	4.3	4.9
TRUELINE	5.3	2.7	2.0	5.3	6.7	5.0	7.0	5.7	4.0	4.9
BAR AS 492	3.3	4.3	7.0	5.7	3.0	2.3	7.0	5.3	4.7	4.7
TENDENZ	4.0	2.3	5.3	.	3.3	3.3	8.0	4.3	5.3	4.5
PENNCROSS	5.3	3.0	1.0	5.0	6.3	4.3	7.0	3.0	5.3	4.5
SEASIDE	3.7	3.0	2.3	5.0	4.0	1.7	7.0	2.0	3.3	3.6
LSD VALUE	1.1	1.0	0.5	1.0	0.8	1.3	0.6	2.3	1.6	0.4

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).

TABLE 8. SUMMER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/								MEAN
	AZ1	GA1	MN1	OK1	PA1	QE1	WA3	WA4	
PENN A-4 (A-4)	9.0	4.3	8.0	9.0	8.7	8.0	8.3	7.7	7.9
PENN A-1 (A-1)	8.0	4.3	6.7	8.7	8.7	8.0	9.0	8.3	7.7
CENTURY (SYN 92-1)	8.0	5.0	6.3	8.7	7.7	8.0	8.0	8.3	7.5
PENN G-6 (G-6)	7.3	4.3	7.3	8.3	8.3	8.0	7.3	8.0	7.4
PENN G-2 (G-2)	8.3	4.0	6.0	9.0	8.3	7.7	7.3	6.7	7.2
CATO	7.7	4.3	6.3	8.7	6.3	8.0	8.0	7.3	7.1
IMPERIAL (SYN 92-5)	7.7	4.7	5.7	7.3	7.0	8.0	8.0	8.3	7.1
LOFT'S L-93 (L-93)	7.7	4.0	6.3	8.7	7.3	8.0	7.7	6.7	7.0
SR 1020	7.3	4.3	6.3	8.3	7.0	7.7	7.0	7.0	6.9
BAR WS 42102	7.3	4.0	7.0	7.7	6.3	8.0	7.0	7.3	6.8
CRENSHAW	7.3	5.3	5.3	7.7	6.7	8.0	7.0	7.3	6.8
SYN 92-2	6.7	5.0	6.7	7.3	7.3	7.7	7.0	7.0	6.8
SOUTHSHORE	7.3	4.3	5.7	7.7	6.3	8.3	7.7	6.7	6.8
PROVIDENCE	7.3	4.7	5.3	7.0	7.7	7.7	7.0	7.0	6.7
PENNLINKS	6.0	4.3	5.3	6.7	6.7	8.3	6.7	5.7	6.2
ISI-AP-89150	6.7	4.0	5.7	7.0	7.3	8.0	5.7	5.0	6.2
18TH GREEN	6.3	4.0	4.3	7.3	6.3	7.7	6.3	6.3	6.1
DG-P	5.7	4.0	4.7	6.7	6.7	7.7	6.7	.	6.0
PRO/CUP	6.3	4.3	4.3	7.0	5.3	8.3	6.3	6.0	6.0
TRUELINE	5.7	4.3	5.3	7.0	5.7	7.7	7.0	5.3	6.0
MSUEB	6.0	4.7	4.7	7.3	6.3	7.7	6.0	3.7	5.8
LOPEZ	6.0	4.0	4.7	6.7	5.0	8.0	4.7	6.3	5.7
PENNCROSS	6.3	5.0	3.7	5.7	5.0	7.7	4.7	6.7	5.6
MARINER (SYN-1-88)	5.7	4.0	3.7	5.3	6.3	8.0	6.3	5.0	5.5
REGENT	7.0	4.3	4.7	6.7	5.7	7.3	5.0	3.7	5.5
BAR AS 492	3.3	6.0	5.0	2.3	3.7	7.0	6.3	4.7	4.8
TENDENZ	4.0	4.7	.	2.7	4.3	7.3	6.0	3.0	4.6
SEASIDE	4.0	4.0	3.7	2.3	2.0	8.0	3.7	2.0	3.7
LSD VALUE	1.1	0.9	1.3	1.2	1.0	1.0	2.0	1.9	0.5

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).

TABLE 9. FALL DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/								MEAN
	AZ1	GA1	GA2	MN1	OK1	QE1	WA3	WA4	
PENN G-2 (G-2)	7.0	5.3	2.3	7.0	8.7	8.7	8.3	6.7	6.8
CENTURY (SYN 92-1)	7.3	4.7	2.3	5.3	9.0	8.7	8.3	8.0	6.7
CATO	6.7	5.7	2.3	6.7	8.7	8.7	7.0	7.3	6.6
PENN A-1 (A-1)	7.3	4.7	1.0	7.3	9.0	8.3	8.0	7.3	6.6
PENN A-4 (A-4)	8.0	3.7	1.0	6.0	9.0	9.0	8.3	7.7	6.6
IMPERIAL (SYN 92-5)	6.7	4.7	1.0	6.0	8.7	8.7	7.3	7.0	6.3
LOFT'S L-93 (L-93)	6.7	5.3	2.0	6.3	8.0	8.7	7.0	6.0	6.3
BAR WS 42102	6.3	3.3	1.0	7.3	8.3	8.0	7.7	7.7	6.2
PENN G-6 (G-6)	6.7	4.7	1.0	7.7	8.7	9.0	6.7	5.3	6.2
SOUTHSHORE	6.3	4.3	3.0	6.0	8.0	9.0	7.0	5.7	6.2
CRENSHAW	7.7	6.0	1.0	5.0	8.7	8.3	5.7	6.7	6.1
LOPEZ	5.3	5.0	5.3	6.0	8.0	8.0	6.0	5.3	6.1
SR 1020	7.3	4.3	1.0	6.3	8.0	8.3	6.7	6.7	6.1
PROVIDENCE	6.3	5.7	1.0	6.0	8.0	8.3	5.7	6.7	6.0
TRUELINE	5.7	4.0	6.0	6.0	8.0	8.0	5.7	3.3	5.8
SYN 92-2	6.7	4.0	2.3	6.0	8.0	8.0	5.0	5.7	5.7
DG-P	6.3	4.7	1.0	5.3	8.0	8.0	6.3	.	5.7
BAR AS 492	4.7	6.7	5.7	5.7	.	7.0	6.7	2.3	5.5
PENNLINKS	6.3	4.7	1.0	6.0	8.3	7.7	5.0	4.0	5.4
ISI-AP-89150	5.7	3.3	1.0	5.7	8.0	8.0	6.3	4.7	5.3
REGENT	6.3	5.3	1.0	5.0	7.7	7.7	5.0	4.3	5.3
MARINER (SYN-1-88)	5.7	5.0	1.0	5.3	7.3	7.3	5.7	4.7	5.3
18TH GREEN	5.3	4.3	1.0	4.0	8.3	8.0	5.3	4.7	5.1
MSUEB	5.7	5.0	2.0	5.0	7.7	7.0	4.3	4.0	5.1
PRO/CUP	5.3	4.7	1.0	5.3	6.7	8.0	5.0	4.7	5.1
SEASIDE	4.0	6.3	6.7	4.7	5.7	7.0	3.7	2.0	5.0
TENDENZ	5.0	5.3	4.7	.	.	7.0	5.3	2.7	5.0
PENNCROSS	4.7	4.0	2.7	4.7	7.3	7.0	4.0	3.7	4.8
LSD VALUE	1.5	1.8	2.3	1.2	0.8	0.9	1.8	2.3	0.6

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).

TABLE 10. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/					
NAME	GA1	GA2	MN1	OK1	MEAN
LOPEZ	68.3	40.0	93.0	96.7	74.5
SEASIDE	71.7	26.7	95.7	93.0	71.8
REGENT	80.0	3.0	98.3	96.0	69.3
TRUELINE	65.0	18.3	97.0	96.0	69.1
PENNCROSS	73.3	5.7	99.0	96.3	68.6
PROVIDENCE	76.7	1.3	97.0	97.0	68.0
LOFT'S L-93 (L-93)	76.7	1.0	97.0	97.0	67.9
PENNLINKS	75.0	3.3	94.3	97.0	67.4
SR 1020	73.3	2.3	97.7	96.3	67.4
CRENSHAW	71.7	1.0	97.0	97.3	66.8
SOUTHSHORE	71.7	1.3	96.3	97.7	66.8
SYN 92-2	71.7	0.7	98.3	96.3	66.8
PENN A-1 (A-1)	68.3	0.3	98.3	97.7	66.2
PENN G-6 (G-6)	66.7	1.7	99.0	97.3	66.2
PENN G-2 (G-2)	66.7	1.7	98.3	97.7	66.1
MARINER (SYN-1-88)	75.0	1.7	90.7	96.7	66.0
DG-P	75.0	0.7	91.3	96.7	65.9
MSUEB	73.3	0.3	92.0	97.3	65.8
PRO/CUP	66.7	1.0	97.7	96.0	65.3
CATO	61.7	1.7	98.3	97.7	64.8
PENN A-4 (A-4)	63.3	1.0	96.0	97.7	64.5
ISI-AP-89150	61.7	0.7	99.0	96.0	64.3
CENTURY (SYN 92-1)	61.7	0.7	97.7	96.3	64.1
BAR AS 492	89.0	73.3	82.7	9.3	63.6
IMPERIAL (SYN 92-5)	63.3	0.3	93.0	97.0	63.4
18TH GREEN	56.7	0.0	98.3	96.0	62.8
BAR WS 42102	56.7	1.0	93.3	96.0	61.8
TENDENZ	63.3	65.0	10.0	14.7	38.3
LSD VALUE	17.7	7.4	7.2	4.0	5.2

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

TABLE 11. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	MN1	MO1	OK1	MEAN
PENN G-6 (G-6)	97.0	66.7	98.7	87.4
CATO	90.7	70.0	98.0	86.2
18TH GREEN	92.3	66.7	98.3	85.8
TRUELINE	87.3	70.0	98.0	85.1
PENN A-1 (A-1)	92.3	63.3	97.7	84.4
PENNCROSS	90.7	63.3	98.7	84.2
LOFT'S L-93 (L-93)	85.7	66.7	99.0	83.8
BAR WS 42102	89.7	63.3	98.3	83.8
SYN 92-2	90.0	63.3	97.7	83.7
PENN G-2 (G-2)	89.0	63.3	98.3	83.6
SR 1020	91.0	60.0	98.7	83.2
PENN A-4 (A-4)	92.3	60.0	95.3	82.6
ISI-AP-89150	91.7	56.7	97.3	81.9
PROVIDENCE	87.7	60.0	98.0	81.9
IMPERIAL (SYN 92-5)	88.0	60.0	97.3	81.8
MSUEB	81.7	63.3	99.0	81.3
PRO/CUP	83.3	60.0	99.0	80.8
REGENT	87.7	56.7	97.7	80.7
LOPEZ	85.7	56.7	98.3	80.2
CENTURY (SYN 92-1)	77.7	63.3	98.0	79.7
CRENSHAW	79.7	60.0	98.7	79.4
PENNLINKS	75.0	63.3	97.7	78.7
SOUTHSHORE	75.0	60.0	97.3	77.4
MARINER (SYN-1-88)	70.0	63.3	98.0	77.1
DG-P	70.0	60.0	98.7	76.2
SEASIDE	80.0	53.3	66.7	66.7
BAR AS 492	67.3	63.3	8.3	46.3
TENDENZ	10.0	53.3	11.7	25.0
LSD VALUE	26.5	10.5	3.5	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).

TABLE 12. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/						
NAME	GA1	GA2	MN1	MO1	OK1	MEAN
LOPEZ	65.0	50.0	86.7	66.7	99.0	73.5
TRUELINE	75.0	13.3	88.3	80.0	99.0	71.1
CATO	88.3	0.7	90.7	73.3	98.7	70.3
BAR AS 492	96.0	83.3	80.0	70.0	15.0	68.9
REGENT	88.3	0.0	87.3	70.0	98.7	68.9
PROVIDENCE	88.3	0.0	88.3	66.7	98.7	68.4
LOFT'S L-93 (L-93)	78.3	1.0	90.0	73.3	98.7	68.3
SOUTHSHORE	83.3	1.7	90.0	66.7	99.0	68.1
CRENSHAW	88.3	0.0	76.7	73.3	98.7	67.4
SEASIDE	91.7	11.7	73.3	60.0	94.0	66.1
IMPERIAL (SYN 92-5)	71.7	0.0	85.7	73.3	99.0	65.9
PENN A-1 (A-1)	65.0	0.0	96.3	66.7	98.7	65.3
PENN G-2 (G-2)	66.7	0.7	88.3	70.0	98.7	64.9
DG-P	76.7	0.0	80.0	66.7	99.0	64.5
MARINER (SYN-1-88)	75.0	0.0	75.0	73.3	98.7	64.4
PENN G-6 (G-6)	63.3	0.0	88.3	70.0	99.0	64.1
MSUEB	66.7	0.7	83.3	70.0	98.7	63.9
PENNCROSS	56.7	1.7	88.3	73.3	99.0	63.8
PENNLINKS	71.7	0.0	81.7	66.7	99.0	63.8
CENTURY (SYN 92-1)	66.7	1.0	85.0	66.7	98.7	63.6
PRO/CUP	65.0	0.0	81.7	70.0	99.0	63.1
SR 1020	68.3	0.0	85.0	63.3	99.0	63.1
ISI-AP-89150	63.3	0.0	90.0	63.3	98.7	63.1
SYN 92-2	60.0	1.0	85.0	70.0	99.0	63.0
PENN A-4 (A-4)	61.7	0.0	90.0	63.3	98.7	62.7
18TH GREEN	60.0	0.0	73.3	70.0	98.7	60.4
BAR WS 42102	41.7	0.0	89.0	66.7	99.0	59.3
TENDENZ	80.0	33.3	10.0	66.7	10.7	40.1
LSD VALUE	32.9	9.4	16.9	9.6	2.0	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).

TABLE 13. WINTER COLOR RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	AZ1	KY1	OK1	WA3	WA4	MEAN
BAR AS 492	3.3	9.0	.	6.0	7.0	6.3
DG-P	6.3	7.0	4.7	5.7	.	5.9
PENN A-4 (A-4)	6.3	3.7	5.7	6.3	7.3	5.9
PENN G-2 (G-2)	5.7	5.7	3.3	5.7	7.0	5.5
MSUEB	5.7	7.7	2.7	5.0	6.0	5.4
SR 1020	5.7	6.7	3.7	5.0	6.0	5.4
ISI-AP-89150	5.0	8.0	4.0	3.7	6.0	5.3
LOFT'S L-93 (L-93)	6.0	6.0	3.7	5.3	5.7	5.3
PENN A-1 (A-1)	5.7	4.0	4.3	5.0	7.3	5.3
CATO	6.3	5.7	5.0	4.7	4.3	5.2
PENNLINKS	5.0	6.7	3.7	5.0	5.3	5.1
IMPERIAL (SYN 92-5)	5.0	4.3	3.0	5.7	7.3	5.1
PENN G-6 (G-6)	5.0	7.7	3.0	4.3	5.3	5.1
SOUTHSHORE	4.7	7.3	3.0	4.7	5.0	4.9
PROVIDENCE	6.7	4.0	3.7	5.0	4.7	4.8
MARINER (SYN-1-88)	4.3	7.7	2.0	5.0	5.0	4.8
REGENT	5.7	5.3	3.7	3.3	5.7	4.7
CENTURY (SYN 92-1)	5.0	4.0	2.7	5.0	7.0	4.7
PRO/CUP	5.0	6.7	3.0	4.7	4.0	4.7
SYN 92-2	4.3	5.0	2.7	4.7	6.0	4.5
SEASIDE	3.3	7.0	2.0	4.0	5.7	4.4
TENDENZ	4.0	5.3	.	3.7	4.3	4.3
TRUELINE	4.3	6.0	3.0	4.0	3.7	4.2
LOPEZ	4.3	5.7	2.7	3.7	3.7	4.0
PENNCROSS	5.3	4.7	1.7	3.0	4.3	3.8
CRENSHAW	2.7	5.0	3.0	2.7	4.0	3.5
BAR WS 42102	2.0	6.0	2.3	3.3	2.0	3.1
18TH GREEN	4.3	2.0	1.7	3.3	2.7	2.8
LSD VALUE	1.4	2.1	1.0	1.3	1.5	0.7

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).

TABLE 14. PERCENT WINTER KILL RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	MN1
PRO/CUP	20.0
LOPEZ	11.7
BAR AS 492	6.7
CATO	1.7
LOFT'S L-93 (L-93)	1.7
MSUEB	1.7
SYN 92-2	1.7
BAR WS 42102	0.3
18TH GREEN	0.0
CENTURY (SYN 92-1)	0.0
CRENSHAW	0.0
DG-P	0.0
IMPERIAL (SYN 92-5)	0.0
IST-AP-89150	0.0
MARINER (SYN-1-88)	0.0
PENN A-1 (A-1)	0.0
PENN A-4 (A-4)	0.0
PENN G-2 (G-2)	0.0
PENN G-6 (G-6)	0.0
PENNCROSS	0.0
PENNLINKS	0.0
PROVIDENCE	0.0
REGENT	0.0
SEASIDE	0.0
SOUTHSHORE	0.0
SR 1020	0.0
TRUELINE	0.0
LSD VALUE	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).

TABLE 15. THATCH MEASUREMENTS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

THATCH MEASUREMENTS IN MILLIMETERS 1/

NAME	QE1
SOUTHSHORE	24.7
PENN G-6 (G-6)	23.0
PENN G-2 (G-2)	22.7
REGENT	22.3
DG-P	22.0
ISI-AP-89150	22.0
IMPERIAL (SYN 92-5)	21.7
MSUEB	21.7
PENN A-1 (A-1)	21.7
PRO/CUP	21.7
TENDENZ	21.0
CATO	20.7
CENTURY (SYN 92-1)	20.7
18TH GREEN	20.0
LOPEZ	19.7
MARINER (SYN-1-88)	19.3
PENNCROSS	18.7
SR 1020	18.7
BAR WS 42102	17.3
PROVIDENCE	17.3
SYN 92-2	17.3
LOFT'S L-93 (L-93)	17.0
FENNLINKS	17.0
SEASIDE	17.0
CRENSHAW	16.3
BAR AS 492	15.3
PENN A-4 (A-4)	15.3
TRUELINE	15.0
LSD VALUE	2.4

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).

TABLE 16. FUSARIUM PATCH RATINGS OF BENIGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

FUSARIUM PATCH RATINGS 1-9; 9=NO DISEASE 1/

NAME	WA1	WA3	MEAN
CENTURY (SYN 92-1)	8.3	8.3	8.3
PROVIDENCE	8.3	8.3	8.3
PENN A-1 (A-1)	8.7	7.3	8.0
TENDENZ	8.7	7.3	8.0
BAR WS 42102	8.0	7.7	7.8
PENN A-4 (A-4)	7.0	8.3	7.7
LOFT'S L-93 (L-93)	8.7	6.7	7.7
REGENT	8.0	7.3	7.7
SOUTHSHORE	8.0	7.3	7.7
BAR AS 492	8.0	7.0	7.5
CATO	7.7	7.3	7.5
IMPERIAL (SYN 92-5)	7.3	7.7	7.5
LOPEZ	7.7	7.3	7.5
SR 1020	7.7	7.3	7.5
SYN 92-2	8.0	6.7	7.3
18TH GREEN	7.3	7.3	7.3
ISI-AP-89150	6.7	7.7	7.2
PRO/CUP	7.7	6.7	7.2
CRENSHAW	8.0	6.3	7.2
DG-P	8.0	6.0	7.0
PENN G-6 (G-6)	6.3	7.7	7.0
PENNCROSS	7.7	6.3	7.0
PENNLINKS	7.0	7.0	7.0
TRUELINE	8.0	6.0	7.0
MSUEB	7.7	6.0	6.8
PENN G-2 (G-2)	6.3	7.3	6.8
SEASIDE	7.0	6.0	6.5
MARINER (SYN-1-88)	6.0	6.7	6.3
LSD VALUE	1.6	1.1	1.0

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).

TABLE 17. MELTING-OUT (SPRING) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

MELTING-OUT RATINGS 1-9; 9=NO DAMAGE 1/

NAME	WA4
PENNCROSS	8.7
SYN 92-2	8.7
BAR WS 42102	8.3
PENNLINKS	8.3
SOUTHSHORE	8.3
SEASIDE	8.0
PRO/CUP	7.7
BAR AS 492	7.0
LOPEZ	7.0
PENN A-1 (A-1)	7.0
CENTURY (SYN 92-1)	6.7
LOFT'S L-93 (L-93)	6.7
TENDENZ	6.7
MARINER (SYN-1-88)	6.3
REGENT	6.3
TRUELINE	6.3
CATO	6.0
PENN A-4 (A-4)	6.0
SR 1020	5.7
PROVIDENCE	5.3
18TH GREEN	5.0
CRENSHAW	4.7
IMPERIAL (SYN 92-5)	4.7
PENN G-2 (G-2)	4.0
ISI-AP-89150	3.3
PENN G-6 (G-6)	3.3
MSUEB	2.7
LSD VALUE	3.7

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).

TABLE 18. LEAF SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	PA1
18TH GREEN	9.0
BAR AS 492	9.0
LOPEZ	9.0
SEASIDE	9.0
TENDENZ	9.0
PRO/CUP	8.7
LOFT'S L-93 (L-93)	8.3
PENNCROSS	8.3
TRUELINE	8.3
DG-P	8.0
MARINER (SYN-1-88)	8.0
PENN A-4 (A-4)	7.7
REGENT	7.7
CATO	7.3
MSUEB	7.3
PROVIDENCE	7.3
PENNLINKS	7.0
CENTURY (SYN 92-1)	6.7
PENN G-6 (G-6)	6.7
SOUTHSHORE	6.7
BAR WS 42102	6.3
PENN G-2 (G-2)	6.3
IMPERIAL (SYN 92-5)	6.0
SR 1020	6.0
CRENSHAW	5.3
SYN 92-2	5.3
ISI-AP-89150	4.7
PENN A-1 (A-1)	4.3
LSD VALUE	2.0

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).

TABLE 19. DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

NAME	DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 1/								
	KS1	MN1	MO1	NJ1	OK1	PA1	TX1	VA1	MEAN
TENDENZ	7.0	.	8.0	8.3	8.3	9.0	8.0	8.0	8.1
BAR AS 492	7.7	7.3	8.3	8.7	8.3	9.0	8.0	6.7	8.0
LOFT'S L-93 (L-93)	8.0	7.0	8.0	7.7	8.0	7.7	8.3	7.7	7.8
PENN A-1 (A-1)	7.3	8.0	8.0	7.3	8.7	7.7	7.3	6.3	7.6
PENNLINKS	8.7	6.7	8.0	7.3	8.3	6.3	7.0	7.3	7.5
MSUEB	7.7	6.7	8.3	7.0	8.7	7.3	7.3	6.3	7.4
CATO	7.3	6.7	7.7	6.3	8.3	7.7	8.3	7.0	7.4
SEASIDE	7.7	7.0	7.7	6.7	8.3	8.0	8.3	5.7	7.4
PENNCROSS	8.0	6.0	7.7	7.7	8.7	7.7	6.7	7.0	7.4
PROVIDENCE	7.3	7.7	7.0	6.7	7.7	6.7	7.3	7.3	7.2
ISI-AP-89150	7.7	7.3	7.0	6.7	8.0	6.7	7.0	6.0	7.0
DG-P	7.3	6.0	7.7	6.7	8.3	6.3	7.7	6.0	7.0
REGENT	7.3	6.3	6.3	6.0	8.3	7.0	8.3	6.0	7.0
BAR WS 42102	6.0	7.0	7.0	6.3	8.3	8.0	7.0	6.0	7.0
LOPEZ	6.7	7.3	6.7	5.7	8.3	6.7	7.3	5.7	6.8
PENN G-2 (G-2)	6.7	7.7	6.0	6.3	8.3	7.3	7.3	4.7	6.8
PENN G-6 (G-6)	6.7	6.3	6.7	6.3	8.3	6.7	7.0	6.0	6.8
SOUTHSHORE	6.0	5.3	6.7	5.7	8.0	6.7	8.0	7.0	6.7
TRUELINE	6.3	7.0	5.3	6.0	8.0	6.3	7.7	6.3	6.6
PENN A-4 (A-4)	5.3	6.3	7.3	5.7	8.3	6.3	7.3	5.3	6.5
PRO/CUP	7.0	5.7	6.3	5.7	8.0	6.3	7.0	4.7	6.3
MARINER (SYN-1-88)	6.3	7.3	5.0	5.7	8.0	5.3	7.7	5.0	6.3
IMPERIAL (SYN 92-5)	5.0	7.3	6.3	4.0	7.7	5.7	7.3	4.7	6.0
SR 1020	4.7	6.3	6.3	4.7	7.3	5.3	7.3	4.0	5.8
SYN 92-2	5.3	4.7	6.3	3.0	7.3	5.3	6.0	4.3	5.3
CENTURY (SYN 92-1)	3.7	5.0	4.3	3.3	6.7	3.7	7.3	3.3	4.7
18TH GREEN	5.0	3.7	4.0	3.3	6.3	2.7	7.3	4.3	4.6
CRENSHAW	4.0	4.7	5.0	2.3	6.7	3.7	6.7	3.3	4.5
LSD VALUE	1.3	2.0	1.6	1.2	1.1	1.2	1.5	1.4	0.5

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).

TABLE 20. BROWN PATCH RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

NAME	BROWN PATCH RATINGS 1-9; 9=NO DISEASE 1/								
	IA1	IL1	KS1	MI1	MO1	NJ1	OK1	PA1	MEAN
LOFT'S L-93 (L-93)	9.0	6.0	8.3	8.7	7.7	4.7	6.3	6.7	7.2
PROVIDENCE	9.0	6.3	8.0	8.0	7.7	4.3	6.3	6.7	7.0
CATO	7.7	5.7	8.3	8.3	8.0	5.0	6.0	6.7	7.0
PENNCROSS	8.3	6.7	9.0	7.7	8.0	3.0	5.7	6.3	6.8
PENN G-6 (G-6)	7.3	5.3	8.3	7.3	7.7	5.0	6.7	6.3	6.8
PRO/CUP	7.7	6.0	8.3	8.7	7.0	4.7	5.0	6.3	6.7
LOPEZ	8.3	6.0	8.0	8.0	8.0	4.0	5.3	5.7	6.7
18TH GREEN	8.3	5.3	8.0	7.3	6.7	4.3	4.7	8.0	6.6
CENTURY (SYN 92-1)	7.7	5.7	8.7	7.3	5.7	4.7	6.3	6.7	6.6
PENNLINKS	6.7	5.7	8.3	7.7	7.3	4.3	4.3	7.0	6.4
CRENSHAW	6.7	5.7	8.3	7.0	6.7	4.7	5.7	6.3	6.4
BAR WS 42102	5.7	5.0	8.3	7.3	6.0	5.7	6.0	6.7	6.3
SOUTHSHORE	7.7	7.0	7.7	7.7	5.7	4.0	5.0	5.7	6.3
SYN 92-2	7.7	5.0	8.3	6.7	5.3	5.0	5.0	7.3	6.3
REGENT	7.0	6.3	7.3	8.0	6.0	4.0	4.7	6.3	6.2
TRUELINE	7.7	5.3	8.0	6.7	6.3	3.7	6.0	6.0	6.2
SR 1020	7.7	4.7	7.0	7.0	6.0	4.0	5.0	7.3	6.1
MSUEB	5.3	5.3	9.0	6.3	6.7	4.3	5.0	6.3	6.0
PENN A-4 (A-4)	6.3	5.3	6.0	5.7	7.0	5.0	6.3	6.7	6.0
DG-P	7.7	5.7	8.0	6.0	7.0	4.0	4.7	5.0	6.0
PENN A-1 (A-1)	7.0	4.3	5.3	6.7	7.3	5.0	5.0	7.0	6.0
IMPERIAL (SYN 92-5)	6.3	4.7	7.0	6.7	7.0	4.7	4.3	6.7	5.9
ISI-AP-89150	6.0	4.7	6.3	7.0	7.0	4.0	5.0	5.7	5.7
PENN G-2 (G-2)	6.3	3.7	8.0	5.0	4.7	6.3	5.0	5.7	5.6
SEASIDE	5.0	4.0	7.3	8.0	6.0	3.0	3.3	3.3	5.0
BAR AS 492	4.3	3.0	8.7	7.0	3.3	2.0	2.7	3.7	4.3
MARINER (SYN-1-88)	4.7	4.3	4.0	5.7	4.3	3.0	2.7	5.3	4.3
TENDENZ	3.3	2.3	7.7	6.0	2.7	1.0	2.3	3.7	3.6
LSD VALUE	1.9	1.9	2.0	1.9	1.7	1.0	1.9	1.6	0.6

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).

TABLE 21. FALL COLOR (NOVEMBER) RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	OK1
CATO	6.0
CRENSHAW	6.0
DG-P	6.0
LOFT'S L-93 (L-93)	6.0
MSUEB	6.0
PENN A-1 (A-1)	6.0
PENN A-4 (A-4)	6.0
PROVIDENCE	5.7
ISI-AP-89150	5.3
PENN G-6 (G-6)	5.3
SOUTHSHORE	5.3
IMPERIAL (SYN 92-5)	5.0
PRO/CUP	5.0
REGENT	5.0
SR 1020	5.0
TRUELINE	5.0
CENTURY (SYN 92-1)	4.7
LOPEZ	4.7
PENNCROSS	4.7
PENNLINKS	4.7
SYN 92-2	4.7
18TH GREEN	4.3
PENN G-2 (G-2)	4.3
BAR WS 42102	4.0
MARINER (SYN-1-88)	3.7
SEASIDE	3.7
LSD VALUE	0.8

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).

TABLE 22. WINTER DENSITY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

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

NAME	WA3	WA4	MEAN
PENN A-4 (A-4)	8.7	8.7	8.7
PENN G-2 (G-2)	9.0	7.7	8.3
PENN A-1 (A-1)	8.7	8.0	8.3
BAR WS 42102	8.0	8.3	8.2
CENTURY (SYN 92-1)	8.7	7.7	8.2
IMPERIAL (SYN 92-5)	8.0	7.7	7.8
PROVIDENCE	7.7	8.0	7.8
SOUTHSHORE	7.7	7.7	7.7
CATO	7.3	8.0	7.7
LOFT'S L-93 (L-93)	7.7	7.3	7.5
SYN 92-2	7.3	7.3	7.3
ISI-AP-89150	7.0	7.0	7.0
PENN G-6 (G-6)	7.0	7.0	7.0
SR 1020	7.3	6.7	7.0
18TH GREEN	6.7	6.7	6.7
CRENSHAW	6.7	6.7	6.7
DG-P	6.7	.	6.7
PENNLINKS	6.0	6.0	6.0
PRO/CUP	6.3	5.7	6.0
REGENT	6.3	5.7	6.0
TRUELINE	6.0	5.3	5.7
MSUEB	5.7	5.3	5.5
MARINER (SYN-1-88)	4.7	5.7	5.2
LOPEZ	5.3	4.7	5.0
TENDENZ	5.3	4.0	4.7
PENNCROSS	4.0	4.0	4.0
BAR AS 492	5.3	2.3	3.8
SEASIDE	4.0	3.0	3.5
LSD VALUE	1.7	1.9	1.3

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).

TABLE 23. FALL AERIFICATION RECOVERY RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

FALL AERIFICATION RECOVERY RATINGS 1-9; 9=COMPLETE RECOVERY 1/

NAME	OK1
DG-P	7.7
ISI-AP-89150	7.7
PENNCROSS	7.7
PRO/CUP	7.3
TRUELINE	7.3
IMPERIAL (SYN 92-5)	7.0
LOFT'S L-93 (L-93)	7.0
LOPEZ	7.0
MSUEB	7.0
PENNLINKS	7.0
SR 1020	7.0
SYN 92-2	6.7
MARINER (SYN-1-88)	6.3
SOUTHSHORE	6.3
BAR WS 42102	6.0
CATO	6.0
PENN G-6 (G-6)	6.0
PROVIDENCE	6.0
18TH GREEN	5.7
CRENSHAW	5.7
PENN A-1 (A-1)	5.7
PENN A-4 (A-4)	5.7
REGENT	5.7
CENTURY (SYN 92-1)	5.3
PENN G-2 (G-2)	5.0
SEASIDE	5.0
LSD VALUE	1.2

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).

TABLE 24. FAIRY RING RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

FAIRY RING RATINGS 1-9; 9=BEST 1/

NAME	TX1
CATO	7.3
REGENT	7.3
SR 1020	7.3
CRENSHAW	7.0
IMPERIAL (SYN 92-5)	7.0
PENNCROSS	7.0
PENN A-1 (A-1)	6.7
PENN A-4 (A-4)	6.7
PENN G-2 (G-2)	6.7
SEASIDE	6.7
TRUELINE	6.7
BAR WS 42102	6.3
DG-P	6.3
LOFT'S L-93 (L-93)	6.3
PENNLINKS	6.3
SOUTHSHORE	6.3
SYN 92-2	6.3
18TH GREEN	6.0
CENTURY (SYN 92-1)	6.0
LOPEZ	6.0
PENN G-6 (G-6)	6.0
PROVIDENCE	6.0
ISI-AP-89150	5.7
MARINER (SYN-1-88)	5.7
PRO/CUP	5.7
BAR AS 492	5.3
MSUEB	5.3
TENDENZ	5.3
LSD VALUE	2.0

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).

TABLE 25. THATCH ASHED DRY WEIGHT RATINGS OF BENTGRASS CULTIVARS
GROWN ON A GREEN
1995 DATA

THATCH ASHED DRY WEIGHT: KG/SQ.M. 1/			
NAME	WA3	WA4	MEAN
PROVIDENCE	2.12	1.33	1.72
PENN A-4 (A-4)	2.08	1.27	1.68
CENTURY (SYN 92-1)	2.01	1.33	1.67
BAR WS 42102	1.91	1.30	1.60
SOUTHSHORE	1.86	1.33	1.60
PENN G-6 (G-6)	1.90	1.29	1.59
LOPEZ	1.84	1.32	1.58
PENN G-2 (G-2)	1.85	1.31	1.58
CATO	1.87	1.29	1.58
PENN A-1 (A-1)	1.85	1.29	1.57
TENDENZ	1.87	1.25	1.56
PRO/CUP	1.70	1.41	1.56
DG-P	1.55	.	1.55
IMPERIAL (SYN 92-5)	1.92	1.17	1.55
ISI-AP-89150	1.91	1.17	1.54
18TH GREEN	1.84	1.22	1.53
SYN 92-2	1.70	1.31	1.51
SR 1020	1.82	1.18	1.50
REGENT	1.82	1.15	1.49
LOFT'S L-93 (L-93)	1.66	1.31	1.48
PENNCROSS	1.66	1.27	1.47
CRENSHAW	1.66	1.22	1.44
PENNLINKS	1.71	1.16	1.44
BAR AS 492	1.68	1.17	1.43
MARINER (SYN-1-88)	1.64	1.20	1.42
TRUELINE	1.55	1.21	1.38
MSUEB	1.45	1.18	1.32
SEASIDE	1.51	1.12	1.32
LSD VALUE	0.21	0.20	0.15

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

TABLE 26. PERCENT BROWN PATCH (JULY) RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN
1995 DATA

NAME	KY2
CATO	16.7
PENN G-6 (G-6)	15.7
PENNLINKS	15.3
MSUEB	12.7
PENN A-1 (A-1)	10.7
IMPERIAL (SYN 92-5)	10.0
PENN A-4 (A-4)	9.7
SOUTHSHORE	9.7
CENTURY (SYN 92-1)	8.7
PENN G-2 (G-2)	8.7
PRO/CUP	8.0
SYN 92-2	8.0
BAR WS 42102	7.3
CRENSHAW	7.3
SR 1020	7.0
PROVIDENCE	6.3
TENDENZ	5.7
DG-P	5.3
LOPEZ	5.3
ISI-AP-89150	5.0
LOFT'S L-93 (L-93)	4.7
18TH GREEN	4.0
BAR AS 492	3.3
PENNCROSS	3.3
TRUELINE	3.3
REGENT	2.7
MARINER (SYN-1-88)	1.3
SEASIDE	0.0
LSD VALUE	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).

TABLE 27. PERCENT BROWN PATCH RATINGS OF BENTGRASS CULTIVARS 1/
GROWN ON A GREEN AT LEXINGTON, KENTUCKY (KY1)
1995 DATA

NAME	JUNE	JULY	AUGUST	MEAN
TENDENZ	80.0	45.7	85.0	70.2
BAR AS 492	80.0	35.0	56.7	57.2
SEASIDE	63.3	40.0	45.7	49.7
MARINER (SYN-1-88)	33.3	25.0	30.0	29.4
IMPERIAL (SYN 92-5)	8.0	14.7	60.3	27.7
PENN G-2 (G-2)	11.0	18.7	42.3	24.0
PROVIDENCE	2.3	9.3	36.0	15.9
SR 1020	10.0	16.7	13.3	13.3
PRO/CUP	1.3	6.3	27.7	11.8
CRENSHAW	1.0	5.0	27.3	11.1
PENN A-4 (A-4)	1.7	16.7	12.3	10.2
PENN A-1 (A-1)	4.0	7.0	19.0	10.0
SYN 92-2	5.0	2.7	21.7	9.8
MSUEB	6.0	6.7	15.0	9.2
BAR WS 42102	1.3	5.7	17.7	8.2
DG-P	2.0	10.3	11.7	8.0
REGENT	3.7	9.3	8.3	7.1
CENTURY (SYN 92-1)	6.3	5.0	8.3	6.6
SOUTHSHORE	2.3	7.3	8.3	6.0
LOPEZ	2.7	8.3	6.7	5.9
LOFT'S L-93 (L-93)	3.0	6.3	7.0	5.4
ISI-AP-89150	2.3	0.7	12.7	5.2
18TH GREEN	4.7	1.0	8.3	4.7
TRUELINE	2.3	4.3	6.0	4.2
CATO	0.0	2.0	7.7	3.2
PENN G-6 (G-6)	3.3	0.0	5.0	2.8
PENNLINKS	2.0	0.3	3.0	1.8
PENNCROSS	0.0	0.0	2.0	0.7
LSD VALUE	11.4	19.7	45.1	17.2

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).

TABLE 28. PERCENT DOLLAR SPOT RATINGS OF BENTGRASS CULTIVARS 1/
 GROWN ON A GREEN AT LEXINGTON, KENTUCKY (KY1)
 1995 DATA

NAME	MAY	OCTOBER	MEAN
CRENSHAW	25.0	8.0	16.5
18TH GREEN	24.3	5.3	14.8
SYN 92-2	12.7	10.0	11.3
SR 1020	13.3	7.0	10.2
CENTURY (SYN 92-1)	12.0	8.0	10.0
PRO/CUP	9.7	9.3	9.5
PENN G-6 (G-6)	12.0	5.7	8.8
SOUTHSHORE	12.3	3.7	8.0
IMPERIAL (SYN 92-5)	13.7	1.0	7.3
PENN A-1 (A-1)	8.3	4.0	6.2
TRUELINE	5.0	7.0	6.0
REGENT	6.7	5.0	5.8
PENNCROSS	4.0	7.3	5.7
MARINER (SYN-1-88)	6.7	2.7	4.7
PROVIDENCE	7.0	2.3	4.7
PENNLINKS	4.0	4.3	4.2
LOPEZ	4.3	3.7	4.0
PENN G-2 (G-2)	7.0	1.0	4.0
MSUEB	5.0	2.3	3.7
BAR WS 42102	1.3	4.7	3.0
DG-P	2.0	4.0	3.0
PENN A-4 (A-4)	2.0	4.0	3.0
CATO	2.7	2.0	2.3
ISI-AP-89150	1.0	3.3	2.2
LOFT'S L-93 (L-93)	0.7	2.0	1.3
SEASIDE	2.3	0.0	1.2
BAR AS 492	0.0	0.0	0.0
TENDENZ	0.0	0.0	0.0
LSD VALUE	11.7	11.1	5.4

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