

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT FAYETTEVILLE, AR 1/
2004 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY FALL	WINTER COLOR	QUALITY RATINGS							MEAN
					FEB	MAR	APR	MAY	JUN	JUL	AUG	
235050	7.0	8.0	7.0	4.0	4.0	4.0	7.3	8.0	7.7	7.7	8.0	6.7
SHARK (23R)	7.0	8.0	7.0	4.0	3.3	4.3	7.0	8.0	8.0	8.0	7.3	6.6
IS-AC 1	7.0	9.0	9.0	7.3	3.3	4.3	7.0	8.0	8.0	7.3	7.3	6.5
SRX 1GD	6.3	8.0	7.7	4.3	3.7	4.3	7.3	8.3	8.0	7.7	6.0	6.5
DECLARATION	6.7	7.3	6.7	4.0	3.7	4.3	6.3	7.3	7.3	7.7	8.0	6.4
BENGAL	6.0	7.0	6.7	3.3	4.0	4.3	6.3	7.7	7.3	7.0	6.7	6.2
007 (DSB)	7.3	7.7	6.7	4.7	3.3	3.7	7.0	7.7	8.0	7.3	6.7	6.2
LEGENDARY	7.0	9.0	8.0	6.7	3.3	4.0	6.3	8.0	7.7	7.3	6.7	6.2
INDEPENDENCE	6.3	7.3	7.0	3.3	3.7	4.3	6.0	7.7	8.0	7.7	5.3	6.1
PENN A-1	7.3	7.0	7.0	3.7	3.3	4.0	6.3	7.7	7.0	7.7	7.0	6.1
SRX 1GPD	6.7	8.0	7.7	3.3	3.3	3.7	5.3	7.7	8.0	7.7	7.0	6.1
T-1	7.7	7.7	7.0	2.7	3.7	4.0	7.0	7.3	7.0	7.7	6.0	6.1
MEMORIAL (A03-EDI)	5.7	6.3	6.0	3.0	3.0	3.7	6.0	7.0	7.0	7.0	8.3	6.0
ALPHA	5.3	7.3	6.7	2.3	3.3	4.0	6.7	7.0	7.0	7.3	6.7	6.0
CY-2	6.3	7.0	6.3	5.0	3.7	3.7	6.3	7.3	7.0	7.7	6.3	6.0
GREENWICH	7.0	9.0	7.7	7.0	3.7	3.7	6.7	8.0	7.0	6.3	6.7	6.0
SR 7200	7.7	8.0	8.0	6.3	3.3	3.3	6.0	7.7	8.0	6.3	7.3	6.0
VESPER	8.0	9.0	8.0	6.7	3.0	3.7	6.3	7.7	7.3	6.7	7.3	6.0
EFD	7.3	8.7	8.0	6.3	3.0	3.3	5.0	7.7	7.7	7.7	6.3	5.8
KINGPIN (9200)	6.3	6.3	6.0	3.7	3.0	3.7	5.7	7.0	7.0	7.0	7.0	5.8
13-M	5.3	6.3	6.3	3.3	3.0	3.3	5.0	7.3	7.3	6.7	7.3	5.7
BENCHMARK DSR	5.7	6.7	7.0	3.3	2.7	3.3	5.3	7.0	7.3	7.0	7.3	5.7
IS-AP 9	6.7	7.0	6.7	3.3	3.0	3.3	5.7	7.0	7.0	7.0	6.7	5.7
LS-44	6.0	7.0	6.3	3.0	3.3	4.0	5.7	7.0	7.0	7.0	6.0	5.7
PENNLINKS II	6.0	5.3	5.3	3.0	3.3	4.3	6.7	6.3	6.0	6.0	6.0	5.5
PENNCROSS	4.3	3.7	3.7	2.0	3.3	4.0	5.7	5.7	5.0	4.7	6.7	5.0
LSD VALUE	1.2	0.8	1.0	0.9	1.8	2.9	3.8	1.1	0.7	1.0	3.4	1.1
C.V. (%)	11.2	7.1	8.9	13.6	16.8	20.0	19.1	8.0	5.9	8.7	16.7	7.7

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

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

TABLE 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT TUCSON, AZ 1/ 2004 DATA

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

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
LS-44	6.0	5.7	6.3	7.0	6.7	7.0	7.3	8.0	7.7	7.7	7.7	7.3	7.0
T-1	6.3	6.3	6.3	8.0	7.0	7.3	7.5	7.0	8.0	6.7	7.0	7.3	7.0
MEMORIAL (A03-EDI)	6.0	6.0	6.7	7.0	6.7	6.3	6.7	7.0	7.3	7.3	7.7	8.0	6.9
ALPHA	5.7	5.7	6.0	7.3	6.7	6.3	7.0	7.3	7.3	7.7	8.0	7.7	6.9
PENNCROSS	5.7	5.7	6.3	6.0	7.0	7.0	7.0	8.3	7.0	7.7	8.0	7.7	6.9
PENNLINKS II	5.3	5.3	6.0	6.3	7.0	8.0	6.7	7.0	7.0	7.7	8.0	8.0	6.9
BENGAL	6.0	6.0	6.7	6.7	7.0	7.0	6.7	7.0	6.7	7.0	7.3	7.3	6.8
SRX 1GD	7.0	6.3	7.7	7.7	7.0	6.0	6.0	6.0	6.8
235050	6.3	6.0	7.0	7.3	7.0	6.0	6.5	7.5	6.5	6.7	7.0	6.7	6.7
INDEPENDENCE	6.7	6.7	7.3	7.3	7.0	6.7	5.5	6.0	6.5	6.3	6.7	7.0	6.7
13-M	6.3	6.3	6.0	6.7	6.7	6.7	5.7	7.0	6.7	6.7	7.0	7.3	6.6
PENN A-1	5.7	5.7	6.3	7.7	6.7	7.3	5.7	6.3	6.7	6.7	7.0	7.0	6.6
CY-2	6.0	6.0	5.7	6.3	6.7	6.5	5.7	7.3	7.0	6.3	7.0	7.0	6.5
DECLARATION	6.3	6.3	7.3	7.3	6.7	6.0	6.0	7.0	7.0	7.0	6.5	6.0	6.5
007 (DSB)	6.3	6.0	6.7	7.3	6.3	6.3	5.0	6.5	5.0	6.0	7.0	7.3	6.5
BENCHMARK DSR	5.7	5.7	5.3	6.7	5.7	5.3	6.3	6.3	6.7	6.7	7.3	7.7	6.3
IS-AP 9	5.0	4.7	5.7	7.7	6.3	6.0	7.0	7.3	6.7	6.3	6.7	6.3	6.3
SHARK (23R)	5.3	5.0	6.0	7.3	6.0	6.0	5.3	6.3	5.3	6.3	7.0	7.3	6.1
LEGENDARY	5.3	5.3	5.0	6.3	6.0	6.0	6.0	6.3	6.0	6.3	7.0	7.3	6.1
GREENWICH	5.0	5.3	4.3	6.7	5.7	5.5	6.5	7.0	6.3	6.3	7.0	7.0	6.0
EFD	4.3	4.3	4.3	5.7	5.7	5.3	6.7	7.3	6.0	6.3	7.0	7.7	5.9
SRX 1GPD	5.7	5.7	6.3	6.3	6.0	5.5	5.0	6.0	6.0	6.0	5.7	6.3	5.9
IS-AC 1	5.0	5.0	4.7	5.3	5.3	4.5	6.0	7.0	6.7	6.3	6.3	6.7	5.8
SR 7200	3.7	3.7	4.0	5.7	5.0	5.7	6.0	7.3	6.0	6.3	7.0	7.3	5.6
KINGPIN (9200)	5.0	5.0	4.7	5.7	5.3	5.0	5.0	6.0	6.0	5.5	6.0	6.3	5.5
VESPER	4.7	4.7	3.7	5.3	5.0	4.5	5.0	6.3	6.0	5.7	6.0	6.3	5.3
LSD VALUE	1.7	1.7	1.6	1.8	1.3	2.6	2.1	1.7	2.1	2.0	1.8	1.4	1.0
C.V. (%)	15.2	15.0	16.3	13.4	11.2	16.5	13.1	10.1	12.1	11.7	11.5	9.5	8.1

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 2. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT TUCSON, AZ 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	SEEDLING VIGOR	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	FALL COLOR SEPTEMBER	FALL COLOR OCTOBER	FALL COLOR NOVEMBER
LS-44	7.0	7.7	6.3	7.7	7.0	7.3	7.3	97.3	97.7	97.3	7.0	6.3	7.3	7.0
T-1	7.7	8.0	7.0	9.0	8.0	7.7	8.0	99.0	97.3	82.3	8.0	7.3	8.3	8.0
MEMORIAL (A03-EDI)	6.3	6.3	5.7	8.7	7.0	6.7	7.3	99.0	96.0	94.7	7.0	6.3	7.3	7.0
ALPHA	6.7	6.0	6.3	7.7	6.7	6.0	7.0	98.7	97.0	97.3	7.3	6.7	7.7	7.3
PENNCROSS	6.7	7.3	5.7	8.7	6.0	6.3	7.7	98.3	96.7	98.7	7.0	6.0	7.0	7.0
PENNLINKS II	7.0	7.7	5.3	7.7	6.3	6.7	7.3	98.0	99.0	96.0	7.0	6.0	7.0	7.0
BENGAL	6.3	6.0	6.7	7.3	6.3	7.7	7.0	96.0	96.7	90.0	7.0	6.7	7.7	7.0
SRX 1GD	7.3	7.7	7.0	8.3	7.7	7.0	8.0	99.0	80.0	46.7	8.0	6.5	7.7	8.0
235050	6.7	6.0	7.0	7.7	7.3	7.3	7.7	97.7	94.3	75.0	7.0	6.0	7.0	7.0
INDEPENDENCE	6.7	7.0	7.0	8.7	7.3	6.7	7.7	99.0	93.0	75.0	7.0	6.3	7.3	7.0
13-M	6.3	6.7	7.0	8.3	7.0	6.3	7.7	98.7	90.3	80.0	6.7	6.0	7.0	6.7
PENN A-1	6.3	6.0	6.3	8.3	7.3	7.0	8.0	98.3	97.7	91.3	7.3	6.7	7.7	7.3
CY-2	6.0	5.7	6.3	8.7	7.0	6.7	7.7	98.0	78.0	91.7	7.0	7.3	8.0	7.0
DECLARATION	7.0	6.3	6.7	8.3	8.0	6.0	7.0	99.0	94.7	56.7	8.0	7.5	8.7	8.0
007 (DSB)	6.7	6.0	7.0	8.0	7.7	7.0	7.7	99.0	96.0	68.3	7.3	6.0	7.7	7.3
BENCHMARK DSR	6.3	6.3	6.7	8.7	7.0	6.3	7.3	99.0	84.0	93.3	7.0	6.0	7.3	7.0
IS-AP 9	6.7	7.3	6.7	7.3	7.3	6.7	7.7	97.3	95.7	86.7	7.3	6.7	7.7	7.3
SHARK (23R)	6.0	6.0	6.7	7.0	7.3	7.3	7.7	96.0	91.3	83.3	7.0	6.3	7.3	7.0
LEGENDARY	5.7	4.0	7.3	7.7	6.7	6.3	7.3	99.0	68.3	78.3	7.0	6.3	7.3	7.0
GREENWICH	6.3	5.3	7.3	7.0	7.0	6.3	6.7	94.3	64.0	79.7	7.0	6.3	7.3	7.0
EFD	5.0	4.3	7.0	7.0	6.0	6.3	7.3	94.7	82.3	91.7	6.3	6.7	7.3	6.3
SRX 1GPD	6.7	7.0	7.3	8.0	7.0	7.0	7.3	98.0	67.7	46.7	6.7	6.0	7.0	6.7
IS-AC 1	5.3	4.0	6.7	6.7	6.0	6.7	7.0	96.0	80.7	94.7	7.0	6.3	7.3	7.0
SR 7200	6.0	5.3	6.3	5.0	6.3	6.7	7.3	93.7	85.0	91.0	7.0	6.0	7.3	7.0
KINGPIN (9200)	6.7	5.3	6.3	7.7	6.7	6.5	7.3	98.0	79.7	75.3	7.0	5.7	7.3	7.0
VESPER	5.7	4.7	6.7	6.0	6.0	6.3	7.0	96.3	63.3	87.7	6.7	6.0	7.0	6.7
LSD VALUE	0.8	1.3	1.1	2.1	1.5	2.1	2.2	7.2	27.8	35.5	1.4	2.9	2.8	1.4
C.V. (%)	7.6	13.0	8.4	13.4	10.4	10.6	8.7	2.6	15.4	20.8	7.8	13.0	10.8	7.8

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

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

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT AMES, IA 1/ 2004 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT ESTABLISHMENT	QUALITY RATINGS							MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	
235050	7.3	8.3	70.0	6.0	6.3	7.0	7.7	7.7	9.0	9.0	7.5
T-1	8.0	7.0	73.3	5.7	5.3	7.0	7.3	7.7	8.7	9.0	7.2
SHARK (23R)	7.3	8.3	76.7	6.0	6.3	6.7	7.3	8.3	6.7	8.3	7.1
007 (DSB)	7.3	8.0	61.7	5.7	5.7	6.7	7.0	8.0	8.7	8.3	7.1
DECLARATION	7.7	8.0	70.0	6.0	5.7	6.3	6.7	8.0	8.3	8.3	7.0
IS-AP 9	7.7	7.3	63.3	6.0	5.7	6.0	7.0	7.3	9.0	7.3	6.9
PENN A-1	7.0	8.0	76.7	5.7	5.0	6.0	7.3	8.0	8.7	7.7	6.9
INDEPENDENCE	7.3	7.0	70.0	5.3	5.0	6.3	7.0	7.3	8.0	7.7	6.7
SRX 1GD	7.3	7.0	65.0	5.3	6.0	6.3	6.7	7.3	7.3	7.7	6.7
ALPHA	7.3	7.3	65.0	5.7	6.0	6.0	6.0	7.0	8.3	6.7	6.5
BENCHMARK DSR	7.3	6.7	68.3	5.3	5.7	5.7	5.7	7.3	8.3	7.0	6.4
BENGAL	7.0	7.3	70.0	5.3	5.7	5.7	6.3	6.3	8.0	7.3	6.4
CY-2	7.3	7.3	60.0	5.3	5.0	5.7	6.3	7.0	8.0	7.3	6.4
MEMORIAL (A03-EDI)	6.7	7.7	73.3	5.3	5.3	6.3	6.3	6.3	7.3	7.0	6.3
KINGPIN (9200)	6.7	6.7	66.7	5.3	5.7	5.3	6.0	7.3	7.7	7.0	6.3
LS-44	7.7	7.0	71.7	5.3	5.0	5.7	6.3	7.0	7.3	7.7	6.3
13-M	6.3	8.0	73.3	5.3	5.3	5.7	6.0	6.7	8.0	6.3	6.2
SRX 1GPD	6.7	7.7	61.7	4.7	5.0	5.3	6.3	6.0	7.7	8.3	6.2
PENNLINKS II	7.3	7.7	73.3	5.7	6.0	6.3	6.0	6.3	6.3	5.7	6.0
PENNCROSS	6.7	6.0	75.0	6.0	5.7	5.7	5.7	5.3	6.0	6.0	5.8
LEGENDARY	6.0	9.0	61.7	4.7	5.0	4.7	6.0	5.0	7.0	7.7	5.7
GREENWICH	6.3	8.7	56.7	4.7	5.3	4.7	5.3	6.0	6.3	6.0	5.5
IS-AC 1	6.0	9.0	65.0	5.0	4.3	4.7	5.7	4.7	6.3	7.7	5.5
EFD	6.7	8.7	63.3	4.0	4.3	4.7	5.3	5.3	7.0	7.0	5.4
VESPER	7.0	7.7	46.7	4.0	4.3	4.7	5.7	4.7	6.0	7.0	5.2
SR 7200	7.0	8.3	48.3	4.0	4.0	4.3	4.7	5.0	6.0	7.0	5.0
LSD VALUE	1.6	1.3	13.0	1.2	1.6	0.9	1.2	1.5	1.2	1.2	0.6
C.V. (%)	9.8	9.7	11.1	12.0	13.9	10.1	10.7	13.3	9.7	9.9	6.2

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

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

TABLE 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT URBANA, IL 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SUMMER	PERCENT ESTABLISH- MENT	QUALITY RATINGS							MEAN
					APR	MAY	JUN	JUL	AUG	SEP	OCT	
IS-AP 9	6.0	4.3	7.0	85.0	5.0	5.0	6.7	6.3	7.0	7.0	6.0	6.1
007 (DSB)	6.3	5.0	7.3	85.0	5.0	5.3	7.0	6.0	6.7	6.0	5.7	6.0
CY-2	4.7	6.0	7.7	86.7	4.7	5.7	5.7	5.3	7.0	7.0	6.0	5.9
DECLARATION	6.0	5.0	7.3	83.3	5.0	5.7	5.7	4.7	7.7	6.3	6.3	5.9
SHARK (23R)	6.3	4.3	7.7	78.3	4.7	4.3	5.7	5.7	7.0	7.0	6.3	5.8
T-1	7.7	5.3	7.3	85.0	4.7	4.0	6.3	5.3	7.0	6.7	6.3	5.8
235050	5.0	4.3	7.3	75.0	4.0	4.3	6.0	5.0	7.0	6.7	6.3	5.6
ALPHA	6.7	5.3	6.3	80.0	4.0	4.7	5.7	5.3	6.7	6.3	6.7	5.6
INDEPENDENCE	6.3	4.7	7.0	76.7	4.3	5.7	6.3	5.3	6.0	6.3	5.3	5.6
PENN A-1	6.0	4.7	7.0	76.7	4.3	5.0	5.7	5.0	6.0	6.7	6.3	5.6
SRX 1GD	6.3	5.7	7.3	73.3	3.3	3.7	5.7	5.0	7.0	6.7	7.7	5.6
KINGPIN (9200)	6.3	6.7	7.0	83.3	4.3	4.0	5.7	5.0	7.0	7.0	5.7	5.5
SRX 1GPD	6.0	5.0	7.0	75.0	3.7	4.0	5.7	5.3	6.7	6.7	6.3	5.5
13-M	6.3	5.7	6.3	88.3	5.3	4.7	5.0	5.0	6.3	6.0	5.7	5.4
LS-44	6.7	5.0	6.3	85.0	4.3	5.0	5.0	5.0	6.7	5.7	6.0	5.4
BENGAL	6.0	6.3	6.7	85.0	4.0	4.0	5.3	5.0	6.0	6.7	6.0	5.3
MEMORIAL (A03-EDI)	6.0	5.0	6.3	81.7	4.3	5.0	4.7	4.3	6.3	6.0	6.0	5.2
PENNLINKS II	6.3	5.0	5.3	80.0	4.0	4.3	5.0	5.0	5.7	5.3	5.7	5.0
BENCHMARK DSR	6.0	5.0	7.0	71.7	3.0	3.3	5.0	4.3	6.3	5.3	6.0	4.8
GREENWICH	5.0	3.3	8.0	70.0	4.0	4.0	4.0	3.3	3.7	6.3	5.3	4.4
IS-AC 1	5.3	4.3	8.0	78.3	3.3	4.3	4.7	2.3	5.0	5.0	6.0	4.4
PENNCROSS	5.3	4.3	4.7	78.3	4.3	4.3	4.0	4.0	4.0	4.7	5.0	4.3
LEGENDARY	4.7	3.7	8.0	70.0	3.3	3.7	4.3	3.0	4.3	4.3	5.7	4.1
VESPER	5.7	4.7	8.0	78.3	3.0	3.0	4.3	3.7	4.3	5.3	4.7	4.0
EFD	4.7	4.0	8.7	78.3	3.0	2.7	4.0	2.0	4.3	5.7	4.7	3.8
SR 7200	5.7	4.7	8.0	63.3	3.0	2.7	3.3	2.7	4.0	4.3	4.0	3.4
LSD VALUE	0.9	1.6	1.0	23.2	0.8	0.8	1.1	1.3	1.3	1.0	1.0	0.6
C.V. (%)	9.6	16.7	8.8	11.2	12.6	11.5	12.5	17.9	13.8	9.8	10.4	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 5.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT WEST LAFAYETTE, IN 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY FALL	DOLLAR	DOLLAR	DOLLAR	DOLLAR	DOLLAR	DOLLAR	QUALITY RATINGS								
				SPOT MAY 21	SPOT MAY 28	SPOT JUNE	SPOT JULY 19	SPOT JULY 23	SPOT AUGUST	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	MEAN
DECLARATION	6.0	5.7	7.3	9.0	9.0	9.0	9.0	8.7	8.7	6.3	7.7	7.7	8.7	7.7	8.3	7.0	7.7	7.6
007 (DSB)	6.7	5.7	7.7	9.0	8.7	9.0	9.0	8.7	8.3	6.0	7.3	8.3	8.3	6.3	8.0	8.3	7.7	7.5
235050	7.3	5.7	8.0	8.7	8.3	9.0	9.0	7.0	6.7	6.0	7.3	8.3	8.3	4.3	8.7	7.7	8.3	7.4
BENCHMARK DSR	7.3	5.7	7.7	9.0	8.3	9.0	9.0	7.7	7.7	5.3	7.7	8.0	8.7	6.0	7.7	8.0	8.0	7.4
SRX 1GPD	6.3	5.7	8.0	8.3	8.3	8.3	9.0	6.7	6.3	6.7	7.7	8.3	8.3	4.7	7.7	8.3	7.3	7.4
SHARK (23R)	6.0	5.3	7.7	9.0	8.7	9.0	9.0	7.3	6.3	6.7	7.0	8.7	8.7	4.3	8.0	7.7	7.3	7.3
T-1	7.3	6.3	8.0	8.0	7.7	8.0	8.3	5.0	2.7	6.3	7.7	8.3	7.3	3.3	8.3	8.0	8.7	7.3
MEMORIAL (A03-EDI)	6.0	5.3	7.0	9.0	9.0	9.0	9.0	8.7	8.0	5.7	7.0	7.3	8.0	6.0	7.7	7.0	8.0	7.1
CY-2	6.3	5.0	7.0	9.0	9.0	9.0	9.0	7.0	6.0	6.7	7.3	7.3	7.7	5.0	7.7	7.7	7.3	7.1
KINGPIN (9200)	7.3	5.3	7.0	9.0	8.7	9.0	9.0	8.0	7.7	5.7	6.7	7.3	7.7	6.0	8.0	7.3	8.0	7.1
PENN A-1	6.7	6.0	7.7	9.0	8.7	9.0	9.0	8.0	6.3	5.3	7.3	7.7	8.3	4.3	7.7	8.3	7.7	7.1
IS-AP 9	6.7	6.0	6.7	9.0	8.7	9.0	9.0	6.3	6.3	5.3	7.3	7.7	7.7	5.0	8.0	7.3	7.7	7.0
SRX 1GD	6.3	4.3	8.3	8.3	7.7	8.7	9.0	5.3	4.0	4.7	7.3	8.3	7.7	4.0	8.0	8.3	8.0	7.0
BENGAL	6.7	6.0	7.3	8.0	8.0	8.0	8.0	4.7	3.3	6.7	6.7	8.0	7.3	3.7	8.0	7.3	7.7	6.9
13-M	6.0	6.0	7.0	9.0	8.3	9.0	9.0	9.0	7.3	5.7	7.0	7.0	7.7	5.3	7.7	7.0	7.3	6.8
INDEPENDENCE	6.7	5.7	7.0	7.3	7.3	6.7	7.3	3.7	3.0	6.0	7.0	7.3	7.3	3.7	8.0	7.0	7.7	6.8
LS-44	7.0	5.7	7.3	8.3	8.3	9.0	8.3	6.3	3.7	5.3	6.7	7.7	7.3	4.0	8.0	7.0	8.0	6.8
ALPHA	7.0	6.3	7.0	9.0	8.0	9.0	9.0	6.3	4.0	6.0	7.0	8.0	7.3	3.7	6.7	7.0	7.7	6.7
GREENWICH	6.7	4.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	6.0	7.0	7.3	7.7	5.7	7.0	6.7	6.0	6.7
IS-AC 1	7.0	4.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	5.7	7.3	7.3	7.0	5.7	7.3	6.7	6.3	6.7
EFD	6.3	5.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	5.7	7.3	6.3	7.0	5.7	7.0	6.0	6.0	6.4
PENNLINKS II	6.7	5.3	6.0	8.3	8.0	8.7	9.0	7.0	6.0	5.7	7.3	7.0	7.0	4.7	7.3	6.3	6.0	6.4
LEGENDARY	7.0	4.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	5.3	6.7	7.0	6.7	5.0	7.0	6.0	5.7	6.2
VESPER	7.0	4.7	9.0	9.0	9.0	9.0	9.0	8.7	7.0	6.3	7.0	6.7	6.7	4.7	6.3	6.0	5.3	6.1
PENNCROSS	6.0	6.0	4.7	8.0	7.3	9.0	8.3	5.3	5.0	5.7	6.3	6.3	5.7	4.0	7.0	5.3	5.3	5.7
SR 7200	7.3	4.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0	5.3	6.3	5.0	5.0	4.3	6.3	5.3	4.3	5.3
LSD VALUE	2.0	1.3	1.0	1.4	2.5	1.0	1.3	1.8	1.7	2.3	2.0	0.9	1.0	1.3	0.9	0.8	0.9	0.4
C.V. (%)	10.9	13.0	8.8	6.9	10.2	6.3	6.3	15.1	17.1	13.9	9.3	7.3	8.4	15.7	7.1	7.4	8.1	3.9

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 6. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT MANHATTAN, KS 1/
2004 DATA

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

NAME	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
CY-2	4.7	6.3	7.0	6.0	5.7	8.0	6.3
MEMORIAL (A03-EDI)	4.3	6.0	5.7	7.0	6.3	7.7	6.2
IS-AP 9	4.0	6.0	6.7	5.7	5.3	7.7	5.9
SHARK (23R)	4.7	6.3	6.3	5.3	4.7	7.3	5.8
BENCHMARK DSR	4.0	5.7	6.0	6.3	5.3	7.3	5.8
LS-44	4.0	6.0	6.3	6.0	5.3	6.7	5.7
13-M	4.0	5.7	5.3	6.0	5.0	7.3	5.6
PENN A-1	4.3	6.0	7.3	5.3	4.3	6.3	5.6
235050	4.0	5.7	6.0	5.0	4.7	7.0	5.4
DECLARATION	4.0	6.3	5.3	4.3	4.7	7.7	5.4
PENNLINKS II	4.0	5.3	5.0	6.0	6.0	6.0	5.4
SRX 1GPD	4.0	6.0	6.3	5.3	4.7	6.3	5.4
ALPHA	4.0	5.7	5.7	5.0	4.7	7.0	5.3
007 (DSB)	3.7	6.0	5.3	5.7	4.3	7.0	5.3
BENGAL	4.0	5.3	4.7	5.3	4.7	6.3	5.1
KINGPIN (9200)	3.3	4.7	5.7	5.7	5.0	6.3	5.1
PENNCROSS	4.0	4.7	4.7	5.3	4.7	6.3	4.9
SRX 1GD	4.0	5.7	6.0	4.0	3.7	6.0	4.9
INDEPENDENCE	3.7	5.3	5.7	5.0	4.0	5.3	4.8
T-1	4.0	5.0	4.3	4.7	4.0	6.7	4.8
GREENWICH	4.0	4.3	5.3	4.0	4.3	5.0	4.5
EFD	3.7	4.0	4.3	4.0	4.3	5.0	4.2
IS-AC 1	4.0	4.0	4.0	4.0	4.0	5.0	4.2
LEGENDARY	4.0	4.0	3.7	3.7	4.0	5.0	4.1
VESPER	3.3	4.0	4.3	3.7	4.0	5.0	4.1
SR 7200	3.0	3.0	3.7	3.3	3.7	4.7	3.6
LSD VALUE	1.6	1.0	1.9	1.5	1.6	1.8	0.7
C.V. (%)	14.2	11.8	19.0	17.0	16.8	15.6	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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT LEXINGTON, KY 1/
2004 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	PERCENT		WINTER COLOR	PERCENT DOLLAR SPOT RATINGS					QUALITY RATINGS							
				COVER SPRING	SPRING		MAY	JUNE 10	JUNE 29	JULY	AUGUST	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
IS-AP 9	7.7	5.7	8.3	67.0	8.0	7.7	20.0	21.7	6.3	12.3	6.7	7.7	6.0	5.0	7.7	6.3	9.0	7.7	7.0
007 (DSB)	7.7	5.7	8.0	98.3	7.7	5.0	8.7	11.7	7.0	11.0	6.7	7.3	7.0	5.0	7.7	5.3	8.0	7.3	6.8
MEMORIAL (A03-EDI)	6.0	5.7	7.7	96.3	7.0	2.0	6.3	10.7	6.3	10.7	6.3	7.0	6.7	6.0	6.7	5.0	7.0	7.0	6.5
CY-2	6.7	4.0	8.0	97.7	8.0	3.3	9.0	12.0	7.3	13.0	6.3	6.7	5.7	5.3	7.0	5.7	8.0	7.7	6.5
DECLARATION	8.0	5.7	7.7	97.3	7.7	3.3	8.7	9.3	6.7	8.3	6.7	7.3	7.7	6.3	7.3	6.0	4.3	6.0	6.5
ALPHA	7.0	6.3	6.7	99.0	6.7	11.7	25.0	31.7	8.0	31.7	7.0	8.3	6.3	4.0	6.3	4.7	7.3	7.0	6.4
PENNLINKS II	6.0	6.3	7.0	97.7	7.3	7.3	14.7	18.0	7.7	10.0	6.7	7.7	6.3	5.0	7.0	5.7	6.0	6.7	6.4
T-1	7.7	5.0	6.3	99.0	7.0	10.0	14.0	20.7	12.3	23.0	6.3	7.3	5.7	4.7	6.7	5.3	8.0	7.3	6.4
235050	8.0	5.7	8.0	94.3	7.0	6.0	15.7	21.7	12.3	16.7	5.3	6.7	6.0	5.3	6.3	6.0	7.0	6.7	6.2
SHARK (23R)	6.7	5.0	7.0	97.7	6.7	8.7	15.7	21.7	14.7	31.7	6.3	7.0	5.7	4.7	6.3	4.7	8.3	6.7	6.2
13-M	6.3	6.3	7.0	97.0	7.0	6.3	17.3	16.0	7.3	20.0	6.3	7.3	6.0	5.0	7.0	5.0	5.7	6.3	6.1
BENCHMARK DSR	6.7	4.0	6.3	95.3	7.7	5.3	10.3	14.7	12.3	16.7	6.0	6.7	6.0	5.0	6.7	5.3	6.7	6.3	6.1
KINGPIN (9200)	6.3	3.3	8.3	91.7	8.0	4.7	8.0	13.0	7.7	14.0	4.7	6.7	5.3	5.7	7.0	5.3	7.0	7.0	6.1
PENN A-1	6.3	6.0	7.7	97.0	7.0	8.0	12.3	17.3	12.0	17.7	6.3	7.3	5.0	5.0	6.0	5.7	7.3	6.3	6.1
INDEPENDENCE	6.7	5.3	6.7	97.7	7.0	12.7	24.0	30.7	13.7	28.3	6.3	7.0	5.7	4.0	6.3	5.0	7.3	6.0	6.0
LS-44	8.0	5.3	6.3	96.3	7.0	8.0	14.0	18.0	17.3	22.3	6.7	7.0	5.7	5.0	6.0	5.7	6.0	6.3	6.0
SRX 1GPD	7.0	4.7	7.0	97.3	7.3	6.7	13.0	18.3	15.0	21.7	6.0	7.3	5.3	4.7	6.3	5.3	6.7	6.3	6.0
BENGAL	7.0	5.0	5.3	97.0	7.3	11.7	20.7	30.0	19.0	17.0	6.3	8.0	5.3	4.3	5.3	4.7	6.3	6.0	5.8
SRX 1GD	7.7	5.0	6.3	93.0	7.0	5.7	11.3	16.0	15.7	12.7	5.7	6.0	5.7	5.0	6.0	5.0	6.0	6.7	5.8
EFD	3.7	3.7	5.7	98.7	9.0	0.0	6.0	7.3	0.0	8.0	6.7	6.7	4.7	5.3	4.0	4.0	6.0	4.7	5.3
PENNCROSS	5.0	6.7	3.7	97.3	7.0	6.3	13.0	15.0	16.7	33.3	6.7	6.3	4.7	4.3	5.0	4.0	4.3	4.7	5.0
VESPER	4.3	4.7	6.0	99.0	9.0	3.3	12.0	16.7	0.0	40.0	6.3	7.7	4.7	4.7	4.0	3.0	4.7	4.3	4.9
SR 7200	4.0	3.0	4.7	95.3	9.0	0.0	6.7	8.0	1.7	19.0	5.7	7.0	4.7	4.7	3.7	3.3	4.3	4.7	4.8
GREENWICH	4.3	4.3	5.7	99.0	9.0	1.7	7.7	9.3	0.0	21.7	6.0	5.7	4.0	4.7	3.7	3.7	5.0	4.7	4.7
IS-AC 1	3.0	5.3	5.3	97.7	9.0	1.0	7.7	7.0	0.0	9.0	5.3	5.3	4.0	4.0	4.0	4.0	5.0	4.3	4.5
LEGENDARY	3.3	5.0	6.0	98.7	9.0	3.0	12.3	10.7	0.0	34.0	5.7	5.7	4.0	4.0	4.0	3.3	5.0	4.3	4.5
LSD VALUE	1.3	2.0	1.4	29.6	0.8	5.5	12.1	9.5	8.0	18.2	2.5	1.4	1.7	1.2	1.1	1.1	1.3	0.9	0.5
C.V. (%)	13.3	20.4	13.0	10.4	6.8	55.4	46.8	34.5	55.3	49.4	13.7	10.6	16.9	13.1	12.5	13.7	12.9	9.9	5.2

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

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

TABLE 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT AMHERST, MA 1/
2004 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	FALL	SCALPING RATINGS	JUL	AUG	QUALITY RATINGS				MEAN
				COLOR DECEMBER				SEP	OCT	NOV	DEC	
LEGENDARY	7.0	5.7	8.0	7.0	8.0	7.7	6.7	7.0	7.3	5.0	4.7	6.4
VESPER	7.0	4.3	7.7	7.3	8.3	7.7	7.0	7.0	6.3	5.3	4.3	6.3
IS-AC 1	6.7	5.0	7.7	7.0	8.7	7.0	6.3	7.3	7.3	4.7	4.7	6.2
SR 7200	6.7	2.7	7.7	7.0	8.7	7.0	5.7	7.0	6.7	5.3	5.3	6.2
EFD	6.7	3.7	8.0	7.0	8.3	7.7	6.3	6.7	6.0	5.3	4.3	6.1
GREENWICH	7.0	5.7	8.0	7.3	7.3	7.3	6.7	7.3	5.3	5.0	4.7	6.1
MEMORIAL (A03-EDI)	6.3	4.3	6.3	5.7	7.3	7.3	6.3	7.0	5.3	5.0	5.0	6.0
LS-44	6.3	4.0	6.0	6.7	8.0	6.7	5.3	7.0	6.0	5.0	5.0	5.8
IS-AP 9	6.3	4.7	6.7	6.7	7.3	7.3	5.7	7.0	5.0	4.0	4.7	5.6
13-M	6.0	3.7	6.3	5.7	6.3	7.3	5.0	6.7	5.0	4.3	4.7	5.5
PENNLINKS II	6.0	4.7	6.0	6.3	7.7	6.7	5.0	6.0	5.3	4.7	5.0	5.4
T-1	6.3	3.3	7.0	6.3	5.3	7.3	6.7	7.0	4.0	3.7	3.7	5.4
BENCHMARK DSR	6.7	1.3	6.0	5.7	6.0	6.7	5.3	6.0	4.7	4.3	4.7	5.3
KINGPIN (9200)	6.7	2.0	6.0	6.3	6.3	6.7	4.7	6.3	5.0	4.7	4.7	5.3
BENGAL	6.0	2.3	6.7	6.0	6.0	7.0	5.7	6.0	4.0	4.3	4.3	5.2
PENNCROSS	6.7	4.0	5.7	5.7	7.0	6.7	5.0	5.7	5.0	4.7	4.3	5.2
SRX 1GPD	6.7	2.3	6.7	6.3	3.3	7.3	6.0	7.7	3.3	3.7	3.3	5.2
SHARK (23R)	6.0	3.0	7.0	6.0	3.7	7.7	6.7	7.0	3.0	3.0	3.0	5.1
CY-2	6.3	4.3	6.7	5.3	3.7	8.0	6.0	7.3	2.7	3.3	3.3	5.1
DECLARATION	6.0	5.7	7.0	5.7	3.3	7.3	5.7	7.0	3.0	3.7	3.7	5.1
PENN A-1	6.0	2.7	6.3	6.7	4.7	7.0	5.3	6.3	4.0	3.7	4.0	5.1
235050	6.3	3.7	6.7	5.7	5.7	7.3	5.7	7.0	3.3	3.3	3.3	5.0
ALPHA	6.3	2.7	6.0	5.7	5.0	7.3	6.0	6.7	3.3	3.3	3.3	5.0
007 (DSB)	6.7	4.3	7.3	5.7	3.0	7.3	6.3	7.3	2.7	3.0	3.0	4.9
INDEPENDENCE	6.0	5.7	7.0	6.0	4.0	7.3	6.3	7.0	3.0	2.7	3.3	4.9
SRX 1GD	6.3	2.7	7.0	6.0	2.7	7.3	6.3	6.7	2.7	3.0	3.3	4.9
LSD VALUE	1.1	4.0	0.8	0.9	1.5	1.5	1.0	0.8	1.4	1.0	1.1	0.5
C.V. (%)	7.1	44.2	7.4	8.2	16.1	7.7	9.7	6.5	19.0	14.4	15.7	5.9

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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT ORONO, ME 1/
2004 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY SUMMER	PERCENT	LEAF SPOT	RED THREAD	BROWN	PERCENT	WEEDS JUNE	WEEDS SEPTEMBER	MAY	QUALITY RATINGS				MEAN
				COVER SUMMER			PATCH WARM TEMP.	ESTABLISH- MENT				JUL	AUG	SEP	OCT	
LEGENDARY	7.7	9.0	7.7	73.3	7.7	8.0	8.0	45.0	3.7	2.3	7.0	8.0	9.0	8.3	9.0	8.3
GREENWICH	7.7	9.0	7.7	65.0	7.3	8.3	8.0	41.7	5.3	2.3	6.3	7.7	8.7	9.0	9.0	8.1
IS-AC 1	7.7	9.0	7.7	71.7	8.3	8.3	8.0	36.7	4.0	2.7	6.0	7.7	9.0	8.7	9.0	8.1
EFD	7.3	9.0	8.0	80.0	7.7	8.3	8.0	33.3	4.0	3.0	5.7	8.0	9.0	8.3	9.0	8.0
SR 7200	8.0	9.0	7.7	58.3	7.3	9.0	8.3	25.0	4.3	3.0	5.7	7.3	9.0	9.0	9.0	8.0
VESPER	7.7	9.0	8.0	76.7	8.3	7.7	8.3	21.7	4.0	2.3	5.3	8.0	9.0	8.7	9.0	8.0
INDEPENDENCE	6.3	6.3	7.0	76.7	5.3	8.0	8.0	35.0	3.7	2.3	6.0	7.3	7.7	7.7	7.3	7.2
T-1	6.0	6.7	6.7	61.7	5.3	7.7	6.0	40.0	3.3	3.7	6.3	7.0	7.3	7.3	7.3	7.1
KINGPIN (9200)	6.0	6.7	6.7	60.0	6.3	8.3	7.7	31.7	4.7	4.7	6.0	7.0	7.7	7.3	7.0	7.0
MEMORIAL (A03-EDI)	6.0	5.7	5.0	65.0	5.3	8.0	6.3	55.0	4.7	3.0	7.0	5.7	7.0	7.3	7.0	6.8
007 (DSB)	6.0	5.7	6.3	66.7	7.7	8.0	7.5	48.3	5.3	3.7	6.0	6.7	7.3	7.0	7.0	6.8
LS-44	6.0	6.7	6.7	65.0	6.3	8.0	7.0	33.3	3.7	3.3	6.3	7.0	7.0	6.7	7.0	6.8
13-M	6.0	6.3	7.3	60.0	5.7	8.7	8.3	18.3	4.7	3.3	5.7	7.0	7.0	6.7	7.3	6.7
SHARK (23R)	6.0	5.7	6.0	76.7	5.3	8.7	7.7	53.3	4.7	2.7	6.0	6.0	7.3	7.7	6.7	6.7
ALPHA	6.0	6.0	6.3	66.7	7.0	8.7	7.7	20.0	4.3	2.0	5.7	6.7	7.7	7.0	6.7	6.7
IS-AP 9	6.0	6.7	7.0	55.0	4.7	8.3	8.3	43.3	5.0	2.7	5.0	6.7	7.7	7.0	7.3	6.7
SRX 1GPD	6.0	6.7	6.0	70.0	5.7	7.7	7.0	50.0	4.3	4.3	6.3	5.7	7.3	7.3	6.7	6.7
235050	6.0	5.7	6.7	60.0	6.0	7.7	8.0	73.3	4.0	2.7	6.0	6.7	7.3	6.7	6.3	6.6
BENCHMARK DSR	6.0	6.3	5.0	43.3	7.7	8.7	7.3	20.0	5.0	3.0	6.3	5.0	7.3	7.0	7.3	6.6
BENGAL	6.0	6.3	5.7	75.0	5.7	8.0	6.0	43.3	4.7	3.3	6.7	6.0	6.7	7.0	6.7	6.6
PENNLINKS II	6.0	6.0	6.7	50.0	6.7	8.3	7.0	35.0	4.0	4.0	6.0	6.3	6.7	7.0	7.0	6.6
SRX 1GD	6.0	6.3	5.0	66.7	6.0	7.7	7.0	31.7	5.0	4.3	6.0	5.7	7.0	7.0	7.3	6.6
PENN A-1	6.0	5.7	6.3	78.3	5.3	8.3	7.0	40.0	4.0	2.3	5.7	6.0	7.3	7.0	6.7	6.5
DECLARATION	6.0	5.3	6.7	75.0	6.0	8.3	7.0	18.3	5.3	2.7	5.0	6.3	7.3	6.7	6.7	6.4
CY-2	6.0	5.7	6.7	63.3	7.3	8.0	7.0	33.3	5.0	3.3	5.3	6.3	6.0	6.3	6.7	6.1
PENNCROSS	6.0	5.7	4.3	76.7	5.7	7.0	5.0	45.0	4.7	3.0	5.0	5.0	5.7	7.0	6.3	5.8
LSD VALUE	0.5	1.0	1.7	43.3	2.5	1.9	2.6	67.4	3.2	2.2	4.5	2.1	1.0	0.7	1.0	0.7
C.V. (%)	5.4	9.6	14.7	22.2	18.9	8.3	15.0	58.6	22.7	30.2	20.0	15.4	8.0	6.0	8.6	6.5

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

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

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT EAST LANSING, MI 1/
2004 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	DENSITY SPRING	DENSITY FALL	PERCENT COVER		APR	MAY	QUALITY RATINGS					MEAN
						SPRING	FALL			JUN	JUL	AUG	OCT	NOV	
DECLARATION	6.3	6.7	7.0	7.0	6.7	90.0	98.3	7.0	6.3	7.0	7.0	7.0	6.3	7.0	6.8
007 (DSB)	6.0	6.7	7.0	7.0	7.0	90.0	97.3	7.0	6.0	6.7	7.0	7.0	7.0	7.0	6.8
SHARK (23R)	6.0	6.7	7.0	6.3	7.0	86.7	97.7	7.0	6.3	6.3	6.3	7.0	7.7	6.3	6.7
235050	6.0	6.7	6.7	6.7	7.0	83.3	98.3	7.0	5.3	6.3	6.0	7.0	7.7	6.7	6.6
INDEPENDENCE	6.0	6.7	7.0	7.0	7.0	88.3	98.0	7.0	6.0	6.3	6.3	7.0	7.3	6.3	6.6
13-M	6.0	6.3	7.0	6.7	6.3	90.0	98.7	6.7	6.0	7.0	6.7	7.0	6.3	6.0	6.5
MEMORIAL (A03-EDI)	5.0	6.3	7.0	7.0	6.7	83.3	98.0	6.3	5.7	6.3	6.0	7.0	7.3	6.0	6.4
PENN A-1	6.0	7.0	7.3	7.0	7.0	90.0	98.3	7.0	5.7	7.0	6.0	7.0	6.3	5.7	6.4
BENCHMARK DSR	6.0	6.0	7.0	6.7	7.0	86.7	97.3	7.0	5.7	6.0	6.0	7.0	7.0	5.3	6.3
BENGAL	6.0	6.7	7.0	7.0	6.7	86.7	98.0	6.7	5.7	5.7	6.0	6.7	7.0	6.7	6.3
CY-2	6.0	6.3	7.0	6.7	6.7	90.0	98.0	7.0	6.0	6.0	5.7	6.7	6.7	6.3	6.3
SRX 1GPD	6.0	7.0	6.7	5.7	7.0	80.0	97.7	6.0	6.0	5.7	5.3	6.7	8.0	6.7	6.3
LS-44	6.0	6.7	7.0	6.7	6.7	90.0	97.7	7.0	6.0	6.0	6.0	6.3	6.3	5.7	6.2
T-1	5.7	6.3	6.7	6.7	6.7	80.0	98.0	6.3	5.3	5.7	6.7	6.7	7.3	5.3	6.2
ALPHA	5.7	6.0	7.3	6.7	7.0	83.3	96.3	6.7	6.0	6.0	5.7	6.3	6.7	5.3	6.1
PENNCROSS	6.0	6.3	7.0	7.0	6.3	88.3	97.7	7.0	6.0	6.0	5.7	6.0	6.7	5.7	6.1
PENNLINKS II	6.0	6.0	7.0	5.7	6.0	80.0	97.7	6.0	5.3	6.0	6.3	6.3	6.0	5.3	5.9
GREENWICH	4.0	8.0	6.7	5.3	7.0	78.3	97.0	5.0	5.3	5.0	6.0	7.0	8.0	4.0	5.8
KINGPIN (9200)	5.7	6.3	6.3	6.0	7.0	73.3	97.3	5.7	5.0	5.3	5.7	6.3	7.0	5.7	5.8
IS-AP 9	5.3	6.3	7.0	5.7	7.0	80.0	97.7	5.3	5.0	5.7	6.0	6.7	6.3	5.0	5.7
LEGENDARY	4.0	8.0	7.3	6.0	7.0	81.7	97.7	5.0	5.3	5.3	5.7	7.0	7.7	4.0	5.7
SR 7200	4.0	8.0	7.0	4.7	7.0	70.0	97.7	5.0	5.0	5.0	6.0	7.0	7.0	4.7	5.7
SRX 1GD	6.0	6.3	6.7	6.3	6.7	76.7	97.0	5.7	5.0	5.0	5.0	6.3	7.0	6.0	5.7
VESPER	4.0	8.0	5.7	5.0	7.0	70.0	97.3	5.3	4.7	5.0	5.0	6.7	7.3	4.0	5.4
EFD	4.0	8.0	5.7	4.3	7.0	56.7	96.7	4.0	5.0	5.3	5.0	6.3	7.3	4.0	5.3
IS-AC 1	4.0	8.0	6.0	5.0	7.0	66.7	96.3	4.7	4.3	5.0	5.3	6.7	7.3	4.0	5.3
LSD VALUE	0.4	0.7	1.6	0.9	0.7	19.7	1.5	1.0	1.2	0.8	0.8	1.4	1.2	1.0	0.6
C.V. (%)	4.4	6.5	9.3	8.8	4.9	12.0	0.7	9.8	10.9	8.4	8.1	7.2	8.6	11.0	6.0

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 11. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT ST. PAUL, MN 1/ 2004 DATA

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

NAME	GENETIC	DENSITY	QUALITY RATINGS						MEAN
	COLOR	SUMMER	MAY	JUN	JUL	AUG	SEP	OCT	
T-1	8.3	8.0	4.7	7.7	7.0	7.7	7.7	7.0	6.9
VESPER	7.3	9.0	4.7	8.0	8.0	8.3	7.3	5.3	6.9
007 (DSB)	7.3	8.0	4.3	6.7	7.0	7.7	8.0	6.3	6.7
LS-44	7.7	8.0	4.7	7.0	7.0	7.7	7.3	6.7	6.7
DECLARATION	6.7	8.0	4.3	7.3	7.0	7.3	7.3	6.0	6.6
INDEPENDENCE	6.3	8.0	4.7	7.0	7.0	7.7	7.3	5.7	6.6
SHARK (23R)	7.0	8.0	4.0	6.7	7.3	7.7	8.0	5.3	6.5
IS-AP 9	8.0	8.0	4.0	6.3	6.7	7.7	8.0	6.3	6.5
PENN A-1	6.3	8.0	4.0	6.7	7.0	7.3	7.3	6.7	6.5
235050	7.7	8.0	4.0	6.0	7.0	7.7	8.0	6.0	6.4
CY-2	6.7	8.0	4.3	6.3	7.0	7.0	7.3	6.7	6.4
GREENWICH	6.3	9.0	4.7	7.3	6.7	8.0	7.0	5.0	6.4
IS-AC 1	6.0	9.0	4.7	6.7	7.3	8.0	7.0	5.0	6.4
SRX 1GD	6.7	8.0	4.0	6.0	7.3	7.3	7.7	6.0	6.4
ALPHA	7.0	8.0	4.7	6.7	6.7	7.3	7.3	5.3	6.3
BENCHMARK DSR	7.7	8.0	4.0	5.7	6.7	7.0	7.7	6.7	6.3
EFD	6.3	9.0	4.7	6.3	6.7	8.0	7.0	5.0	6.3
SRX 1GPD	5.7	8.0	4.3	6.3	7.0	7.7	7.3	5.0	6.3
13-M	5.3	8.0	4.7	6.7	6.7	7.3	6.7	5.0	6.2
BENGAL	6.7	8.0	4.3	6.7	6.7	7.0	6.7	5.7	6.2
LEGENDARY	6.0	9.0	4.0	6.7	6.7	8.0	7.0	5.0	6.2
KINGPIN (9200)	7.7	8.0	4.0	5.7	6.7	7.3	7.3	5.7	6.1
MEMORIAL (A03-EDI)	5.3	8.0	4.0	6.3	7.3	7.0	6.3	5.0	6.0
PENNLINKS II	6.7	7.3	4.7	6.7	6.3	6.7	6.3	5.3	6.0
SR 7200	6.3	9.0	4.0	6.0	6.3	7.7	7.0	4.7	5.9
PENNCROSS	5.0	7.3	4.3	6.0	6.0	6.0	5.0	4.3	5.3
LSD VALUE	1.1	0.2	1.2	1.3	1.2	0.8	0.7	1.8	0.5
C.V. (%)	10.3	2.0	10.3	9.8	7.7	6.1	6.4	15.3	4.6

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

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

TABLE 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2004 DATA

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

NAME	QUALITY RATINGS												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
SHARK (23R)	5.0	4.3	4.7	5.7	7.0	7.0	7.0	7.3	5.7	7.3	7.3	6.7	6.3
MEMORIAL (A03-EDI)	5.0	4.7	5.7	5.7	6.7	7.0	7.7	7.7	6.3	6.7	6.3	6.3	6.3
IS-AP 9	4.0	4.3	5.0	5.3	6.7	7.0	7.3	7.3	6.3	7.7	7.0	6.7	6.2
235050	4.0	4.3	4.7	5.7	6.0	6.7	6.7	8.0	6.3	7.3	7.3	6.0	6.1
EFD	4.0	4.3	4.3	5.0	6.0	6.3	6.7	7.3	7.0	8.0	7.3	7.0	6.1
PENN A-1	4.3	4.3	5.0	5.3	6.0	6.3	6.7	7.3	6.3	7.3	7.3	6.7	6.1
BENGAL	4.3	4.3	5.0	6.3	6.7	7.0	7.3	7.7	5.7	6.0	5.7	6.3	6.0
BENCHMARK DSR	4.3	4.3	5.3	5.7	6.3	6.0	6.3	6.7	5.7	7.7	7.0	5.7	5.9
INDEPENDENCE	4.0	4.0	4.7	5.0	6.7	7.0	7.3	7.7	5.7	6.7	6.3	6.3	5.9
SRX 1GD	4.7	5.0	5.3	5.7	7.0	6.0	6.0	5.3	6.0	6.7	7.0	6.3	5.9
007 (DSB)	5.3	4.7	5.3	6.0	7.0	6.0	6.0	6.0	5.0	6.3	5.7	5.7	5.8
GREENWICH	4.7	4.3	5.3	6.0	5.7	6.0	6.0	5.7	5.3	7.0	6.7	7.0	5.8
T-1	4.7	4.7	5.3	5.7	6.7	6.7	6.7	7.0	5.3	5.7	5.3	6.3	5.8
DECLARATION	4.0	4.3	4.7	5.7	6.3	6.7	6.7	6.7	5.3	6.3	6.0	5.3	5.7
SRX 1GPD	5.0	4.7	5.0	5.7	6.3	6.3	6.0	5.7	5.3	6.3	6.0	6.0	5.7
VESPER	4.0	4.0	4.3	4.3	5.7	6.3	6.3	6.7	6.0	7.0	7.3	6.7	5.7
ALPHA	5.0	4.7	5.7	6.3	7.0	6.3	6.3	6.3	4.7	5.3	4.7	5.3	5.6
LS-44	4.3	4.0	4.7	5.3	5.3	6.3	6.7	6.3	5.3	6.7	7.0	5.7	5.6
PENNCROSS	4.3	4.3	5.0	5.7	6.0	5.3	5.7	5.7	5.3	6.7	6.3	6.0	5.5
PENNLINKS II	4.7	4.3	5.0	5.7	6.7	5.3	5.0	5.3	5.3	6.3	6.7	5.7	5.5
13-M	4.0	4.0	4.3	4.7	5.7	5.7	5.7	5.7	6.3	6.7	6.0	6.3	5.4
CY-2	5.0	4.7	5.3	6.0	6.0	6.0	6.0	6.0	4.7	5.7	4.7	5.0	5.4
IS-AC 1	4.0	4.3	4.7	5.7	6.0	6.0	6.0	6.0	4.7	6.0	5.0	5.3	5.3
KINGPIN (9200)	4.0	4.3	4.3	5.0	6.3	6.3	6.3	7.0	4.7	5.0	4.3	5.3	5.3
SR 7200	4.0	4.3	4.7	5.0	5.7	5.7	5.7	6.3	5.3	6.0	5.7	5.7	5.3
LEGENDARY	4.0	4.0	4.3	4.3	5.7	5.7	6.0	6.3	5.0	5.7	5.0	5.3	5.1
LSD VALUE	1.4	1.3	2.0	1.3	2.9	4.0	4.7	5.2	1.8	2.1	2.4	2.3	1.7
C.V. (%)	13.3	9.7	13.9	11.4	14.2	17.1	20.3	23.0	14.5	14.6	18.4	14.1	9.5

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

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

TABLE 12. (CONT'D) MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2004 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	PERCENT ESTABLISHMENT RATINGS			PYTHIUM ROOT ROT		BROWN PATCH RATINGS	
			NOV 03	DEC 03	JAN 04	NOV 03	DEC 03	JULY	AUGUST
SHARK (23R)	6.0	8.7	80.0	93.0	98.0	7.3	9.0	8.7	8.3
MEMORIAL (A03-EDI)	6.3	8.3	88.3	96.0	98.3	8.0	9.0	9.0	9.0
IS-AP 9	6.3	8.3	80.0	90.0	96.7	7.3	9.0	8.7	8.7
235050	6.7	8.0	75.0	86.7	95.0	7.0	9.0	8.7	9.0
EFD	6.0	7.7	71.7	85.0	93.3	7.7	9.0	9.0	8.7
PENN A-1	6.0	8.3	71.7	84.0	92.0	7.0	9.0	9.0	9.0
BENGAL	6.3	8.3	83.3	92.7	97.3	7.3	9.0	9.0	8.7
BENCHMARK DSR	6.0	7.7	78.3	90.0	93.3	6.3	9.0	8.7	8.7
INDEPENDENCE	6.3	8.7	70.0	86.7	94.0	7.7	9.0	9.0	8.7
SRX 1GD	6.3	8.0	80.0	89.7	94.7	7.3	9.0	8.3	8.0
007 (DSB)	5.3	7.0	91.7	97.3	99.0	7.7	9.0	8.0	9.0
GREENWICH	6.0	7.3	88.3	93.7	98.0	6.7	9.0	9.0	8.3
T-1	6.0	8.0	83.3	92.3	95.3	6.3	9.0	8.7	8.7
DECLARATION	6.7	8.0	68.3	81.7	91.7	7.0	9.0	8.7	8.3
SRX 1GPD	5.7	7.7	85.0	96.3	98.3	7.3	9.0	8.3	7.7
VESPER	6.7	8.0	71.7	85.0	92.3	7.3	9.0	9.0	8.7
ALPHA	6.7	7.7	88.3	96.3	98.0	6.7	9.0	8.3	9.0
LS-44	5.7	8.0	80.0	86.7	96.0	7.0	9.0	8.7	8.3
PENNCROSS	6.3	7.0	75.0	88.0	94.7	7.0	9.0	8.7	8.3
PENNLINKS II	5.7	6.7	81.7	94.0	97.0	7.7	9.0	7.3	7.3
13-M	6.0	7.3	65.0	78.3	85.0	7.3	9.0	8.7	8.7
CY-2	5.7	7.3	88.3	95.7	97.7	6.3	9.0	8.3	8.7
IS-AC 1	5.3	7.7	85.0	92.3	96.3	7.3	9.0	8.7	8.0
KINGPIN (9200)	6.3	7.7	78.3	86.7	91.7	7.7	9.0	9.0	8.7
SR 7200	6.3	7.3	58.3	80.0	87.3	7.0	9.0	8.7	8.7
LEGENDARY	6.3	7.7	76.7	83.3	91.7	6.7	7.7	8.7	8.0
LSD VALUE	2.2	4.4	22.7	16.2	9.1	2.2	0.2	1.5	2.2
C.V. (%)	11.1	14.8	13.0	7.9	4.5	10.4	1.3	6.5	8.5

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 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT MEAD, NE 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS							MEAN	
						APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
BENCHMARK DSR	7.0	7.0	9.0	9.0	9.0	6.7	7.7	8.7	7.0	7.0	8.0	7.7	8.0	7.6
BENGAL	7.3	7.3	9.0	9.0	8.7	6.7	8.0	6.3	7.3	8.3	6.7	6.7	6.7	7.1
KINGPIN (9200)	9.0	7.3	9.0	9.0	9.0	7.0	8.3	7.3	6.3	8.0	7.7	7.0	5.3	7.1
ALPHA	8.0	5.7	8.7	9.0	9.0	6.3	6.7	6.7	8.0	7.7	6.3	7.3	7.3	7.0
235050	7.7	6.3	9.0	9.0	8.7	6.0	6.3	7.0	7.3	6.7	6.7	6.3	6.3	6.6
DECLARATION	7.3	7.3	8.7	9.0	8.3	6.3	7.0	7.3	8.0	7.3	6.3	6.0	4.7	6.6
MEMORIAL (A03-EDI)	7.7	5.0	8.7	8.7	9.0	5.3	6.0	5.3	6.3	6.3	7.3	7.0	8.0	6.5
IS-AP 9	7.0	5.7	9.0	9.0	9.0	5.0	6.0	7.0	6.0	6.0	6.7	7.3	8.0	6.5
T-1	7.7	5.0	8.7	9.0	9.0	5.0	6.3	6.3	7.7	7.0	6.3	7.0	6.0	6.5
CY-2	7.3	5.7	7.7	8.7	8.3	5.0	6.3	6.3	7.0	6.7	6.0	6.3	7.7	6.4
SRX 1GD	7.7	6.7	9.0	9.0	8.3	5.7	6.7	7.7	7.0	6.7	6.3	5.7	5.7	6.4
13-M	8.0	5.3	8.3	8.3	9.0	6.0	6.3	6.3	7.3	7.0	6.3	6.0	5.0	6.3
PENN A-1	7.7	4.0	7.3	8.3	8.7	4.0	3.7	5.0	8.3	8.0	8.0	6.3	6.7	6.3
PENNLINKS II	7.3	6.7	9.0	9.0	8.3	5.3	7.0	7.3	7.0	7.0	7.0	5.0	5.0	6.3
SR 7200	7.0	6.0	8.7	8.7	5.0	4.3	6.0	7.0	7.7	6.7	7.0	5.0	4.0	6.0
EFD	8.0	4.7	8.7	8.7	6.0	5.7	6.0	6.3	6.7	6.7	6.3	4.3	4.3	5.8
GREENWICH	7.3	5.7	9.0	9.0	5.3	5.0	6.0	6.3	6.3	6.0	7.3	4.3	5.0	5.8
IS-AC 1	8.0	6.3	8.7	8.7	5.7	5.0	6.0	6.3	6.7	6.3	6.3	4.7	4.7	5.8
LEGENDARY	7.7	5.7	8.3	8.3	7.3	5.3	5.7	6.7	7.7	6.3	6.0	4.3	4.3	5.8
SHARK (23R)	7.0	5.0	8.0	8.0	9.0	4.3	5.3	5.7	5.0	6.0	5.7	6.7	7.0	5.7
LS-44	7.7	4.7	8.0	8.3	8.7	4.0	5.3	5.3	7.0	6.3	5.7	6.0	6.0	5.7
SRX 1GPD	7.7	5.0	8.0	8.0	9.0	5.0	5.3	6.0	5.0	5.0	4.7	7.0	7.0	5.6
007 (DSB)	7.3	4.0	7.0	7.3	9.0	5.3	5.3	4.7	4.7	5.7	6.3	6.0	6.3	5.5
INDEPENDENCE	7.7	4.3	7.0	8.0	8.7	4.3	4.7	4.3	7.7	5.3	5.3	6.3	6.0	5.5
PENNCROSS	7.3	6.3	9.0	9.0	8.0	5.3	5.7	6.0	6.0	6.3	5.3	5.0	4.0	5.5
VESPER	7.0	5.7	8.7	8.7	5.0	3.7	3.7	4.0	1.3	3.3	5.0	3.3	3.0	3.4
LSD VALUE	0.8	1.0	0.7	0.6	0.7	0.8	1.0	1.8	1.6	1.4	1.3	1.3	1.0	0.6
C.V. (%)	6.0	11.0	5.3	4.3	6.1	9.7	10.6	16.1	15.4	13.0	11.7	13.4	11.0	6.7

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

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

TABLE 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT NEW BRUNSWICK, NJ 1/
2004 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	DENSITY FALL	DOLLAR SPOT	BROWN	PERCENT	COPPER SPOT	APR	MAY	JUN	QUALITY RATINGS				OCT	NOV	MEAN
					PATCH WARM	ESTABLISH- TEMP.					JUL	AUG	SEP				
IS-AC 1	8.0	9.0	6.7	9.0	7.3	70.0	5.3	9.0	8.0	8.3	8.7	6.3	8.0	8.0	6.0	7.8	
LEGENDARY	7.3	8.0	4.3	8.3	7.7	71.7	5.3	8.7	8.3	8.7	9.0	6.0	7.7	7.0	4.7	7.5	
SRX 1GD	6.0	7.3	8.0	5.0	8.7	55.0	7.3	6.7	7.7	8.3	8.7	8.3	7.0	6.7	6.3	7.5	
EFD	8.0	7.7	4.0	9.0	7.7	58.3	4.3	7.7	7.7	7.7	7.0	5.7	7.7	7.0	6.7	7.1	
VESPER	6.0	8.7	5.3	7.3	5.3	61.7	3.3	7.7	8.7	8.7	8.3	5.0	7.0	6.0	5.3	7.1	
GREENWICH	7.3	7.3	4.7	8.3	6.0	68.3	3.7	8.3	8.7	8.7	8.0	6.0	6.7	6.0	4.0	7.0	
235050	4.7	5.7	3.7	6.0	6.3	60.0	6.7	6.0	8.3	8.0	7.7	6.7	6.0	4.7	5.3	6.6	
SHARK (23R)	4.3	4.7	6.0	4.0	6.7	63.3	4.7	6.0	7.3	8.0	8.3	6.7	6.3	5.3	5.0	6.6	
CY-2	4.7	5.0	6.7	5.3	7.0	63.3	5.0	7.0	6.3	6.7	7.3	5.7	6.0	6.3	7.0	6.5	
DECLARATION	5.7	6.0	6.0	7.3	6.3	66.7	5.7	5.7	8.0	7.7	6.3	6.7	6.0	5.3	6.0	6.5	
INDEPENDENCE	4.0	4.0	4.3	4.7	6.3	63.3	6.7	6.3	7.7	7.3	7.7	6.0	5.0	5.0	5.3	6.3	
SR 7200	7.0	7.3	5.3	9.0	6.0	38.3	3.0	7.3	7.0	7.0	6.0	4.7	6.7	6.0	5.7	6.3	
SRX 1GPD	4.7	7.0	6.3	6.0	6.7	55.0	5.7	6.7	6.7	7.0	7.3	6.3	6.3	6.7	3.7	6.3	
007 (DSB)	5.3	6.3	5.0	5.7	6.3	60.0	6.0	4.7	6.3	6.7	7.0	6.3	5.0	5.3	6.0	5.9	
PENN A-1	5.3	5.3	5.7	5.7	5.7	66.7	6.3	4.7	6.7	8.3	6.0	5.7	5.7	5.3	5.0	5.9	
T-1	3.3	5.3	4.7	5.0	6.0	63.3	4.7	4.7	7.3	8.0	7.0	5.3	5.3	5.0	4.7	5.9	
LS-44	2.7	5.0	4.7	5.3	5.7	60.0	6.0	6.3	6.3	7.0	5.7	5.0	5.7	5.0	4.7	5.7	
IS-AP 9	3.7	4.3	3.3	8.0	6.0	56.7	6.0	4.0	7.0	7.0	5.3	5.7	6.3	4.3	5.3	5.6	
MEMORIAL (A03-EDI)	3.3	3.7	4.3	8.3	4.7	61.7	5.0	6.7	5.7	7.0	6.3	3.7	5.0	3.3	4.0	5.2	
BENGAL	3.0	4.3	5.3	5.3	3.7	65.0	4.0	5.3	5.3	7.0	6.3	3.7	5.0	4.0	4.7	5.2	
13-M	4.3	3.3	4.0	7.7	5.3	61.7	4.7	5.0	6.0	6.3	4.7	4.0	5.0	4.0	3.3	4.8	
ALPHA	1.3	2.3	2.3	6.0	3.7	63.3	3.7	5.0	6.3	6.7	6.0	3.3	4.0	2.7	2.3	4.5	
KINGPIN (9200)	1.7	4.0	2.7	8.0	6.0	48.3	5.3	2.7	5.3	5.7	6.0	4.3	4.3	3.0	4.0	4.4	
PENNLINKS II	2.3	2.3	2.0	8.3	5.3	63.3	5.7	4.7	5.3	5.7	6.0	3.7	4.0	2.7	3.3	4.4	
BENCHMARK DSR	2.3	3.3	1.7	7.0	4.0	48.3	3.7	3.0	4.3	5.7	6.3	3.7	3.3	2.0	2.7	3.9	
PENNCROSS	1.7	1.7	1.0	7.3	3.0	66.7	3.7	4.7	4.0	4.7	2.3	1.3	3.0	1.3	1.3	2.8	
LSD VALUE	1.9	2.0	2.6	1.4	1.8	7.2	1.7	1.2	1.2	1.1	1.3	1.1	1.1	1.3	1.6	0.6	
C.V. (%)	27.1	23.5	33.0	13.2	18.3	7.6	19.6	12.9	11.7	9.7	12.6	14.3	13.1	17.6	21.0	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 15. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT ITHACA, NY 1/
2004 DATA

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

NAME	LEAF TEXTURE	SEEDLING VIGOR	QUALITY RATINGS				MEAN
			JUL	AUG	SEP	OCT	
235050	6.3	6.3	6.3	7.3	7.0	7.0	6.9
BENCHMARK DSR	6.0	6.7	6.3	7.3	7.0	7.0	6.9
DECLARATION	6.3	6.3	6.7	7.3	6.7	7.0	6.9
EFD	6.0	6.0	7.0	6.7	7.0	7.0	6.9
PENNCROSS	6.3	6.0	7.0	7.0	6.7	7.0	6.9
ALPHA	6.0	6.0	6.7	7.3	6.7	6.7	6.8
BENGAL	6.0	6.0	6.3	6.7	7.3	7.0	6.8
CY-2	6.0	6.0	6.3	7.0	7.0	7.0	6.8
LS-44	6.0	6.0	6.7	6.7	6.7	7.0	6.8
PENN A-1	6.0	6.0	6.7	6.7	7.0	6.7	6.8
PENNLINKS II	6.3	6.3	6.7	7.0	6.7	7.0	6.8
SR 7200	6.0	6.0	6.7	7.0	6.7	7.0	6.8
13-M	7.0	6.3	6.3	6.7	7.0	6.7	6.7
GREENWICH	6.0	6.0	6.7	6.7	6.7	6.7	6.7
T-1	6.3	6.3	6.3	6.7	7.0	6.7	6.7
INDEPENDENCE	6.3	6.7	6.7	6.7	6.7	6.3	6.6
LEGENDARY	6.0	6.3	6.0	6.7	6.7	7.0	6.6
SRX 1GD	6.0	6.3	6.0	6.7	6.7	7.0	6.6
VILLA (IS-AC 1)	6.0	6.0	6.3	6.3	6.7	7.0	6.6
IS-AP 9	6.0	6.0	6.0	6.7	6.7	6.7	6.5
MEMORIAL (A03-EDI)	6.0	6.0	6.3	6.3	6.3	6.7	6.4
SHARK (23R)	6.0	6.0	6.3	6.3	6.3	6.7	6.4
007 (DSB)	6.3	6.0	6.3	6.3	6.3	6.3	6.3
KINGPIN (9200)	6.0	6.0	6.0	6.3	6.0	6.7	6.3
SRX 1GPD	6.0	6.0	6.3	6.3	6.3	6.3	6.3
VESPER	6.3	6.0	6.3	6.3	6.3	6.3	6.3
LSD VALUE	1.1	0.9	1.6	1.8	1.8	1.3	1.5
C.V. (%)	6.1	5.4	7.8	8.5	8.2	6.1	6.4

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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT FARMINGDALE (REDUCED FUNGICIDES), NY 1/ 2004 DATA

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

NAME	LEAF	SEEDLING	QUALITY RATINGS				MEAN
	TEXTURE	VIGOR	JUL	AUG	SEP	OCT	
EFD	6.0	6.0	7.0	6.7	7.0	7.0	6.9
PENNCROSS	6.3	6.0	7.0	7.0	6.7	7.0	6.9
235050	6.3	6.3	6.3	7.0	6.7	7.0	6.8
BENCHMARK DSR	6.0	6.7	6.3	7.0	7.0	7.0	6.8
BENGAL	6.0	6.0	6.3	6.7	7.0	7.0	6.8
CY-2	6.0	6.0	6.3	7.0	7.0	7.0	6.8
DECLARATION	6.0	6.0	6.7	7.0	6.7	7.0	6.8
LS-44	6.0	5.7	6.7	6.7	6.7	7.0	6.8
PENNLINKS II	6.3	6.0	6.7	6.7	6.7	7.0	6.8
SR 7200	6.0	6.0	6.7	7.0	6.7	7.0	6.8
13-M	6.7	6.0	6.3	6.7	7.0	6.7	6.7
ALPHA	6.0	6.0	6.7	6.7	6.7	6.7	6.7
GREENWICH	5.7	6.0	6.7	6.7	6.7	6.7	6.7
T-1	6.3	6.0	6.3	6.7	7.0	6.7	6.7
INDEPENDENCE	6.3	6.7	6.7	6.7	6.7	6.3	6.6
LEGENDARY	6.0	6.3	6.0	6.7	6.7	7.0	6.6
SRX 1GD	6.0	6.0	6.0	6.7	6.7	7.0	6.6
VILLA (IS-AC 1)	5.7	6.0	6.3	6.3	6.7	7.0	6.6
IS-AP 9	6.0	6.0	6.0	6.7	6.7	6.7	6.5
MEMORIAL (A03-EDI)	5.3	5.7	6.3	6.3	6.3	6.7	6.4
PENN A-1	5.7	5.7	6.3	6.7	6.3	6.3	6.4
SHARK (23R)	5.7	5.7	6.3	6.3	6.3	6.7	6.4
007 (DSB)	6.0	5.7	6.3	6.3	6.0	6.3	6.3
VESPER	6.3	6.0	6.3	6.3	6.0	6.3	6.3
KINGPIN (9200)	6.0	5.3	6.0	6.3	5.7	6.7	6.2
SRX 1GPD	5.7	5.7	6.3	6.0	6.0	6.3	6.2
LSD VALUE	1.4	1.5	1.9	1.8	1.9	1.5	1.6
C.V. (%)	7.9	8.3	8.3	7.8	9.2	6.8	6.9

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 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT STILLWATER, OK 1/
2004 DATA

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

NAME	GENETIC COLOR	PERCENT COVER SUMMER	PERCENT COVER FALL	PERCENT ESTABLISH- MENT	QUALITY RATINGS							MEAN
					JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PENN A-1	5.3	97.7	98.7	97.0	5.7	5.3	6.7	6.7	7.3	6.3	7.3	6.5
CY-2	4.0	97.7	98.3	96.0	5.7	5.3	6.3	6.7	7.0	7.0	7.0	6.4
SRX 1GD	5.7	97.0	98.0	96.0	5.3	5.3	6.0	6.7	6.7	7.7	6.7	6.3
GREENWICH	4.7	97.3	98.0	96.3	6.0	5.7	6.0	5.7	6.7	6.3	7.0	6.2
235050	5.3	96.3	98.3	95.7	5.3	5.0	6.0	6.0	6.7	6.7	6.7	6.0
SRX 1GPD	4.0	96.7	98.0	96.0	5.7	5.3	6.3	6.0	5.7	6.7	6.0	6.0
SHARK (23R)	5.3	96.3	98.3	95.7	5.3	5.0	6.7	5.7	6.0	6.3	6.3	5.9
EFD	4.7	97.0	97.7	96.7	6.0	5.7	5.7	5.7	5.7	6.3	6.0	5.9
LEGENDARY	4.7	96.3	96.7	95.7	5.0	5.0	6.3	5.7	6.3	6.3	6.0	5.8
VESPER	5.7	96.3	97.3	97.0	5.7	5.7	6.3	5.0	5.3	6.3	6.3	5.8
DECLARATION	4.7	95.7	97.7	94.3	5.0	5.0	5.3	5.3	5.7	7.0	6.0	5.6
INDEPENDENCE	4.7	96.7	97.7	94.7	5.0	5.0	5.7	5.7	5.3	6.0	6.0	5.5
BENGAL	5.0	96.3	97.0	93.3	5.3	5.0	4.7	5.3	5.7	6.0	5.7	5.4
IS-AC 1	4.0	95.7	97.7	95.0	5.0	5.0	5.3	5.3	5.7	6.0	5.7	5.4
LS-44	5.3	96.7	97.7	94.3	5.7	5.0	5.3	4.3	5.3	6.3	5.3	5.3
ALPHA	4.3	96.3	97.3	95.0	5.7	5.0	4.7	5.0	5.0	5.7	5.0	5.1
007 (DSB)	4.7	95.3	96.3	95.0	5.0	4.3	4.7	5.0	5.0	6.0	5.3	5.0
PENNLINKS II	4.7	95.7	97.0	93.7	5.3	5.0	5.3	4.3	4.7	5.0	5.0	5.0
SR 7200	5.3	95.3	94.7	94.7	4.3	4.7	5.0	5.0	5.3	5.3	5.7	5.0
13-M	4.0	95.7	96.3	94.7	5.0	4.7	5.3	4.7	4.7	4.3	4.7	4.8
KINGPIN (9200)	5.0	96.0	97.0	95.3	5.3	4.3	5.3	4.3	4.7	5.0	4.7	4.8
BENCHMARK DSR	4.7	95.3	96.0	89.3	5.0	4.3	4.7	5.0	4.3	4.7	4.7	4.7
IS-AP 9	5.3	95.7	95.3	94.7	5.0	4.7	4.7	4.3	5.0	5.0	4.3	4.7
MEMORIAL (A03-EDI)	5.0	95.0	97.0	94.3	5.0	4.3	5.3	4.3	4.3	4.3	4.3	4.6
T-1	6.0	95.3	96.0	94.7	5.0	3.7	4.7	4.3	4.0	5.0	4.3	4.4
PENNCROSS	3.7	94.7	93.7	92.3	5.3	3.7	4.0	3.7	3.7	4.3	3.7	4.0
LSD VALUE	1.4	2.8	2.7	4.2	0.8	1.2	2.0	1.4	1.7	2.4	2.1	1.3
C.V. (%)	14.3	1.2	1.4	2.0	7.6	12.2	16.7	14.7	17.3	18.9	19.2	12.6

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

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

TABLE 18.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT UNIVERSITY PARK, PA 1/
2004 DATA

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

NAME	GENETIC COLOR	SEEDLING VIGOR	DENSITY SUMMER	DOLLAR SPOT	QUALITY RATINGS						MEAN
					MAY	JUN	JUL	AUG	SEP	OCT	
235050	5.3	6.0	8.0	7.3	8.0	8.0	8.0	7.3	7.7	7.7	7.8
SHARK (23R)	4.0	7.0	7.7	6.0	7.7	8.0	8.3	8.0	7.3	6.7	7.7
007 (DSB)	4.3	6.7	8.0	7.7	7.0	7.7	8.3	7.3	7.7	8.0	7.7
SRX 1GD	5.0	6.0	8.0	6.0	7.0	8.0	8.0	8.0	7.7	7.7	7.7
DECLARATION	4.0	7.0	7.7	9.0	7.3	7.7	7.7	7.0	8.3	7.7	7.6
IS-AC 1	5.0	8.0	9.0	9.0	6.3	8.0	7.7	8.3	7.7	6.7	7.4
PENN A-1	4.0	7.0	7.7	7.3	7.0	7.3	8.3	7.3	7.3	7.3	7.4
SRX 1GPD	4.7	6.0	8.0	6.3	7.0	7.7	8.0	8.0	7.0	7.0	7.4
LEGENDARY	4.3	7.0	9.0	9.0	6.0	7.7	7.7	7.0	8.0	7.3	7.3
IS-AP 9	5.0	6.7	7.0	7.3	7.0	7.3	7.7	7.0	7.0	7.3	7.2
CY-2	4.3	6.3	6.7	8.0	6.7	7.3	7.3	6.7	7.3	7.3	7.1
EFD	5.0	5.7	9.0	9.0	5.7	6.7	7.3	7.3	7.7	7.7	7.1
BENCHMARK DSR	8.0	6.3	6.7	8.0	7.0	7.3	7.3	6.7	7.0	6.7	7.0
GREENWICH	5.0	7.0	9.0	8.3	6.0	7.3	7.0	7.3	7.3	6.7	6.9
INDEPENDENCE	5.0	6.7	6.7	6.0	6.7	7.3	7.0	6.7	6.7	7.0	6.9
T-1	8.3	8.0	7.3	5.7	7.0	7.7	7.3	6.3	7.0	6.3	6.9
KINGPIN (9200)	7.0	5.7	6.3	8.0	6.7	6.7	6.3	7.0	7.3	6.7	6.8
13-M	4.0	7.0	6.0	8.0	7.0	7.3	6.0	6.0	7.0	6.7	6.7
MEMORIAL (A03-EDI)	4.0	7.0	5.7	8.7	6.7	7.0	6.0	6.3	7.0	7.0	6.7
ALPHA	6.0	7.7	7.0	6.3	7.0	7.3	6.7	6.3	6.7	6.3	6.7
VESPER	5.3	6.0	9.0	7.7	6.0	7.7	7.3	5.7	6.7	6.7	6.7
BENGAL	4.0	7.0	6.7	4.3	7.0	7.3	6.7	5.7	5.7	6.3	6.4
LS-44	6.0	7.0	6.7	6.7	7.0	7.0	6.3	6.3	6.0	6.0	6.4
PENNLINKS II	4.7	7.3	5.3	8.0	6.7	6.3	5.7	5.3	6.0	6.0	6.0
SR 7200	5.7	3.7	8.3	9.0	5.0	6.0	4.3	4.3	4.7	5.0	4.9
PENNCROSS	4.0	8.0	4.0	7.7	5.3	6.0	4.0	4.0	5.0	4.7	4.8
LSD VALUE	1.1	0.7	0.7	1.0	0.8	0.9	0.8	1.0	0.9	1.3	0.5
C.V. (%)	14.2	6.8	6.2	8.5	7.3	6.9	7.5	9.7	8.3	11.1	4.7

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 19. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT QUEBEC CITY, QE 1/ 2004 DATA

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

NAME	QUALITY RATINGS								MEAN
	GENETIC COLOR	LEAF TEXTURE	SEEDLING VIGOR	DENSITY FALL	JUL	AUG	SEP	OCT	
T-1	8.0	8.0	6.3	9.0	5.7	8.0	8.7	8.7	7.8
007 (DSB)	7.7	8.0	5.0	9.0	5.0	7.3	8.3	8.3	7.3
KINGPIN (9200)	7.7	8.0	4.0	9.0	4.0	7.3	8.3	8.3	7.0
PENN A-1	7.3	8.0	4.7	9.0	4.7	6.7	8.3	8.3	7.0
PENNCROSS	7.3	8.0	4.0	8.3	4.3	7.0	8.3	8.3	7.0
SRX 1GD	7.3	8.0	3.3	9.0	4.0	7.0	8.0	8.0	6.8
CY-2	7.3	8.0	4.3	9.0	4.3	6.7	7.3	8.0	6.6
INDEPENDENCE	8.0	8.3	4.0	9.0	4.0	6.3	8.0	8.0	6.6
235050	7.0	8.3	3.7	9.0	3.3	5.7	8.0	8.0	6.3
DECLARATION	7.0	8.0	3.3	9.0	3.7	6.0	7.7	7.7	6.3
PENNLINKS II	7.7	8.0	5.0	9.0	4.7	6.3	7.0	7.0	6.3
MEMORIAL (A03-EDI)	7.3	8.0	6.0	9.0	4.3	6.0	7.0	7.0	6.1
IS-AC 1	7.0	9.0	4.7	9.0	4.3	5.0	7.3	7.3	6.0
IS-AP 9	8.0	8.3	4.0	9.0	4.3	5.7	7.0	7.0	6.0
SR 7200	7.3	9.0	4.3	9.0	4.3	5.0	7.3	7.3	6.0
LEGENDARY	7.0	9.0	5.7	9.0	4.0	4.7	7.3	7.3	5.8
LS-44	7.7	8.0	3.3	9.0	3.3	4.7	7.7	7.7	5.8
SRX 1GPD	8.0	8.0	3.0	9.0	2.7	5.7	7.7	7.3	5.8
BENCHMARK DSR	8.0	8.0	3.0	9.0	2.7	5.3	7.3	7.3	5.7
13-M	7.3	8.0	3.7	8.7	3.7	5.3	6.7	6.7	5.6
SHARK (23R)	7.3	8.3	4.7	9.0	4.3	4.3	6.7	6.7	5.5
BENGAL	8.0	8.0	2.3	9.0	2.7	5.3	7.0	7.0	5.5
VESPER	7.3	9.0	2.0	9.0	2.3	5.3	7.0	7.0	5.4
ALPHA	8.0	8.0	3.0	9.0	3.3	4.3	6.7	6.7	5.3
EFD	7.0	9.0	2.7	9.0	3.0	4.0	6.3	6.3	4.9
GREENWICH	7.3	8.7	3.3	9.0	3.7	3.3	6.0	6.0	4.8
LSD VALUE	0.9	0.4	6.4	0.3	4.4	6.5	5.3	5.3	4.4
C.V. (%)	5.7	3.1	49.0	1.8	35.8	35.3	19.3	19.4	21.7

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 20. PERCENT ESTABLISHMENT RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT BROOKINGS, SD 1/
2004 DATA

PERCENT ESTABLISHMENT RATED AT 4-6 WEEKS AFTER SEEDING 22/

NAME	PERCENT ESTABLISH- MENT
T-1	90.0
PENNLINKS II	88.3
INDEPENDENCE	86.7
PENNCROSS	86.7
CY-2	85.0
ALPHA	83.3
PENN A-1	83.3
BENGAL	81.7
SHARK (23R)	80.0
GREENWICH	78.3
BENCHMARK DSR	76.7
KINGPIN (9200)	76.7
SRX 1GPD	76.7
LEGENDARY	75.0
SRX 1GD	75.0
DECLARATION	73.3
LS-44	73.3
13-M	71.7
007 (DSB)	71.7
IS-AP 9	70.0
MEMORIAL (A03-EDI)	68.3
IS-AC 1	68.3
235050	63.3
VESPER	61.7
EFD	51.7
SR 7200	51.7
LSD VALUE	10.4
C.V. (%)	8.8

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

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

TABLE 21.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT DALLAS, TX 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	DOLLAR SPOT	QUALITY RATINGS												MEAN
								JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
SRX 1GD	7.0	7.3	7.7	6.0	6.0	6.3	6.0	6.0	5.3	5.7	5.0	6.0	6.7	6.0	6.0	6.7	6.7	7.0	7.0	6.2
DECLARATION	7.0	7.3	6.7	5.7	5.7	5.7	8.0	6.3	6.0	5.7	5.3	5.7	6.3	4.7	5.0	6.3	6.3	6.3	6.7	5.9
SHARK (23R)	6.7	7.0	6.7	5.7	5.7	7.0	5.3	5.0	5.0	5.0	5.0	5.7	6.3	6.0	6.0	7.0	6.0	6.3	6.0	5.8
MEMORIAL (A03-EDI)	7.3	7.7	5.7	5.3	5.3	6.0	7.7	6.0	5.3	5.7	4.7	5.3	6.0	6.0	5.0	5.7	6.0	7.0	7.3	5.8
BENGAL	7.0	7.3	6.3	6.0	6.0	6.3	6.0	6.0	5.7	5.0	5.3	5.3	5.7	5.7	5.7	5.7	6.3	6.7	6.0	5.8
CY-2	6.7	7.0	5.3	6.0	6.0	6.3	7.3	6.3	6.7	5.0	5.0	5.3	6.0	5.0	5.3	5.7	6.3	6.3	6.3	5.8
007 (DSB)	6.7	8.0	6.3	5.3	5.3	5.3	8.0	6.0	6.0	5.7	4.3	5.3	6.7	5.0	5.0	6.0	6.0	6.7	6.0	5.7
IS-AP 9	7.0	7.3	6.3	5.7	5.7	5.7	7.3	6.0	6.0	5.7	5.0	5.3	5.7	5.3	5.3	6.0	6.0	6.3	5.7	5.7
T-1	7.3	8.0	6.3	5.3	6.0	6.0	7.3	6.0	5.7	5.7	5.0	5.7	6.7	5.3	5.0	5.3	6.0	6.3	5.7	5.7
235050	7.0	7.3	7.3	5.7	5.7	6.0	7.0	6.0	5.0	5.0	5.0	5.7	5.7	5.7	4.7	6.0	5.7	6.7	6.3	5.6
INDEPENDENCE	7.0	7.3	5.7	6.0	6.0	6.0	5.7	5.0	5.0	5.0	5.0	5.3	6.3	5.7	5.7	6.0	6.0	6.3	5.3	5.6
KINGPIN (9200)	7.0	7.7	6.7	5.7	5.7	5.7	7.3	6.0	5.7	5.0	4.3	5.3	5.7	5.3	5.3	5.3	5.7	6.7	6.7	5.6
13-M	6.7	7.3	6.3	4.7	5.0	6.3	8.0	6.3	6.3	4.3	4.0	4.7	5.0	4.7	5.0	6.0	6.3	6.3	6.7	5.5
SRX 1GPD	6.0	7.0	6.0	5.7	5.7	6.7	5.7	5.7	5.0	4.7	5.0	5.3	6.0	5.3	5.0	5.3	5.7	6.3	6.7	5.5
BENCHMARK DSR	7.3	8.0	8.0	5.0	5.7	5.7	8.0	5.7	4.7	4.7	4.3	5.7	5.7	5.3	4.3	5.7	5.7	6.0	5.7	5.3
PENN A-1	6.3	8.0	6.0	6.0	6.0	6.3	7.0	5.3	4.7	5.0	5.0	5.3	5.3	5.0	5.0	5.7	6.0	6.0	5.3	5.3
ALPHA	7.0	7.7	5.7	5.3	5.3	5.7	7.0	6.0	5.7	5.3	4.7	5.3	5.3	4.3	4.3	5.0	5.3	5.3	5.3	5.2
LS-44	6.3	7.7	6.7	5.0	5.0	6.0	6.3	5.3	5.3	4.7	4.7	5.0	5.7	5.0	4.7	5.3	5.7	5.7	5.3	5.2
PENNLINKS II	6.3	8.0	4.3	5.7	6.0	6.7	7.3	6.0	5.3	4.0	4.7	4.7	5.0	5.0	4.7	5.3	6.0	6.0	5.7	5.2
IS-AC 1	5.0	6.3	8.0	5.3	5.3	5.7	8.0	5.3	6.7	4.7	4.0	4.0	5.0	4.7	4.0	4.7	4.0	5.3	5.0	4.8
GREENWICH	5.0	6.7	8.0	4.7	4.7	5.0	8.0	5.7	6.3	4.7	4.0	4.0	4.7	4.0	3.7	4.0	4.3	5.0	4.7	4.6
PENNCROSS	6.3	7.7	4.3	4.3	5.0	6.3	7.0	5.3	5.3	4.0	4.0	4.0	4.3	4.0	4.0	4.3	5.7	5.7	4.7	4.6
LEGENDARY	4.7	6.3	7.7	5.0	5.0	5.7	7.7	4.7	5.3	4.3	4.0	4.0	5.0	4.3	3.7	4.0	4.3	5.3	5.0	4.5
EFD	5.0	6.3	7.3	4.7	4.7	5.3	8.0	4.7	5.3	4.7	4.0	4.0	4.7	4.0	4.0	4.3	4.3	4.7	4.7	4.4
SR 7200	5.7	6.3	6.3	5.3	5.7	6.0	8.0	4.7	5.0	4.0	4.0	4.0	4.3	3.3	3.7	4.0	5.3	5.3	4.7	4.4
VESPER	5.0	6.7	7.3	4.7	4.7	5.7	7.7	5.3	6.0	4.3	4.3	4.0	4.0	3.3	3.7	4.0	4.3	5.0	4.3	4.4
LSD VALUE	0.8	0.8	1.6	1.5	1.5	1.0	1.1	1.9	1.9	1.8	0.7	1.0	1.0	1.2	1.3	1.3	1.2	1.2	1.1	0.5
C.V. (%)	7.7	6.5	13.9	12.0	11.4	8.8	9.5	13.4	14.0	15.2	8.5	12.1	10.9	14.3	15.4	13.9	11.9	10.8	11.9	6.1

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 22. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT COLLEGE STATION, TX 1/ 2004 DATA

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

NAME	LEAF	DENSITY	WINTER	QUALITY RATINGS				MEAN
	TEXTURE	FALL	COLOR	JUN	AUG	SEP	DEC	
SRX 1GD	8.0	8.0	7.0	6.0	7.3	6.0	7.0	6.6
SHARK (23R)	7.3	7.7	5.7	6.0	7.0	5.7	6.7	6.3
INDEPENDENCE	6.7	7.3	5.7	6.0	6.7	6.0	6.3	6.3
CY-2	7.0	7.7	6.7	5.7	6.3	6.3	6.3	6.2
007 (DSB)	7.0	7.3	6.0	5.0	7.0	6.0	6.3	6.1
ALPHA	6.3	7.3	5.7	5.7	6.3	6.0	6.3	6.1
BENGAL	6.7	7.0	6.0	5.3	6.7	5.7	6.7	6.1
IS-AP 9	6.0	6.7	5.0	5.0	7.0	6.3	6.0	6.1
T-1	6.7	7.7	5.3	5.7	6.3	6.0	6.3	6.1
235050	7.0	7.3	6.0	6.0	6.0	5.7	6.3	6.0
KINGPIN (9200)	6.3	6.7	5.7	5.0	6.7	6.3	6.0	6.0
13-M	6.3	6.7	6.0	5.0	6.7	5.7	6.3	5.9
DECLARATION	7.0	7.0	5.7	4.3	6.0	6.7	6.7	5.9
PENN A-1	6.7	7.0	6.0	5.0	7.0	5.7	6.0	5.9
MEMORIAL (A03-EDI)	6.7	7.0	6.0	5.3	6.0	5.3	6.3	5.8
LS-44	5.7	6.0	5.7	5.0	6.3	6.0	6.0	5.8
SRX 1GPD	7.3	7.3	6.3	5.7	5.3	5.0	7.0	5.8
BENCHMARK DSR	6.7	6.7	5.3	4.0	6.0	6.0	6.0	5.5
PENNLINKS II	4.7	5.7	5.0	5.0	5.0	5.3	5.7	5.3
PENNCROSS	4.3	5.3	4.7	4.3	4.3	4.3	4.7	4.4
LEGENDARY	.	.	.	3.7	.	.	.	3.7
GREENWICH	.	.	.	3.3	.	.	.	3.3
IS-AC 1	.	.	.	3.3	.	.	.	3.3
SR 7200	.	.	.	3.3	.	.	.	3.3
EFD	.	.	.	3.0	.	.	.	3.0
VESPER	.	.	.	3.0	.	.	.	3.0
LSD VALUE	0.8	0.7	1.0	0.8	1.7	1.7	0.8	0.6
C.V. (%)	8.0	6.5	9.3	10.5	13.2	12.1	7.5	7.6

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

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

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN, UT 1/
2004 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	PERCENT COVER SUMMER	QUALITY RATINGS					MEAN	
				MAY	JUN	JUL	AUG	SEP		OCT
007 (DSB)	7.3	7.0	96.0	7.3	7.3	6.0	8.3	8.3	8.7	7.7
SHARK (23R)	6.7	7.0	99.0	7.0	6.7	5.7	8.0	7.0	8.0	7.1
235050	6.0	6.7	96.0	7.7	6.3	5.7	7.0	6.7	7.3	6.8
T-1	7.3	6.3	96.0	6.3	7.0	5.3	7.7	6.7	7.7	6.8
IS-AP 9	7.3	5.7	99.0	6.7	6.7	5.7	7.0	6.3	7.7	6.7
INDEPENDENCE	6.7	6.3	96.0	7.3	6.0	4.7	6.7	7.0	7.7	6.6
PENN A-1	7.3	6.3	99.0	7.3	5.7	5.3	7.0	7.0	7.3	6.6
SRX 1GD	7.0	7.3	93.0	6.3	6.0	5.0	6.7	7.7	8.0	6.6
SRX 1GPD	6.3	7.3	96.0	6.3	6.0	5.0	7.3	7.0	7.7	6.6
MEMORIAL (A03-EDI)	6.0	5.7	96.0	7.3	6.3	5.0	6.0	7.0	6.7	6.4
DECLARATION	6.3	6.3	86.7	6.3	6.3	4.3	6.7	7.3	7.3	6.4
13-M	5.3	5.7	96.0	7.3	6.3	5.0	6.7	6.0	6.7	6.3
ALPHA	6.7	6.3	96.0	7.7	5.7	5.0	6.3	6.7	6.7	6.3
BENCHMARK DSR	6.7	6.3	99.0	6.3	5.7	5.0	7.0	6.0	8.0	6.3
BENGAL	5.7	5.7	90.0	6.3	6.0	4.3	6.0	6.3	7.3	6.1
CY-2	6.0	6.0	99.0	6.3	5.3	4.7	6.7	6.0	7.3	6.1
LS-44	6.0	5.7	93.0	6.3	6.3	5.3	6.0	6.3	6.0	6.1
KINGPIN (9200)	6.0	5.7	96.0	6.3	5.3	4.3	6.3	6.3	7.3	6.0
PENNLINKS II	5.7	4.0	96.0	7.0	6.0	5.0	5.3	4.7	5.0	5.5
PENNCROSS	5.0	4.0	86.7	5.7	5.3	3.3	4.3	4.3	4.0	4.5
GREENWICH	5.7	8.3	86.7	3.3	3.7	2.7	2.7	4.0	6.0	3.7
LEGENDARY	5.0	7.3	83.3	3.0	3.0	2.3	2.0	2.7	4.3	2.9
EFD	4.7	7.0	83.3	3.0	3.0	2.0	2.0	2.0	4.7	2.8
IS-AC 1	5.0	7.3	83.3	2.7	3.0	2.0	2.0	2.3	4.7	2.8
VESPER	5.0	7.3	83.3	3.3	2.3	2.3	2.0	2.7	4.0	2.8
SR 7200	5.3	7.0	76.7	2.3	2.7	2.0	2.0	2.0	3.7	2.4
LSD VALUE	1.0	1.1	8.0	1.2	1.2	1.1	1.2	1.1	1.7	0.8
C.V. (%)	10.1	10.5	5.3	13.4	14.2	16.3	14.6	13.3	16.3	9.5

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

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

TABLE 24. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/ 2004 DATA

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

NAME	QUALITY RATINGS										MEAN
	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
LS-44	3.7	3.3	3.3	5.0	5.0	5.3	5.7	4.7	7.3	7.0	5.0
MEMORIAL (A03-EDI)	4.0	3.7	4.0	4.0	4.3	6.0	5.0	4.0	6.7	7.0	4.9
SHARK (23R)	3.3	3.3	3.7	4.0	4.3	5.3	5.3	4.7	6.7	7.0	4.8
ALPHA	4.0	4.0	3.7	5.0	4.7	4.3	4.3	4.3	6.3	7.3	4.8
SRX 1GD	3.3	3.7	3.7	5.0	5.7	3.7	5.0	4.0	7.0	6.7	4.8
SRX 1GPD	4.0	3.7	3.7	4.3	5.7	5.3	4.0	3.7	6.3	7.7	4.8
13-M	3.7	3.7	3.7	4.0	4.0	5.0	4.7	4.7	7.0	6.3	4.7
BENGAL	4.0	3.7	4.0	4.3	4.7	4.7	4.0	4.0	7.0	6.7	4.7
INDEPENDENCE	3.7	3.7	3.7	4.7	4.0	4.3	4.3	3.7	7.3	7.3	4.7
235050	3.7	3.3	3.7	4.0	4.3	4.3	4.0	4.7	6.7	7.0	4.6
CY-2	3.7	3.7	4.0	4.3	4.0	4.3	5.0	4.3	6.3	6.7	4.6
IS-AP 9	3.7	3.7	3.7	5.3	3.7	4.3	4.3	4.0	6.3	7.0	4.6
DECLARATION	3.7	3.7	3.7	5.0	3.0	4.0	4.3	4.7	6.7	6.3	4.5
KINGPIN (9200)	3.3	3.3	3.0	4.0	3.7	4.7	4.7	4.3	7.0	7.0	4.5
PENNCROSS	3.7	4.0	4.0	4.3	4.3	4.7	3.7	4.0	6.3	6.3	4.5
007 (DSB)	3.0	3.3	3.7	4.7	4.3	3.7	4.3	4.3	6.0	7.0	4.4
T-1	3.3	3.7	3.3	4.0	4.0	4.3	4.3	4.0	6.3	7.0	4.4
PENN A-1	3.3	3.0	3.7	3.7	3.7	3.7	4.3	4.3	6.0	6.3	4.2
PENNLINKS II	3.7	3.7	3.3	4.0	3.7	4.7	4.0	4.0	5.7	5.7	4.2
BENCHMARK DSR	3.0	3.0	3.0	4.0	3.7	3.7	4.3	4.3	6.0	6.0	4.1
GREENWICH	3.3	3.3	3.3	4.0	3.7	6.0	4.0	3.0	4.0	5.3	4.0
IS-AC 1	3.0	3.3	3.0	3.7	3.7	5.0	4.0	3.3	4.3	5.7	3.9
VESPER	3.3	3.7	3.7	4.0	3.0	4.7	4.0	3.3	4.3	5.0	3.9
LEGENDARY	3.0	3.0	3.0	4.0	3.7	4.7	4.0	3.0	4.7	5.3	3.8
efd	3.0	3.0	3.0	4.3	3.0	4.0	4.0	3.3	4.3	5.0	3.7
SR 7200	3.0	3.0	3.0	3.3	3.3	4.0	4.0	3.3	4.3	5.0	3.6
LSD VALUE	0.8	1.6	1.1	2.1	1.5	2.2	1.4	1.2	1.2	1.1	0.5
C.V. (%)	11.6	14.6	13.0	17.8	19.3	19.6	14.3	14.8	12.2	10.0	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. (CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SUMMER	DENSITY FALL	WINTER COLOR	PINK SNOW MOLD	FALL COLOR OCTOBER	PERCENT SOD WEB WORM DAMAGE	BROWN PATCH	
									JUNE	JULY
LS-44	7.0	8.0	7.3	6.7	5.3	8.7	7.3	13.3	7.0	9.0
MEMORIAL (A03-EDI)	5.3	7.3	6.7	7.7	4.7	8.3	6.0	20.0	7.7	8.3
SHARK (23R)	6.0	7.7	8.3	7.7	4.3	7.7	5.7	25.0	7.0	9.0
ALPHA	7.3	8.0	8.0	7.3	4.3	8.7	8.0	11.7	7.7	9.0
SRX 1GD	6.7	8.0	7.7	8.0	5.0	8.3	6.3	50.0	7.3	9.0
SRX 1GPD	6.0	7.7	7.3	8.7	5.0	8.7	5.7	46.7	8.0	9.0
13-M	6.7	7.3	6.7	7.3	5.0	8.0	6.0	8.3	7.7	8.7
BENGAL	6.3	7.3	6.3	7.0	5.0	8.3	7.3	33.3	7.7	8.3
INDEPENDENCE	6.7	7.7	7.0	7.3	4.7	8.3	7.3	21.7	7.3	9.0
235050	6.3	7.3	8.0	7.7	4.0	8.7	6.3	35.0	7.0	9.0
CY-2	5.0	6.3	6.0	7.3	7.0	8.7	6.3	11.7	7.7	9.0
IS-AP 9	7.0	7.7	7.3	7.7	6.3	8.7	6.0	21.7	7.7	8.3
DECLARATION	6.7	7.3	8.3	7.0	4.3	8.7	6.3	10.0	7.0	7.7
KINGPIN (9200)	6.7	8.0	8.0	6.3	5.0	8.0	7.3	13.3	8.0	9.0
PENNCROSS	7.0	7.7	5.0	5.7	5.0	9.0	6.3	1.7	7.3	8.7
007 (DSB)	6.0	7.3	8.0	7.7	5.0	8.0	6.3	31.7	7.0	8.0
T-1	8.0	7.0	7.3	7.0	4.7	8.7	8.3	23.3	6.3	8.7
PENN A-1	7.0	7.7	8.3	7.3	5.0	7.0	5.7	11.7	6.7	7.7
PENNLINKS II	6.3	7.3	6.7	5.7	5.0	8.7	7.3	10.0	7.3	7.7
BENCHMARK DSR	7.0	8.0	8.3	6.7	4.7	8.0	7.7	5.0	6.3	8.0
GREENWICH	5.0	6.3	5.3	7.3	7.7	7.3	4.0	83.3	9.0	9.0
IS-AC 1	4.3	5.3	6.0	8.7	7.3	8.0	4.0	86.3	9.0	9.0
VESPER	5.0	7.0	5.7	7.0	8.3	8.3	4.0	83.3	8.3	9.0
LEGENDARY	4.7	5.3	5.3	8.0	8.0	8.3	4.0	83.3	8.0	9.0
EFD	5.0	6.7	6.0	8.0	8.0	7.3	4.0	83.3	8.0	9.0
SR 7200	5.3	6.3	5.3	7.7	7.7	8.0	4.3	70.0	8.7	7.7
LSD VALUE	1.1	1.1	1.8	1.8	1.1	1.7	0.8	28.4	2.2	3.0
C.V. (%)	11.1	8.7	14.6	11.9	12.5	8.3	8.6	52.8	12.5	10.7

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

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

TABLE 25.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT PUYALLUP, WA 1/
2004 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	SEEDLING VIGOR	DENSITY SUMMER	BROWN	DRY SPOT	QUALITY RATINGS											MEAN
					PATCH WARM TEMP.		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
EFD	8.3	6.3	7.0	9.0	9.0	9.0	6.7	7.3	8.3	7.7	8.3	8.3	8.7	8.7	9.0	8.7	7.0	8.1
GREENWICH	8.3	5.7	7.7	9.0	9.0	8.3	6.3	7.3	8.3	7.3	8.3	8.3	8.7	8.7	8.7	8.0	6.7	7.9
IS-AC 1	9.0	5.3	7.0	9.0	8.7	8.7	6.0	7.3	8.3	7.7	8.3	8.3	8.3	8.7	9.0	8.0	6.7	7.9
VESPER	8.0	6.0	7.0	9.0	9.0	9.0	7.0	7.3	7.7	7.7	8.7	8.7	9.0	8.7	8.7	7.7	6.0	7.9
LEGENDARY	8.3	7.0	7.0	9.0	9.0	8.7	7.0	7.3	8.0	7.0	8.0	8.0	8.3	8.7	8.7	8.0	6.3	7.8
SR 7200	7.3	6.3	4.7	9.0	8.7	9.0	6.0	7.3	8.0	7.0	8.0	8.0	8.3	8.3	7.7	7.3	6.0	7.5
235050	7.0	3.7	6.7	8.0	9.0	8.0	5.0	6.3	7.0	7.7	6.0	7.3	7.0	8.0	8.0	7.3	6.0	6.9
SHARK (23R)	7.3	4.3	6.3	7.3	8.3	8.3	5.3	6.0	7.3	7.7	6.7	7.3	7.3	7.7	7.7	7.3	6.0	6.9
007 (DSB)	7.3	4.7	6.7	8.0	8.7	7.3	5.7	6.0	6.7	7.0	7.0	7.3	6.7	8.0	8.0	7.3	6.7	6.9
T-1	7.0	4.0	7.0	7.3	8.7	8.7	5.3	6.3	6.7	7.0	7.3	7.0	7.0	8.0	7.0	6.3	5.3	6.7
DECLARATION	6.7	3.3	7.0	7.3	8.7	8.0	4.7	5.3	6.7	7.7	6.3	6.7	6.0	7.3	7.3	7.3	6.0	6.5
SRX 1GPD	6.7	4.0	6.0	7.3	7.3	8.0	5.3	5.7	6.7	6.7	6.0	6.3	7.0	7.3	7.7	7.3	6.0	6.5
INDEPENDENCE	7.0	4.0	6.0	7.0	7.7	8.0	5.0	5.7	6.7	7.3	6.0	6.7	6.3	7.3	7.0	6.3	6.0	6.4
SRX 1GD	7.3	3.0	5.3	8.0	7.7	6.7	4.3	5.7	6.3	6.3	6.3	7.0	6.7	7.7	7.3	7.0	6.0	6.4
ALPHA	6.7	4.3	6.3	7.0	9.0	8.7	5.3	5.3	6.7	7.0	6.3	6.7	6.7	7.0	6.7	6.3	4.7	6.2
BENGAL	6.7	5.3	6.3	7.3	8.7	8.0	6.0	5.7	6.0	5.7	6.7	6.7	6.3	7.0	6.7	6.0	5.0	6.2
LS-44	6.0	4.3	7.0	6.3	7.7	7.0	5.3	6.3	7.0	8.0	6.0	6.3	5.7	6.7	6.0	5.7	5.3	6.2
BENCHMARK DSR	6.7	4.7	5.3	7.3	9.0	7.3	5.3	5.3	5.7	6.7	6.0	5.7	6.0	7.3	7.0	6.3	5.0	6.0
IS-AP 9	6.7	5.0	5.7	8.0	8.7	8.0	5.0	6.0	6.7	6.0	6.0	6.3	6.3	7.7	6.7	5.0	4.7	6.0
PENN A-1	7.3	4.7	6.7	7.0	8.7	7.0	4.7	5.0	6.7	7.0	5.0	5.7	6.3	7.0	6.7	6.3	5.7	6.0
CY-2	5.3	4.0	6.7	6.0	7.7	8.0	5.3	5.3	6.7	5.7	5.0	6.0	5.7	6.3	5.7	6.3	5.7	5.8
KINGPIN (9200)	6.0	4.7	5.3	6.7	7.3	7.3	5.0	4.7	5.7	6.3	5.7	6.0	5.7	6.7	6.0	6.0	4.7	5.7
PENNLINKS II	5.3	5.0	7.0	6.0	8.0	7.3	5.0	5.7	7.0	6.3	5.3	5.7	5.3	5.7	5.7	5.3	4.0	5.5
13-M	5.3	4.0	6.7	6.0	8.3	6.3	4.7	5.0	5.7	6.0	5.3	5.3	5.3	5.3	6.0	5.7	4.7	5.4
MEMORIAL (A03-EDI)	6.0	4.7	5.3	5.7	8.7	6.7	4.7	4.7	5.7	6.0	4.7	4.7	5.0	5.7	5.7	5.7	5.3	5.2
PENNCROSS	4.0	4.0	6.7	4.3	8.3	6.7	4.7	5.7	6.3	6.0	5.0	5.0	4.0	4.3	4.0	4.7	4.0	4.9
LSD VALUE	1.2	1.4	1.8	0.6	2.4	1.5	1.3	0.9	0.8	1.1	1.0	1.3	0.9	1.2	0.9	0.8	0.9	0.5
C.V. (%)	11.4	17.2	13.6	5.4	10.3	10.3	13.3	9.1	7.6	9.1	10.3	11.7	8.8	10.1	8.4	8.0	10.6	4.7

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 26.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT MADISON, WI 1/
2004 DATA

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

NAME	GENETIC COLOR	DENSITY SUMMER	PERCENT	DOLLAR SPOT	QUALITY RATINGS						MEAN
			COVER SPRING		MAY	JUN	JUL	AUG	SEP	OCT	
DECLARATION	6.3	6.7	91.7	8.3	4.7	6.7	7.3	7.7	5.3	7.0	6.4
13-M	6.7	7.3	88.3	8.0	3.3	5.7	8.0	8.0	5.7	7.3	6.3
235050	6.7	7.7	85.7	5.3	3.7	6.0	7.7	8.0	5.0	5.7	6.0
007 (DSB)	6.3	7.3	88.3	5.7	3.7	5.3	8.7	7.3	5.0	5.7	5.9
SHARK (23R)	5.7	8.3	85.7	4.7	4.0	5.7	7.7	7.0	5.0	5.0	5.7
PENN A-1	6.7	7.3	85.7	5.7	4.3	5.3	7.0	7.3	5.0	5.3	5.7
SRX 1GD	7.0	7.0	83.3	4.7	3.0	5.3	7.0	7.0	4.3	5.7	5.4
SRX 1GPD	6.7	7.3	83.3	6.0	3.0	4.7	7.7	7.3	4.7	5.0	5.4
MEMORIAL (A03-EDI)	7.0	6.3	85.0	7.7	3.3	5.0	6.0	6.3	5.7	5.7	5.3
ALPHA	7.3	5.7	91.7	4.3	4.3	5.7	6.3	6.7	4.3	4.3	5.3
CY-2	6.3	5.7	87.3	7.3	3.3	5.0	6.0	6.7	4.3	5.7	5.2
EFD	5.0	8.7	75.0	8.0	2.3	4.7	6.3	6.0	5.3	5.7	5.1
INDEPENDENCE	7.0	6.7	89.0	3.7	4.0	5.7	7.0	6.3	3.7	3.7	5.1
IS-AP 9	6.7	5.3	81.7	6.0	3.3	4.7	6.3	5.7	5.0	5.3	5.1
LEGENDARY	5.7	8.0	76.7	8.3	2.7	5.0	5.7	5.3	5.7	6.3	5.1
LS-44	7.0	6.0	84.0	5.7	3.3	5.0	5.3	6.0	5.0	5.3	5.0
KINGPIN (9200)	8.0	5.7	81.7	7.3	3.0	4.3	5.3	6.0	4.7	6.0	4.9
GREENWICH	5.3	6.0	77.3	7.7	2.7	4.0	6.0	5.7	4.7	5.3	4.7
IS-AC 1	5.0	7.3	75.0	8.3	2.7	5.0	5.3	5.3	4.3	5.7	4.7
BENCHMARK DSR	8.0	5.3	80.0	7.7	3.0	4.7	4.7	5.7	5.0	4.7	4.6
PENNLINKS II	7.3	5.7	80.0	8.7	2.7	5.0	5.0	5.7	4.3	4.7	4.6
T-1	7.7	5.3	88.3	4.0	3.3	4.7	6.3	5.7	4.0	3.7	4.6
BENGAL	7.0	6.0	83.3	3.3	3.0	4.7	6.0	5.7	4.0	3.3	4.4
VESPER	5.3	5.0	75.0	8.3	2.3	4.0	4.3	5.3	4.3	4.7	4.2
PENNCROSS	7.0	4.7	79.0	6.7	3.0	4.7	4.7	5.3	3.7	3.3	4.1
SR 7200	6.3	4.7	73.3	7.7	2.3	3.7	4.3	4.3	3.3	4.0	3.7
LSD VALUE	0.7	2.1	11.9	1.2	1.0	2.2	2.3	1.8	0.9	1.5	1.0
C.V. (%)	6.9	17.9	7.2	12.6	17.9	18.0	19.9	15.5	11.4	17.1	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 1. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE 2003 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/ 2003 DATA

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

NAME	PERCENT	
	ESTABLISH- MENT	QUALITY NOV
CY-2	90.0	6.3
MEMORIAL (A03-EDI)	95.0	6.0
DECLARATION	91.7	6.0
INDEPENDENCE	95.0	6.0
SRX 1GPD	95.0	6.0
SHARK (23R)	93.3	5.7
PENN A-1	88.3	5.7
PENNCROSS	94.7	5.7
13-M	93.3	5.3
IS-AP 9	91.7	5.3
235050	90.0	5.0
LS-44	93.3	5.0
BENGAL	91.7	4.7
KINGPIN (9200)	88.3	4.7
PENNLINKS II	83.3	4.7
SRX 1GD	88.3	4.7
ALPHA	93.3	4.3
007 (DSB)	88.3	4.3
GREENWICH	95.0	4.3
IS-AC 1	93.3	4.3
T-1	91.7	4.3
VESPER	95.0	4.3
BENCHMARK DSR	81.7	4.0
EFD	90.0	4.0
LEGENDARY	88.3	4.0
SR 7200	81.7	3.7
LSD VALUE	12.9	2.0
C.V. (%)	5.9	19.1

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

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