

TABLE 1.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT TUCSON, AZ 1/
2005 DATA

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

NAME	GENETIC	SPRING	LEAF	QUALITY RATINGS												MEAN
	COLOR	GREENUP	TEXTURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
INDEPENDENCE	7.7	7.0	7.7	7.7	8.7	8.7	8.7	8.7	8.0	7.7	7.3	7.0	8.0	8.3	7.0	8.0
LS-44	6.3	6.7	7.7	8.0	8.0	8.0	7.7	7.7	8.0	7.7	7.3	7.7	7.3	8.3	6.7	7.7
007 (DSB)	7.0	6.7	8.3	6.0	7.7	7.7	8.0	8.3	9.0	8.5	8.0	5.0	8.0	8.5	7.5	7.6
AUTHORITY (235050)	6.0	6.7	8.3	7.7	7.7	8.3	8.3	8.3	7.0	7.5	6.0	7.0	8.0	8.0	6.5	7.6
IS-AP 9	6.3	6.7	8.3	7.0	7.7	8.3	8.0	8.0	8.3	8.5	8.0	7.0	7.5	7.3	6.3	7.6
T-1	8.0	7.7	6.7	7.7	8.0	7.3	8.0	8.0	8.0	8.3	7.0	7.5	7.3	8.0	6.7	7.6
ALPHA	6.3	6.3	7.7	7.3	7.3	7.3	7.3	7.7	7.7	8.0	8.0	7.3	7.3	8.0	6.7	7.5
BENGAL	7.0	6.7	8.3	6.7	8.0	7.7	7.7	7.7	7.7	7.3	6.7	6.7	7.3	8.0	7.7	7.4
PENN A-1	6.3	7.0	8.3	7.0	7.0	7.7	7.7	7.3	8.3	8.0	8.0	7.0	7.0	7.0	6.0	7.4
CY-2	5.7	5.7	8.0	7.3	6.7	6.3	7.3	7.0	8.3	7.7	7.3	7.3	7.3	7.0	8.0	7.3
SHARK (23R)	5.7	5.3	8.3	6.3	7.3	7.3	8.0	8.0	7.7	7.7	8.0	4.5	9.0	8.0	5.7	7.2
DECLARATION	6.0	6.3	6.7	7.0	7.3	6.3	7.3	7.3	7.0	6.0	6.0	8.0	9.0	8.0	7.0	7.0
MEMORIAL (A03-EDI)	6.3	6.0	7.3	7.7	7.3	8.0	6.3	6.3	7.7	7.0	7.0	7.7	6.7	6.7	6.0	7.0
13-M	6.3	6.3	7.3	6.3	6.7	6.7	6.7	7.0	7.7	7.0	7.5	6.5	7.0	7.5	6.7	6.8
BENCHMARK DSR	6.3	6.3	7.3	7.3	6.7	6.0	7.3	7.3	6.7	6.7	6.3	6.3	7.3	7.0	5.0	6.7
VILLA (IS-AC 1)	6.3	6.3	7.7	6.7	7.3	7.0	7.0	7.0	7.0	7.0	6.0	6.3	6.7	7.0	5.7	6.7
LEGENDARY	6.7	7.3	7.3	6.3	6.3	7.0	6.3	6.3	7.0	7.0	7.0	6.3	7.0	6.3	6.3	6.6
PENNLINKS II	6.0	7.0	7.3	7.0	6.7	6.7	7.0	6.7	6.7	6.5	5.5	7.0	6.5	7.0	5.0	6.5
KINGPIN (9200)	6.7	7.7	6.3	6.7	6.3	5.7	6.7	6.7	7.0	6.3	6.0	6.3	7.0	6.3	6.3	6.4
PENNCROSS	6.0	6.0	6.3	6.3	6.3	6.0	6.3	6.3	6.0	6.0	5.3	7.0	6.3	6.3	6.0	6.2
TYEE (SRX 1GD)	6.7	7.3	7.3	5.7	6.3	6.0	6.3	6.0	6.7	6.5	6.7	5.5	5.5	6.0	5.7	6.2
MACKENZIE (SRX 1GPD)	5.7	5.3	7.3	5.3	6.0	5.7	6.0	6.0	6.0	6.3	5.3	5.7	6.3	6.3	7.3	6.0
VESPER	6.3	7.0	7.0	6.3	6.0	6.3	5.7	5.7	6.3	6.0	6.0	6.3	6.0	6.0	5.7	6.0
SR 7200	6.3	6.3	6.7	6.0	5.3	5.7	5.7	5.7	6.7	6.0	7.0	6.0	6.3	5.7	5.0	5.9
VENUS (EFD)	6.3	7.0	7.3	5.7	6.7	6.7	5.7	5.7	5.7	4.0	5.0	6.0	6.0	6.0	4.7	5.8
GREENWICH	6.0	6.7	7.0	5.3	5.7	6.0	5.3	5.3	6.0	6.0	5.7	5.0	5.7	5.7	6.0	5.6
LSD VALUE	1.1	2.0	1.8	1.3	1.8	1.6	1.6	1.3	1.6	1.4	2.4	1.5	2.5	1.6	1.4	0.8
C.V. (%)	9.1	12.5	10.7	10.9	13.0	13.1	12.5	10.9	12.1	10.3	14.2	10.8	13.1	10.8	12.5	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 1.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT TUCSON, AZ 1/
2005 DATA

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

NAME	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	FALL COLOR DECEMBER
INDEPENDENCE	8.0	7.0	7.0	78.3	81.7	98.7	8.0	6.7	7.7	8.0	8.3
LS-44	8.3	7.3	8.0	94.7	89.7	98.3	6.3	7.0	7.0	6.3	6.3
007 (DSB)	8.3	7.0	6.3	80.0	65.7	82.7	7.0	6.0	7.0	7.0	7.0
AUTHORITY (235050)	8.7	8.0	5.7	71.7	55.3	83.0	6.0	6.0	6.0	6.0	6.0
IS-AP 9	9.0	7.0	6.7	80.0	71.7	95.7	6.5	7.0	6.5	6.5	6.0
T-1	8.0	7.7	8.3	89.0	94.0	99.0	8.5	7.3	8.0	8.5	7.7
ALPHA	7.3	5.7	7.0	94.7	89.7	99.0	6.7	6.3	7.0	6.7	7.3
BENGAL	8.3	8.0	8.7	93.3	94.7	98.7	7.3	6.3	7.7	7.3	7.3
PENN A-1	8.3	6.0	5.7	77.3	58.3	94.0	6.0	6.0	6.0	6.0	6.0
CY-2	8.3	7.0	7.0	88.3	82.3	99.0	5.3	7.0	6.3	5.3	5.7
SHARK (23R)	8.3	7.5	5.7	75.0	50.0	94.0	6.5	5.5	6.5	6.5	7.5
DECLARATION	6.7	8.0	6.0	67.3	62.3	91.3	6.0	8.0	7.0	6.0	5.5
MEMORIAL (A03-EDI)	8.3	7.3	8.0	92.7	88.3	98.7	7.0	6.7	7.0	7.0	7.3
13-M	7.0	7.0	8.0	81.7	83.0	94.0	6.3	7.0	7.0	6.3	7.0
BENCHMARK DSR	7.3	7.0	7.0	83.3	68.3	93.0	6.3	6.3	7.3	6.3	6.3
VILLA (IS-AC 1)	8.3	6.7	7.3	91.7	86.0	98.7	6.0	6.7	6.3	6.0	6.0
LEGENDARY	7.0	6.7	7.3	80.0	81.0	94.3	6.3	6.7	6.7	6.3	6.3
PENNLINKS II	8.3	7.0	6.3	76.7	60.0	96.7	5.5	6.5	6.5	5.5	5.3
KINGPIN (9200)	6.3	7.0	7.7	76.7	76.7	98.7	6.3	5.3	6.7	6.3	6.7
PENNCROSS	6.7	6.0	7.3	91.3	81.3	97.0	6.3	5.7	6.7	6.3	7.0
TYEE (SRX 1GD)	7.3	7.0	7.3	61.7	73.3	97.3	7.0	6.0	7.0	7.0	7.0
MACKENZIE (SRX 1GPD)	6.3	6.7	8.3	75.0	96.0	99.0	5.7	6.0	6.7	5.7	5.7
VESPER	7.3	7.0	7.7	85.0	79.3	99.0	6.3	6.0	7.0	6.3	6.7
SR 7200	7.3	7.3	7.0	87.7	75.0	98.7	6.7	6.0	7.3	6.7	7.3
VENUS (EFD)	8.0	6.0	5.7	78.0	61.0	85.7	5.0	7.0	6.0	5.0	5.0
GREENWICH	7.0	6.3	7.7	83.3	91.3	98.3	6.0	6.3	6.7	6.0	6.0
LSD VALUE	2.0	2.9	3.7	19.6	45.0	25.9	2.2	3.7	1.9	2.2	2.4
C.V. (%)	12.1	12.6	19.0	11.9	23.8	8.7	12.8	14.9	9.3	12.8	14.9

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 2. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT AMES, IA 1/
2005 DATA

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

NAME	GENETIC	SPRING	LEAF	QUALITY RATINGS						MEAN
	COLOR	GREENUP	TEXTURE	MAY	JUN	JUL	AUG	SEP	OCT	
IS-AP 9	7.7	7.3	7.0	8.0	8.7	8.0	9.0	7.3	7.7	8.1
AUTHORITY (235050)	7.3	7.3	8.0	6.7	7.3	7.7	9.0	7.0	9.0	7.8
CY-2	7.7	7.7	6.7	6.0	7.7	8.0	8.7	7.7	8.3	7.7
007 (DSB)	7.7	7.0	7.0	5.7	6.7	7.3	9.0	7.3	9.0	7.5
ALPHA	7.3	7.0	6.7	6.7	7.0	7.7	8.0	7.3	8.0	7.4
SHARK (23R)	8.3	7.0	7.3	7.0	7.3	6.3	8.7	6.0	8.3	7.3
T-1	8.0	7.0	7.3	6.0	7.0	7.7	7.7	6.7	9.0	7.3
13-M	7.3	7.0	6.3	6.0	6.7	7.7	8.7	6.7	7.7	7.2
BENCHMARK DSR	7.3	7.3	6.3	6.0	6.7	7.7	7.7	6.3	9.0	7.2
MACKENZIE (SRX 1GPD)	7.7	6.3	7.3	8.0	8.7	6.0	8.7	5.0	6.7	7.2
KINGPIN (9200)	7.7	6.3	6.0	5.3	7.0	7.0	7.3	6.7	9.0	7.1
INDEPENDENCE	7.7	6.0	6.7	6.0	6.3	6.7	8.0	6.7	8.3	7.0
BENGAL	7.7	7.3	7.0	6.0	7.0	6.7	7.3	6.3	8.3	6.9
LS-44	7.7	5.7	6.3	5.7	6.3	6.7	6.7	7.7	8.3	6.9
MEMORIAL (A03-EDI)	7.3	7.0	6.0	6.0	6.7	6.3	7.3	6.3	8.0	6.8
TYEE (SRX 1GD)	8.0	7.0	7.0	6.0	6.3	6.3	8.3	5.7	8.0	6.8
DECLARATION	7.7	7.7	7.3	4.0	6.7	6.3	8.3	5.7	8.7	6.6
LEGENDARY	6.3	5.0	8.0	7.0	6.3	6.0	6.0	7.0	7.0	6.6
PENNLINKS II	6.7	5.3	6.3	5.7	5.7	6.7	7.0	7.0	6.7	6.4
PENN A-1	7.3	6.7	7.3	4.0	5.0	7.0	6.3	7.7	7.7	6.3
SR 7200	6.7	5.0	6.7	5.0	5.7	5.7	6.3	7.3	7.3	6.2
VILLA (IS-AC 1)	6.3	5.7	7.7	6.0	5.3	5.3	6.0	6.7	8.0	6.2
GREENWICH	6.3	4.3	8.0	5.7	5.3	5.3	5.7	7.0	7.3	6.1
PENNCROSS	7.3	5.3	5.7	5.0	5.3	7.0	6.3	6.0	6.3	6.0
VENUS (EFD)	6.3	4.7	8.0	5.0	5.3	4.7	5.3	6.0	6.3	5.4
VESPER	6.3	4.3	8.0	4.7	4.0	4.3	4.7	5.3	5.3	4.7
LSD VALUE	1.0	2.4	1.0	2.7	3.1	2.4	1.6	1.6	1.4	1.4
C.V. (%)	7.8	19.0	8.2	21.0	21.3	17.6	13.0	12.3	10.3	11.0

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

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

TABLE 3. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT URBANA, IL 1/
2005 DATA

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

NAME	GENETIC	DENSITY	QUALITY RATINGS							MEAN
	COLOR	SUMMER	APR	MAY	JUN	JUL	AUG	SEP	OCT	
TYEE (SRX 1GD)	6.0	8.0	4.0	4.0	7.3	7.3	8.7	8.0	8.0	6.8
MACKENZIE (SRX 1GPD)	4.7	7.7	4.7	3.3	6.7	7.0	8.3	7.3	8.7	6.6
IS-AP 9	6.7	7.3	4.7	3.3	6.3	7.3	7.7	7.7	8.3	6.5
SHARK (23R)	5.3	7.7	3.7	3.3	7.0	7.0	7.7	7.3	7.7	6.2
007 (DSB)	5.0	7.7	4.0	3.7	7.0	7.0	7.7	6.7	7.0	6.1
INDEPENDENCE	5.7	6.7	4.0	3.7	6.7	7.0	7.7	6.7	7.0	6.1
KINGPIN (9200)	5.7	6.3	4.3	3.7	6.0	6.7	7.3	7.3	7.3	6.1
T-1	7.7	7.7	4.0	3.0	5.7	7.7	8.0	7.7	6.7	6.1
LS-44	5.7	7.3	4.7	4.0	6.3	6.7	6.7	7.0	6.7	6.0
AUTHORITY (235050)	5.7	8.0	3.3	3.3	5.0	6.3	8.0	6.7	8.3	5.9
BENGAL	5.0	6.0	3.7	4.0	5.7	6.3	7.0	7.7	6.7	5.9
DECLARATION	5.7	8.0	3.7	3.0	6.0	6.7	7.3	7.7	7.0	5.9
CY-2	5.7	7.7	3.3	3.7	5.3	7.3	7.7	6.3	6.7	5.8
MEMORIAL (A03-EDI)	5.0	7.0	4.7	3.3	6.3	6.3	6.3	7.0	6.7	5.8
13-M	4.7	6.3	4.3	3.3	5.7	6.3	6.3	6.7	6.3	5.6
ALPHA	6.3	6.7	4.0	3.3	5.3	6.7	6.3	6.7	6.7	5.6
BENCHMARK DSR	6.0	7.3	4.0	3.7	5.7	6.0	6.7	6.3	7.0	5.6
PENN A-1	5.3	6.3	3.3	3.0	5.0	6.3	6.7	7.3	6.3	5.4
PENNLINKS II	5.7	4.3	5.0	3.7	5.0	5.7	4.7	5.0	5.7	5.0
VENUS (EFD)	5.0	9.0	3.3	4.0	5.0	5.7	4.0	5.3	6.0	4.8
VILLA (IS-AC 1)	4.3	8.7	4.0	4.0	5.7	5.3	4.0	5.3	5.3	4.8
LEGENDARY	4.3	8.0	3.7	3.7	4.0	5.3	3.7	5.0	5.3	4.4
PENNCROSS	6.0	3.3	4.7	3.3	4.0	5.0	4.3	5.0	4.7	4.4
VESPER	6.0	7.3	3.7	4.0	4.3	5.3	3.3	5.0	5.0	4.4
GREENWICH	4.0	8.0	3.0	4.0	4.0	4.0	4.0	5.0	5.0	4.1
SR 7200	4.0	6.7	3.3	4.0	3.0	3.7	3.7	4.3	4.0	3.7
LSD VALUE	1.0	0.9	1.2	1.4	1.4	1.2	1.1	1.2	1.1	0.6
C.V. (%)	11.8	8.7	15.0	14.2	15.1	11.6	11.7	11.7	10.7	7.2

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

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

TABLE 4.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT WEST LAFAYETTE, IN 1/
2005 DATA

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

NAME	GENETIC	LEAF	DENSITY	DENSITY	DOLLAR	QUALITY RATINGS								MEAN
	COLOR	TEXTURE	SUMMER	FALL	SPOT	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
T-1	9.0	8.0	8.0	8.3	7.0	8.0	8.3	9.0	8.3	8.3	8.7	8.7	7.7	8.4
007 (DSB)	8.0	8.0	8.3	8.3	8.7	7.7	8.3	8.3	8.0	7.7	8.3	8.7	8.3	8.2
AUTHORITY (235050)	8.3	8.0	8.3	8.3	7.7	7.7	8.0	8.3	8.3	8.0	9.0	8.7	7.7	8.2
BENCHMARK DSR	8.3	7.3	8.0	8.7	9.0	8.0	8.3	8.3	8.3	7.7	8.0	9.0	8.0	8.2
SHARK (23R)	8.3	7.7	8.3	9.0	7.3	8.0	8.3	8.3	8.0	8.0	8.7	8.7	7.3	8.2
ALPHA	8.0	7.3	8.0	7.7	8.0	7.7	7.3	7.7	8.3	8.0	8.3	8.7	7.7	8.0
BENGAL	8.0	7.3	7.7	8.0	6.3	7.7	8.0	8.3	8.3	8.0	7.7	8.7	7.3	8.0
DECLARATION	8.3	7.7	7.0	8.3	8.7	8.0	8.0	8.3	8.3	6.7	8.3	8.7	8.0	8.0
INDEPENDENCE	8.0	7.3	8.3	7.7	6.3	8.3	7.7	8.0	8.3	7.7	8.0	8.7	7.0	8.0
IS-AP 9	8.7	8.0	8.0	8.3	9.0	7.7	8.0	7.7	8.0	7.7	8.0	8.3	8.3	8.0
KINGPIN (9200)	7.7	7.3	8.7	8.7	8.3	7.7	8.0	8.3	8.3	7.7	8.0	8.3	7.7	8.0
MACKENZIE (SRX 1GPD)	7.7	8.0	9.0	8.3	7.3	8.0	8.0	8.0	8.0	8.0	8.3	8.7	7.3	8.0
PENN A-1	9.0	7.3	7.7	8.3	8.3	7.7	7.7	7.7	8.3	8.3	8.3	8.7	7.3	8.0
TYEE (SRX 1GD)	7.7	8.0	8.7	9.0	7.3	8.7	7.3	7.7	8.0	8.0	8.3	8.7	7.3	8.0
CY-2	7.7	7.0	7.3	8.3	9.0	7.0	7.0	8.0	8.3	7.7	8.3	8.7	8.3	7.9
LS-44	9.0	7.3	7.3	8.3	8.7	8.0	8.0	8.3	8.3	7.3	7.7	8.0	7.7	7.9
MEMORIAL (A03-EDI)	8.0	6.7	7.3	8.3	9.0	8.0	7.7	7.3	8.0	7.7	7.3	8.0	7.7	7.7
13-M	7.3	7.3	7.0	7.0	9.0	7.3	6.7	7.7	7.3	7.3	7.3	8.3	7.7	7.5
PENNLINKS II	8.3	5.7	5.7	6.7	8.3	7.0	6.7	6.0	7.3	6.7	6.3	7.3	6.7	6.8
PENNCROSS	8.3	5.3	5.0	5.7	7.0	6.3	6.3	6.0	6.7	5.3	6.3	6.0	6.0	6.1
VILLA (IS-AC 1)	7.0	9.0	8.0	9.0	9.0	5.3	5.0	5.7	6.7	5.0	4.0	5.0	5.3	5.3
GREENWICH	7.0	9.0	8.0	9.0	9.0	5.0	4.3	4.3	5.7	5.3	5.0	4.7	5.0	4.9
LEGENDARY	6.7	9.0	8.0	9.0	9.0	4.3	4.3	5.3	5.7	4.3	4.3	4.3	5.0	4.7
VENUS (EFD)	7.0	8.7	7.7	9.0	9.0	4.3	4.3	5.3	5.3	4.3	4.3	4.0	5.0	4.6
VESPER	7.0	9.0	7.7	9.0	9.0	4.0	4.0	4.7	6.0	4.0	4.3	4.7	5.3	4.6
SR 7200	7.0	9.0	8.0	8.3	9.0	4.3	3.7	4.0	5.0	4.0	4.3	4.0	5.7	4.4
LSD VALUE	0.8	0.7	0.9	0.9	3.8	0.9	1.1	0.9	1.1	0.8	0.8	0.8	1.0	0.4
C.V. (%)	6.0	5.9	7.5	6.9	16.6	8.4	10.2	8.0	9.1	7.7	7.9	7.6	9.3	4.2

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 5. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT MANHATTAN, KS 1/
2005 DATA

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

NAME	QUALITY RATINGS			
	APR	MAY	JUN	MEAN
MEMORIAL (A03-EDI)	7.3	7.7	5.0	6.7
CY-2	7.0	7.7	4.7	6.4
DECLARATION	6.3	8.0	5.0	6.4
LS-44	6.7	7.3	4.3	6.1
BENGAL	6.0	6.3	4.7	5.7
MACKENZIE (SRX 1GPD)	5.0	7.0	4.7	5.6
ALPHA	4.7	6.0	5.7	5.4
INDEPENDENCE	5.0	5.7	5.7	5.4
AUTHORITY (235050)	4.7	6.3	5.0	5.3
KINGPIN (9200)	4.7	6.3	4.7	5.2
PENNLINKS II	5.0	6.3	4.3	5.2
007 (DSB)	4.3	6.3	5.0	5.2
BENCHMARK DSR	5.0	6.0	4.3	5.1
PENNCROSS	5.0	5.7	4.7	5.1
SHARK (23R)	3.7	5.7	6.0	5.1
IS-AP 9	3.3	6.0	5.7	5.0
TYEE (SRX 1GD)	5.3	6.3	3.3	5.0
T-1	3.7	6.0	5.0	4.9
13-M	4.3	5.0	4.7	4.7
VENUS (EFD)	4.3	4.3	4.7	4.4
PENN A-1	3.7	4.7	4.7	4.3
SR 7200	3.7	4.7	4.3	4.2
GREENWICH	4.0	4.7	4.0	4.2
LEGENDARY	4.0	4.7	4.0	4.2
VESPER	3.7	4.0	4.3	4.0
VILLA (IS-AC 1)	3.3	4.0	4.0	3.8
LSD VALUE	3.0	2.0	2.4	1.4
C.V. (%)	29.4	19.1	18.9	15.1

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

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

TABLE 6.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT LEXINGTON, KY 1/
2005 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	PERCENT	PERCENT	PERCENT	PERCENT	QUALITY RATINGS								
			DOLLAR SPOT JUL 19	DOLLAR SPOT JUL 26	DOLLAR SPOT AUG 31	DOLLAR SPOT OCT 3	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
IS-AP 9	8.0	6.7	10.3	3.0	12.7	18.0	7.3	8.7	8.0	6.7	7.3	6.0	4.7	8.3	7.1
MEMORIAL (A03-EDI)	7.3	6.3	2.0	0.0	5.3	14.0	7.0	7.7	7.0	6.7	7.7	7.3	5.3	8.3	7.1
BENCHMARK DSR	7.7	6.7	2.3	2.3	4.0	13.3	7.0	7.3	6.7	6.7	7.0	5.7	5.0	9.0	6.8
007 (DSB)	7.7	8.0	9.7	5.7	11.0	19.0	6.3	8.3	7.7	6.3	7.3	6.7	4.3	6.7	6.7
CY-2	7.0	6.7	3.3	0.0	6.7	12.0	6.0	7.7	6.7	6.7	7.3	6.7	5.0	7.3	6.7
DECLARATION	7.7	7.3	0.0	0.0	1.7	8.0	6.0	7.3	7.3	6.3	5.7	5.7	6.7	8.3	6.7
13-M	7.3	6.7	4.3	0.7	9.7	16.0	7.0	7.3	7.0	6.3	6.7	5.0	5.3	8.3	6.6
PENN A-1	7.7	7.0	14.0	8.0	10.3	25.7	6.7	8.3	7.3	6.0	5.7	5.7	5.0	7.7	6.5
PENNLINKS II	6.0	5.0	9.3	5.0	6.7	16.0	6.3	6.0	6.7	7.0	6.7	5.7	5.3	8.7	6.5
MACKENZIE (SRX 1GPD)	7.0	7.7	13.3	5.7	11.3	24.0	6.0	7.7	7.7	5.3	7.3	6.3	4.3	6.7	6.4
AUTHORITY (235050)	7.7	7.7	9.0	3.3	8.0	23.3	5.7	8.0	7.7	7.0	5.7	5.7	4.3	6.7	6.3
KINGPIN (9200)	6.3	7.3	7.0	1.7	4.7	12.0	6.3	7.0	6.3	6.3	5.3	5.3	5.3	8.0	6.3
LS-44	8.0	6.0	13.7	5.0	19.0	35.0	6.3	8.0	7.0	6.0	8.0	5.0	4.0	6.3	6.3
ALPHA	7.3	6.0	17.3	12.3	17.3	23.3	5.7	7.7	7.7	5.7	6.3	4.0	4.7	7.3	6.1
TYEE (SRX 1GD)	7.0	8.3	13.0	6.7	12.0	25.0	5.3	7.0	7.3	5.7	6.3	6.3	4.0	7.0	6.1
T-1	9.0	7.0	21.0	15.0	18.0	33.3	6.0	8.0	8.0	5.7	4.7	5.3	4.3	6.3	6.0
SHARK (23R)	7.7	7.0	22.3	13.3	20.0	43.3	6.0	8.0	7.3	5.3	5.0	4.7	3.7	5.3	5.7
INDEPENDENCE	7.3	6.0	27.7	15.7	15.7	28.3	5.0	7.3	7.7	5.0	5.0	4.7	4.0	6.0	5.6
BENGAL	7.3	6.0	22.7	15.3	17.3	35.0	5.0	6.3	6.3	5.3	4.7	5.0	4.3	6.0	5.4
SR 7200	7.3	4.0	0.0	0.0	12.3	16.7	4.3	5.3	3.7	4.0	3.7	4.3	4.3	4.7	4.3
GREENWICH	8.7	4.7	0.0	0.0	11.0	10.3	4.7	5.7	3.3	4.0	3.3	4.0	4.0	4.0	4.1
PENNCROSS	5.0	4.0	46.7	41.7	15.0	33.3	4.7	4.7	4.0	4.3	3.3	3.3	3.3	5.0	4.1
VILLA (IS-AC 1)	7.3	4.3	0.0	0.0	6.0	7.0	4.0	5.7	3.0	3.3	4.0	3.7	4.3	3.3	3.9
VENUS (EFD)	8.3	4.3	0.0	0.0	5.0	8.0	4.3	6.3	3.7	3.3	3.0	2.7	4.0	3.3	3.8
VESPER	7.7	4.0	0.0	0.0	10.0	13.7	3.7	5.0	3.3	3.7	3.0	3.7	4.0	4.0	3.8
LEGENDARY	7.0	4.7	0.0	0.0	7.7	10.3	3.7	5.3	3.0	3.3	3.0	3.0	3.7	4.0	3.6
LSD VALUE	1.4	1.0	6.5	5.7	5.8	14.3	1.0	1.2	0.9	1.0	1.8	1.2	0.8	1.1	0.5
C.V. (%)	10.5	10.7	42.3	61.8	33.6	41.9	11.6	10.6	9.7	12.1	20.2	14.6	11.6	11.1	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 7.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT AMHERST, MA 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	WEAR TOLERANCE	QUALITY RATINGS								MEAN
				APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
VESPER	7.0	7.7	7.0	4.7	5.7	7.7	7.7	7.3	7.3	6.7	6.3	6.7
VENUS (EFD)	7.0	7.3	7.3	4.0	6.3	7.0	7.3	7.7	7.3	7.0	6.3	6.6
LEGENDARY	7.0	7.7	7.3	4.3	6.7	7.3	7.7	6.7	7.7	7.0	5.7	6.6
VILLA (IS-AC 1)	6.7	7.7	7.7	4.3	6.7	7.0	7.7	7.0	7.7	7.0	5.3	6.6
GREENWICH	7.0	7.3	8.0	4.7	6.3	7.0	7.0	7.0	7.3	7.0	5.7	6.5
IS-AP 9	5.7	6.0	3.3	3.3	6.7	7.7	7.0	7.0	7.3	6.0	5.0	6.3
LS-44	5.7	6.3	3.3	3.3	7.0	7.7	7.0	7.3	7.0	6.3	5.0	6.3
KINGPIN (9200)	6.0	6.0	3.7	3.0	6.3	7.0	6.3	7.7	7.3	7.0	5.0	6.2
MEMORIAL (A03-EDI)	5.0	6.3	3.0	3.0	6.7	7.7	6.7	7.3	7.0	6.3	5.0	6.2
13-M	5.0	5.7	2.7	3.0	6.3	7.0	6.7	7.0	7.0	6.7	5.3	6.1
BENCHMARK DSR	6.0	6.0	2.7	3.0	6.0	7.3	6.7	7.0	7.7	6.7	4.7	6.1
BENGAL	5.7	5.7	3.7	3.3	6.0	7.0	6.7	6.7	7.0	6.3	6.0	6.1
CY-2	5.3	4.3	4.0	2.3	5.3	7.0	6.7	7.0	7.0	6.3	6.0	6.0
PENN A-1	5.3	5.0	3.3	2.3	6.3	7.7	6.7	7.0	7.0	6.0	5.3	6.0
SR 7200	7.0	7.0	5.3	3.7	6.0	7.0	6.3	6.3	6.7	6.3	5.3	6.0
T-1	6.0	6.0	2.7	2.3	6.0	6.7	7.0	7.3	7.0	6.7	5.3	6.0
TYEE (SRX 1GD)	6.0	5.7	3.0	2.0	4.7	6.0	7.0	7.7	8.0	7.0	5.7	6.0
DECLARATION	6.0	6.0	3.3	2.0	5.0	6.3	6.7	7.3	7.0	7.0	5.7	5.9
MACKENZIE (SRX 1GPD)	5.3	6.3	3.3	2.3	4.7	6.0	7.3	7.3	7.3	6.7	5.3	5.9
007 (DSB)	6.0	6.3	3.0	2.3	5.0	6.3	6.3	7.0	7.0	6.7	5.7	5.8
AUTHORITY (235050)	5.7	5.7	3.7	2.3	5.0	6.7	6.3	7.3	7.0	6.7	4.7	5.8
SHARK (23R)	5.7	5.7	3.7	2.3	5.0	6.3	6.7	7.0	7.7	6.7	5.0	5.8
INDEPENDENCE	6.0	5.3	4.0	2.3	4.7	6.3	6.7	7.3	6.7	6.3	5.3	5.7
ALPHA	6.0	5.7	3.7	2.3	5.3	6.7	6.3	6.3	7.0	6.0	5.0	5.6
PENNLINKS II	5.7	5.7	2.7	2.7	6.3	6.7	6.0	6.3	6.3	5.7	5.0	5.6
PENNCROSS	5.0	5.3	4.0	2.7	6.0	6.0	5.7	5.7	6.0	5.7	5.0	5.3
LSD VALUE	0.5	1.4	1.2	1.1	1.3	1.1	1.0	1.2	1.3	1.1	0.8	0.5
C.V. (%)	5.8	13.0	19.4	21.9	12.4	8.5	7.7	8.1	8.1	7.7	8.1	5.1

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

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

TABLE 8.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT ORONO, ME 1/
2005 DATA

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

NAME	GENETIC COLOR	LEAF TEXTURE	BROWN	BROWN	QUALITY RATINGS						MEAN
			PATCH JULY	PATCH AUGUST	MAY	JUN	JUL	AUG	SEP	OCT	
GREENWICH	6.0	8.3	8.7	9.0	7.3	7.3	7.7	9.0	7.7	8.3	7.9
VESPER	6.0	8.0	9.0	9.0	7.0	8.0	7.3	9.0	7.7	8.3	7.9
VENUS (EFD)	6.0	8.3	9.0	9.0	6.7	7.3	8.0	9.0	7.7	8.3	7.8
LEGENDARY	6.3	8.7	9.0	9.0	7.0	7.7	7.3	9.0	7.7	7.3	7.7
VILLA (IS-AC 1)	6.0	8.3	8.7	9.0	6.3	7.7	7.7	9.0	7.7	7.7	7.7
SR 7200	6.0	8.0	8.7	9.0	6.0	7.0	7.7	9.0	7.0	8.0	7.4
CY-2	6.0	7.3	6.7	8.0	6.3	6.7	5.7	7.7	7.3	6.7	6.7
IS-AP 9	6.0	6.7	8.0	8.7	6.7	7.0	5.3	8.0	7.0	6.0	6.7
AUTHORITY (235050)	6.0	6.7	8.0	8.7	6.0	6.3	6.0	7.7	6.7	7.0	6.6
BENGAL	6.3	7.7	6.0	7.7	6.7	6.3	5.7	7.3	7.3	6.3	6.6
BENCHMARK DSR	6.7	6.0	7.0	7.7	7.0	6.3	6.0	7.3	6.0	6.3	6.5
DECLARATION	6.3	6.3	8.0	7.7	6.7	6.3	6.0	7.0	6.7	6.3	6.5
MEMORIAL (A03-EDI)	6.0	6.0	8.0	7.7	6.7	6.0	6.3	7.0	6.0	7.0	6.5
PENN A-1	6.0	7.7	8.0	7.3	5.7	6.0	5.7	7.3	7.7	6.0	6.4
SHARK (23R)	6.0	6.3	8.0	8.0	6.3	6.7	4.7	7.3	6.7	6.7	6.4
T-1	6.3	6.3	7.7	7.3	6.3	6.0	5.7	7.0	6.7	6.7	6.4
ALPHA	6.0	7.0	6.0	7.0	6.0	6.7	5.7	6.0	6.7	7.0	6.3
TYEE (SRX 1GD)	6.0	6.7	6.0	7.7	6.0	6.3	5.3	7.0	6.7	6.7	6.3
INDEPENDENCE	6.3	6.3	7.3	8.7	6.3	6.3	5.7	7.0	6.0	6.0	6.2
KINGPIN (9200)	6.7	7.0	5.7	8.3	6.0	6.7	5.3	7.0	6.0	6.3	6.2
MACKENZIE (SRX 1GPD)	6.0	6.7	6.7	7.7	6.0	6.0	4.7	7.0	6.7	6.7	6.2
PENNLINKS II	6.0	6.3	6.0	8.3	6.3	6.3	5.0	7.0	6.3	6.3	6.2
007 (DSB)	6.3	5.7	6.3	7.7	6.7	6.7	4.7	7.3	5.3	5.7	6.1
13-M	6.0	6.3	8.0	8.0	5.3	6.7	5.7	6.7	6.0	6.3	6.1
PENNCROSS	6.7	6.0	4.0	7.7	5.3	6.0	6.0	6.3	6.7	6.0	6.1
LS-44	6.0	6.3	6.3	8.3	5.7	6.0	5.0	6.7	5.7	5.7	5.8
LSD VALUE	1.4	1.6	2.1	1.3	3.7	1.3	1.0	1.0	1.9	1.0	0.6
C.V. (%)	6.9	12.7	16.1	8.4	16.3	10.0	10.9	8.1	12.7	9.0	5.7

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 9.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT EAST LANSING, MI 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	PERCENT	PERCENT	PERCENT	QUALITY RATINGS							MEAN	
							COVER SPRING	COVER SUMMER	COVER FALL	APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
MACKENZIE (SRX 1GPD)	6.7	6.3	6.3	6.3	7.0	8.0	96.7	98.0	96.7	6.7	6.0	5.7	7.0	7.0	7.7	7.7	7.3	6.9
DECLARATION	7.0	7.0	6.0	5.3	5.7	6.3	98.0	91.3	98.3	6.7	6.0	5.7	6.7	6.7	6.7	7.0	7.7	6.6
INDEPENDENCE	6.7	7.0	6.0	5.3	6.7	6.7	96.7	97.3	95.7	6.3	5.3	6.0	6.7	6.7	6.7	7.3	6.7	6.5
AUTHORITY (235050)	6.0	6.7	6.0	6.0	6.7	7.7	97.7	96.0	96.0	6.3	5.3	5.7	6.3	6.3	6.7	7.7	7.0	6.4
SHARK (23R)	6.7	6.0	6.3	6.0	6.7	7.3	96.7	97.3	97.0	6.7	6.0	6.0	6.7	6.0	6.7	7.0	6.3	6.4
007 (DSB)	7.0	7.0	6.3	6.0	5.7	6.3	96.3	90.0	96.0	6.3	5.3	5.7	4.7	6.7	7.0	6.7	8.0	6.3
TYEE (SRX 1GD)	6.3	6.7	5.7	5.3	6.3	8.0	91.7	95.7	97.0	6.0	4.7	5.0	6.0	7.0	6.7	7.7	7.0	6.3
KINGPIN (9200)	7.0	7.0	6.0	5.3	5.3	6.3	93.3	91.7	97.3	5.7	4.7	5.7	7.0	7.0	5.7	7.3	6.3	6.2
BENGAL	6.3	6.7	6.0	6.0	6.7	7.0	96.7	94.3	96.0	6.3	4.7	6.0	6.0	7.0	5.7	6.3	6.7	6.1
BENCHMARK DSR	7.0	7.0	5.3	6.0	5.7	6.3	95.7	88.3	97.0	6.7	5.3	5.0	5.3	6.0	6.3	7.3	6.3	6.0
13-M	6.0	6.3	6.0	6.0	6.3	5.7	98.3	97.3	98.7	6.7	5.3	6.0	5.3	5.0	5.7	6.3	6.3	5.8
MEMORIAL (A03-EDI)	6.7	6.7	6.0	6.0	6.0	7.3	97.3	95.0	98.0	6.3	5.3	5.3	4.7	5.0	5.3	7.0	7.3	5.8
T-1	7.3	6.3	6.0	6.0	6.3	6.7	96.0	88.3	97.0	6.3	4.7	5.7	5.7	7.0	5.0	7.3	4.0	5.7
LS-44	6.7	7.0	4.7	5.3	6.0	7.0	95.7	96.3	97.0	6.0	4.7	5.0	4.7	5.7	4.0	7.3	6.3	5.5
CY-2	6.3	6.3	5.3	4.7	6.0	6.0	93.3	86.7	95.7	6.3	4.3	4.3	5.3	5.7	4.7	6.0	6.0	5.3
IS-AP 9	7.0	6.3	5.3	4.7	5.7	6.0	95.7	93.3	95.0	5.3	4.0	4.7	5.3	6.0	5.3	6.3	3.7	5.1
LEGENDARY	8.0	7.0	7.0	6.0	6.7	6.0	95.0	94.0	83.3	5.0	6.0	5.3	5.3	6.3	4.7	5.3	3.0	5.1
PENN A-1	6.7	6.7	6.0	6.0	5.3	6.7	97.0	88.3	91.7	6.3	4.0	5.0	4.7	5.3	5.7	5.7	4.0	5.1
ALPHA	6.7	6.7	6.0	6.0	5.0	5.7	94.3	87.3	92.3	6.3	4.7	4.3	5.0	4.7	3.7	6.0	5.0	5.0
VILLA (IS-AC 1)	8.0	6.7	7.0	4.7	6.3	6.3	95.7	92.3	83.3	5.0	5.3	4.7	4.7	6.3	5.3	5.3	3.0	5.0
GREENWICH	8.0	6.7	7.0	6.0	5.7	5.3	95.7	91.7	81.7	5.0	4.7	4.7	4.0	6.0	4.7	5.3	3.0	4.7
PENNCROSS	6.0	6.7	4.0	3.3	4.7	5.3	94.3	81.7	93.3	5.0	3.3	3.7	4.7	5.0	5.0	5.0	5.3	4.6
PENNLINKS II	6.0	6.3	4.0	4.0	5.3	4.0	91.7	85.0	95.0	5.0	3.3	4.7	4.7	4.0	4.0	5.3	4.7	4.5
VESPER	8.0	6.7	6.7	6.0	5.3	5.3	96.3	91.7	83.3	6.0	5.3	4.7	4.0	4.7	4.0	4.7	3.0	4.5
VENUS (EFD)	8.0	7.0	7.0	4.0	5.0	6.0	91.7	91.7	85.0	5.0	4.7	4.0	4.0	5.3	4.7	4.0	3.0	4.3
SR 7200	8.0	6.7	6.7	4.7	5.7	6.0	96.3	93.3	90.0	5.0	4.0	4.3	4.0	4.7	4.0	4.7	3.7	4.3
LSD VALUE	0.7	1.4	1.2	1.2	3.4	2.1	4.4	19.0	4.2	1.2	2.2	1.0	1.7	1.9	2.2	2.1	1.4	0.8
C.V. (%)	6.1	7.1	11.6	12.7	18.2	16.5	2.3	7.2	2.9	11.1	20.1	11.4	17.8	16.6	21.4	18.0	17.4	9.7

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

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

TABLE 10.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT ST. PAUL, MN 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY FALL	DOLLAR SPOT	FAIRY RING DISEASE	QUALITY RATINGS						MEAN	
						APR	MAY	JUN	JUL	AUG	SEP		OCT
IS-AP 9	8.0	4.7	6.0	7.3	6.7	6.0	5.7	6.3	7.3	5.3	6.7	6.7	6.3
BENCHMARK DSR	5.3	6.3	5.3	8.3	7.0	7.3	6.7	6.3	6.7	5.0	5.3	5.3	6.1
CY-2	4.0	4.7	5.7	5.7	8.3	5.3	5.7	7.0	7.0	5.3	5.7	6.7	6.1
LS-44	7.3	7.3	6.0	4.7	6.0	7.3	7.0	5.3	6.3	5.3	4.7	5.3	5.9
T-1	6.3	6.7	7.3	3.7	5.7	7.0	7.3	7.3	7.0	5.7	3.0	4.0	5.9
AUTHORITY (235050)	4.3	4.7	6.3	6.0	6.0	6.3	7.0	6.3	7.0	5.7	3.7	4.7	5.8
INDEPENDENCE	5.7	7.0	6.0	2.7	6.7	7.0	6.0	6.7	6.3	5.7	4.7	4.0	5.8
MEMORIAL (A03-EDI)	6.3	5.3	5.0	7.3	7.0	6.0	5.0	5.3	5.7	5.7	6.7	5.7	5.7
SHARK (23R)	4.7	5.0	7.0	3.0	6.0	5.7	6.0	5.7	6.7	6.3	4.7	4.7	5.7
ALPHA	6.3	7.3	6.0	4.0	7.0	6.7	5.3	6.7	7.0	5.7	4.0	4.0	5.6
KINGPIN (9200)	5.0	5.0	5.3	7.0	6.7	5.7	6.0	5.7	5.7	5.0	6.0	5.3	5.6
PENN A-1	6.3	6.3	6.3	6.7	6.3	7.0	6.3	5.3	6.0	4.7	4.7	4.7	5.5
VENUS (EFD)	2.0	6.3	8.3	8.0	4.0	5.3	7.7	8.0	4.3	4.0	4.3	4.0	5.4
TYEE (SRX 1GD)	5.7	5.7	7.0	5.0	7.0	5.7	4.7	6.0	7.0	4.7	4.0	5.7	5.4
13-M	5.3	6.0	6.3	7.0	6.7	6.3	4.7	4.3	5.7	5.3	5.3	5.3	5.3
BENGAL	5.3	4.3	5.0	3.3	5.7	6.0	5.3	5.3	6.0	5.3	4.7	4.7	5.3
007 (DSB)	5.3	6.7	6.7	7.7	6.0	6.7	6.3	5.3	6.3	4.7	3.0	4.3	5.2
PENNLINKS II	7.0	4.7	4.7	7.7	7.3	4.7	4.7	6.0	6.0	4.3	6.0	4.3	5.1
MACKENZIE (SRX 1GPD)	5.0	5.7	7.0	3.7	6.0	6.0	5.7	4.0	4.3	5.0	5.0	5.0	5.0
VESPER	2.0	6.7	8.3	5.0	4.0	5.3	7.7	7.0	4.0	4.0	3.3	3.7	5.0
LEGENDARY	2.0	7.7	8.0	6.7	3.7	5.7	6.3	6.7	4.3	4.0	3.7	3.3	4.9
SR 7200	2.0	6.7	7.7	8.3	2.7	5.3	8.0	7.3	4.0	4.0	2.3	3.0	4.9
VILLA (IS-AC 1)	2.0	6.7	8.3	7.3	4.0	5.3	6.7	6.7	4.3	4.0	3.3	3.7	4.9
GREENWICH	2.0	6.3	8.3	7.0	3.3	4.7	6.7	6.7	4.0	4.0	4.3	3.3	4.8
DECLARATION	4.7	6.7	6.0	8.3	6.3	6.3	5.3	5.0	5.0	3.7	3.0	3.7	4.6
PENNCROSS	7.3	5.0	3.3	6.0	7.0	3.3	4.0	3.3	3.3	2.3	4.3	4.0	3.5
LSD VALUE	0.8	2.3	1.0	1.9	1.8	1.8	1.5	1.1	1.4	1.6	1.4	1.5	0.8
C.V. (%)	10.6	19.0	9.7	19.5	18.3	16.3	14.7	11.3	14.9	17.9	19.4	19.0	8.9

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

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

TABLE 11.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2005 DATA

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

NAME	SPRING GREENUP	LEAF TEXTURE	DENSITY SUMMER	WINTER COLOR	MICRO- DOCHIUM PATCH	DOLLAR SPOT JUNE	DOLLAR SPOT JULY	DOLLAR SPOT AUGUST	DOLLAR SPOT SEPTEMBER	BROWN PATCH JUNE	BROWN PATCH JULY	BROWN PATCH AUGUST	BROWN PATCH SEPTEMBER
VENUS (EFD)	8.0	9.0	6.7	7.7	9.0	9.0	8.3	8.7	8.3	8.3	8.7	8.7	9.0
SR 7200	8.0	9.0	6.3	7.3	8.7	9.0	8.7	9.0	8.7	8.7	8.3	8.3	8.3
GREENWICH	8.0	9.0	6.3	7.7	8.3	8.3	7.7	8.7	7.7	8.3	9.0	9.0	9.0
CY-2	5.0	8.0	5.7	5.3	7.3	9.0	8.7	8.3	8.7	8.3	8.7	8.7	8.0
LEGENDARY	8.0	9.0	7.3	8.0	8.7	9.0	8.3	8.3	8.3	9.0	8.3	8.3	8.3
DECLARATION	5.0	8.0	5.0	5.7	9.0	9.0	9.0	9.0	9.0	9.0	7.7	7.7	7.0
IS-AP 9	6.0	8.0	5.0	6.0	9.0	9.0	7.7	8.3	7.7	9.0	7.3	7.3	7.0
VESPER	8.0	9.0	5.0	7.7	9.0	8.7	6.7	7.7	6.7	9.0	8.7	8.7	7.7
007 (DSB)	6.0	8.0	4.7	6.0	8.7	9.0	7.7	8.3	7.7	8.7	7.0	7.0	7.3
T-1	6.0	8.0	4.0	5.7	9.0	8.3	6.7	7.7	6.7	8.7	7.0	7.0	7.7
VILLA (IS-AC 1)	7.3	9.0	6.0	7.0	9.0	8.7	8.7	9.0	8.7	9.0	8.3	8.3	8.7
LS-44	6.0	8.0	4.0	5.7	8.7	8.7	7.0	8.3	7.0	9.0	7.3	7.3	7.3
13-M	6.0	8.0	4.3	5.7	9.0	9.0	8.7	8.3	8.7	9.0	7.3	7.3	7.0
ALPHA	5.3	8.0	4.0	6.0	9.0	7.7	6.0	7.3	6.0	9.0	7.0	7.0	6.7
BENCHMARK DSR	6.7	8.0	5.0	5.7	6.7	9.0	8.3	9.0	8.3	8.3	7.0	7.0	6.7
KINGPIN (9200)	6.0	7.7	4.3	5.3	9.0	8.3	8.0	8.3	8.0	9.0	6.3	6.3	6.7
MEMORIAL (A03-EDI)	5.0	8.0	5.3	5.7	9.0	8.7	8.0	8.7	8.0	8.3	7.7	7.7	6.7
PENN A-1	7.0	8.0	3.7	5.3	9.0	8.3	7.3	7.7	7.3	8.0	6.3	6.3	6.7
AUTHORITY (235050)	5.0	8.0	4.7	5.0	8.3	9.0	7.7	8.7	7.7	8.7	6.7	6.7	5.7
TYEE (SRX 1GD)	6.0	8.0	4.0	5.0	9.0	8.3	6.7	7.0	6.7	8.3	6.7	6.7	7.0
BENGAL	6.0	8.0	3.0	5.7	8.7	7.7	6.3	7.0	6.3	9.0	6.0	6.0	6.0
INDEPENDENCE	6.0	8.0	4.0	4.3	8.7	7.7	6.3	7.0	6.3	9.0	6.7	6.7	6.3
PENNLINKS II	5.0	7.0	4.0	5.0	8.3	8.7	8.3	8.3	8.3	8.7	7.0	7.0	7.0
SHARK (23R)	6.0	8.0	3.3	5.3	9.0	7.7	6.3	7.3	6.3	8.7	6.7	6.7	6.3
MACKENZIE (SRX 1GPD)	5.0	8.0	4.7	4.7	8.0	8.3	8.0	8.7	8.0	9.0	6.7	6.7	5.7
PENNCROSS	5.3	7.0	3.7	4.0	8.3	9.0	8.7	9.0	8.7	9.0	7.7	7.7	5.0
LSD VALUE	0.4	0.3	1.4	0.9	1.4	1.6	1.1	1.2	1.1	2.8	1.7	1.7	1.3
C.V. (%)	4.8	2.7	18.3	10.3	7.9	7.7	8.8	7.9	8.8	8.2	12.1	12.1	11.0

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

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

TABLE 11.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT RALEIGH, NC 1/
2005 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	
VENUS (EFD)	6.3	6.3	6.0	6.3	7.0	6.7	6.0	6.7	6.0	5.7	6.3	6.7	6.3
SR 7200	7.3	7.0	6.3	6.0	7.3	7.0	5.0	5.0	5.0	5.7	6.7	6.7	6.3
GREENWICH	7.3	7.0	6.0	6.0	6.0	5.0	5.0	6.3	5.0	6.0	7.0	7.7	6.2
CY-2	6.7	6.3	5.7	5.0	4.0	6.3	5.7	5.3	5.7	7.3	7.7	7.3	6.1
LEGENDARY	6.0	6.0	5.3	6.0	6.0	6.7	5.3	5.7	5.3	6.3	6.7	7.3	6.1
DECLARATION	5.7	5.7	6.0	6.0	7.3	7.3	5.0	4.0	5.0	6.0	6.0	5.7	5.8
IS-AP 9	6.3	5.7	5.3	6.3	7.7	8.0	4.3	4.0	4.3	5.7	6.0	5.3	5.8
VESPER	6.7	6.3	6.0	6.0	7.0	6.3	4.0	4.3	4.0	6.0	6.0	6.3	5.8
007 (DSB)	6.0	6.0	6.0	5.7	7.0	7.0	4.3	4.0	4.3	5.7	6.0	6.0	5.7
T-1	6.0	5.3	5.7	6.3	7.7	6.3	3.3	5.0	3.3	7.0	7.0	5.7	5.7
VILLA (IS-AC 1)	5.7	6.0	5.3	5.7	6.0	6.3	5.0	5.7	5.0	5.7	5.7	6.3	5.7
LS-44	6.0	6.0	6.0	6.0	6.3	6.7	3.7	4.3	3.7	5.3	6.0	6.0	5.5
13-M	6.0	5.7	6.0	6.7	5.7	6.7	4.0	4.0	4.0	5.0	5.7	5.3	5.4
ALPHA	6.3	5.7	6.0	5.7	7.0	5.7	3.0	4.0	3.0	6.7	6.3	5.3	5.4
BENCHMARK DSR	6.3	5.7	6.0	6.3	5.7	6.7	4.3	3.7	4.3	5.0	5.3	5.7	5.4
KINGPIN (9200)	6.3	5.7	6.0	6.0	6.0	7.0	3.7	3.7	3.7	6.0	5.7	5.7	5.4
MEMORIAL (A03-EDI)	6.3	5.7	6.0	6.0	6.0	6.3	4.3	3.7	4.3	5.0	5.7	5.7	5.4
PENN A-1	7.0	6.0	6.0	6.0	6.7	5.7	3.7	3.7	3.7	5.0	5.3	5.7	5.4
AUTHORITY (235050)	6.0	5.7	6.0	6.0	6.0	6.3	4.0	3.3	4.0	4.7	4.7	4.7	5.1
TYEE (SRX 1GD)	6.0	6.0	5.7	6.0	6.7	5.7	3.3	3.3	3.3	5.0	4.3	4.3	5.0
BENGAL	6.7	6.0	6.3	6.0	6.3	6.3	2.7	3.0	2.7	3.7	4.7	4.7	4.9
INDEPENDENCE	5.7	5.0	5.0	6.0	7.0	5.3	3.3	3.3	3.3	4.7	5.3	5.0	4.9
PENNLINKS II	5.0	4.7	4.7	5.7	5.0	5.3	4.0	4.0	4.0	5.3	5.7	5.7	4.9
SHARK (23R)	6.3	5.7	5.7	5.7	5.7	5.0	3.0	3.3	3.0	5.3	5.3	5.0	4.9
MACKENZIE (SRX 1GPD)	4.7	4.0	4.7	5.3	5.3	6.3	3.7	3.0	3.7	5.0	5.0	5.0	4.6
PENNCROSS	4.7	4.0	4.0	5.7	4.3	4.7	3.7	2.3	3.7	4.7	5.0	4.3	4.3
LSD VALUE	2.5	1.9	1.2	1.6	2.0	2.3	1.3	1.1	1.3	3.2	1.6	1.4	0.8
C.V. (%)	15.7	15.1	10.7	9.1	16.6	16.3	18.7	16.6	18.7	21.6	14.5	14.3	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 12.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT MEAD, NE 1/
2005 DATA

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

NAME	GENETIC	SPRING	DENSITY	DENSITY	DENSITY	QUALITY RATINGS						MEAN
	COLOR	GREENUP	SPRING	SUMMER	FALL	APR	MAY	JUN	JUL	AUG	SEP	
INDEPENDENCE	8.0	4.3	8.7	9.0	5.0	6.3	6.7	8.0	7.7	7.0	4.7	6.7
MACKENZIE (SRX 1GPD)	7.0	3.3	9.0	9.0	4.3	7.0	7.3	7.0	8.3	6.3	2.3	6.4
ALPHA	7.3	5.7	9.0	9.0	7.3	6.0	6.3	7.3	7.0	6.0	5.0	6.3
T-1	8.0	5.3	9.0	9.0	5.7	6.3	7.7	8.0	6.3	6.3	3.0	6.3
KINGPIN (9200)	8.0	6.0	9.0	9.0	5.3	6.3	6.7	8.0	6.3	6.0	4.0	6.2
MEMORIAL (A03-EDI)	7.3	4.0	9.0	9.0	7.3	5.3	6.0	7.3	6.3	6.7	5.3	6.2
LS-44	7.3	4.7	9.0	9.0	7.0	6.0	4.3	7.3	8.0	6.0	5.0	6.1
PENN A-1	7.7	2.7	9.0	9.0	4.3	6.0	6.3	7.7	7.3	6.0	3.0	6.1
13-M	7.3	2.0	9.0	9.0	6.3	5.3	6.3	7.3	6.0	5.7	5.3	6.0
AUTHORITY (235050)	7.3	3.0	8.3	9.0	6.0	5.7	6.0	7.3	7.7	6.7	2.7	6.0
SHARK (23R)	5.0	2.3	9.0	9.0	5.3	6.0	7.3	5.0	8.0	7.0	2.7	6.0
BENCHMARK DSR	7.7	4.3	9.0	9.0	3.0	6.7	7.0	7.7	5.7	6.0	1.7	5.8
007 (DSB)	7.7	4.3	8.7	8.7	2.7	5.7	6.3	7.7	7.3	5.7	1.7	5.7
CY-2	7.3	4.0	8.7	8.7	3.7	5.3	6.3	7.3	7.0	6.0	2.3	5.7
IS-AP 9	7.3	5.3	9.0	8.7	4.3	6.0	6.7	7.3	5.3	6.0	2.7	5.7
PENNCROSS	7.0	2.3	8.0	8.7	8.0	4.0	4.0	7.0	4.7	7.7	7.0	5.7
BENGAL	7.0	5.3	8.7	8.7	5.7	5.7	5.3	7.0	6.7	4.7	4.0	5.6
PENNLINKS II	7.3	4.0	8.3	8.0	8.7	4.7	4.0	7.3	5.0	6.3	6.3	5.6
DECLARATION	7.3	4.7	8.3	8.7	4.3	5.7	5.7	7.3	6.3	5.7	2.3	5.5
TYEE (SRX 1GD)	6.7	4.7	8.7	9.0	2.3	6.3	6.3	6.7	6.0	5.7	1.0	5.3
SR 7200	3.0	5.7	6.3	6.0	5.7	4.0	3.7	3.0	4.3	3.7	3.0	3.6
VILLA (IS-AC 1)	1.0	4.7	5.7	5.0	7.0	4.7	1.0	1.0	3.3	5.3	2.0	2.9
VENUS (EFD)	3.0	5.3	5.7	2.7	5.7	4.0	1.0	3.0	1.0	4.3	1.7	2.5
LEGENDARY	1.0	6.0	6.0	1.0	5.0	3.7	1.0	1.0	1.0	2.7	2.0	1.9
VESPER	1.0	6.0	5.0	2.3	7.0	3.0	1.0	1.0	1.0	2.3	1.7	1.7
GREENWICH	1.0	6.0	6.7	2.7	4.0	3.7	1.0	1.0	1.0	1.0	1.3	1.5
LSD VALUE	2.0	2.2	0.8	2.3	3.9	1.3	2.0	2.0	1.7	1.9	2.9	1.1
C.V. (%)	21.6	27.6	6.8	19.4	35.0	14.8	25.8	21.6	20.0	21.7	49.5	13.9

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

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

TABLE 13.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT NORTH BRUNSWICK, NJ 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY FALL	QUALITY RATINGS							MEAN	
					APR	MAY	JUN	JUL	AUG	SEP	OCT		NOV
VILLA (IS-AC 1)	4.3	5.0	9.0	9.0	6.0	7.0	8.3	9.0	7.7	8.0	7.0	6.7	7.5
VENUS (EFD)	4.0	4.0	9.0	9.0	5.0	6.3	8.3	9.0	7.7	8.0	6.7	6.7	7.2
LEGENDARY	4.7	4.0	9.0	9.0	4.7	6.7	8.3	9.0	6.7	7.3	8.0	7.0	7.2
VESPER	4.7	3.0	9.0	9.0	4.3	7.7	7.7	8.0	7.3	7.7	6.7	6.7	7.0
TYEE (SRX 1GD)	6.0	5.0	8.0	8.0	6.0	5.0	6.3	8.3	7.7	6.0	7.0	7.7	6.8
GREENWICH	4.7	2.0	9.0	8.7	3.7	7.0	8.0	8.7	6.7	7.0	6.7	5.7	6.7
DECLARATION	5.3	7.0	7.0	7.3	6.3	8.3	8.0	7.3	5.0	5.0	5.7	6.3	6.5
SHARK (23R)	4.7	5.0	8.0	8.0	5.3	6.7	7.3	7.7	5.3	6.3	6.0	7.0	6.5
CY-2	4.7	4.0	7.0	7.3	5.0	4.3	5.7	7.0	7.7	6.7	7.3	7.7	6.4
AUTHORITY (235050)	5.7	6.0	8.0	8.0	5.3	5.7	6.0	7.3	7.7	5.7	6.3	6.3	6.3
SR 7200	4.0	4.0	9.0	9.0	4.7	6.3	7.0	8.0	5.3	7.0	4.7	6.3	6.2
INDEPENDENCE	6.3	6.0	7.7	7.0	5.7	5.7	6.5	6.7	6.0	6.0	6.7	6.0	6.1
PENN A-1	4.7	4.0	7.7	7.7	4.3	7.3	6.3	6.7	5.7	5.7	6.0	6.0	6.0
MACKENZIE (SRX 1GPD)	5.3	5.3	8.0	8.0	6.0	4.0	5.3	7.7	6.7	4.3	7.3	6.0	5.9
007 (DSB)	5.3	5.7	8.0	7.0	4.7	5.3	7.0	7.0	6.0	5.7	5.3	5.7	5.8
T-1	8.3	3.0	6.7	6.3	3.7	5.7	7.0	5.7	6.0	5.3	6.3	4.3	5.5
BENGAL	5.3	3.3	5.7	5.7	4.3	4.7	5.0	5.0	5.0	6.3	5.7	6.7	5.3
MEMORIAL (A03-EDI)	4.3	5.3	4.7	5.0	4.7	5.3	5.7	4.7	5.3	5.7	4.7	6.3	5.3
LS-44	6.3	4.0	5.7	5.3	5.0	6.0	6.0	5.0	4.0	3.7	5.7	4.7	5.0
IS-AP 9	6.3	4.3	7.3	7.0	5.0	5.3	6.7	5.3	4.0	4.3	5.0	3.3	4.9
BENCHMARK DSR	6.3	5.0	6.7	6.7	4.0	4.3	4.5	4.7	5.3	5.3	4.3	5.3	4.8
13-M	4.7	3.7	5.3	5.0	3.7	4.3	5.0	5.3	4.3	5.0	4.0	5.7	4.7
KINGPIN (9200)	6.7	5.0	6.0	5.7	4.7	4.7	4.3	4.3	5.3	4.7	4.7	4.7	4.7
ALPHA	6.7	2.3	5.3	5.3	3.0	4.0	5.7	4.3	4.3	4.0	4.3	4.0	4.2
PENNLINKS II	5.3	2.3	3.3	3.7	3.3	4.7	4.3	3.0	1.7	3.3	3.0	2.7	3.3
PENNCROSS	4.0	1.7	1.7	1.0	2.3	3.7	3.0	1.7	1.0	1.7	1.3	2.3	2.1
LSD VALUE	1.3	2.0	1.3	1.0	1.6	1.5	1.7	1.4	1.6	1.9	1.6	1.5	0.9
C.V. (%)	14.8	27.9	12.2	9.7	19.7	16.2	15.9	14.7	18.2	20.8	17.6	16.2	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 14.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT LAS CRUCES, NM 1/
2005 DATA

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

NAME	GENETIC	SPRING	DENSITY	QUALITY RATINGS												MEAN
	COLOR	GREENUP	SUMMER	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
PENNCROSS	6.0	4.3	8.7	3.0	4.0	5.7	6.0	7.0	7.0	7.0	7.0	6.3	5.0	5.0	3.0	5.5
AUTHORITY (235050)	6.7	3.3	7.0	3.0	3.7	4.3	6.3	6.7	7.3	7.0	6.7	7.0	5.0	4.0	3.0	5.3
INDEPENDENCE	7.0	2.0	9.0	3.0	3.0	4.3	5.0	6.0	7.0	7.7	8.0	8.0	5.0	4.0	3.0	5.3
LS-44	7.0	4.3	6.7	2.7	4.0	5.3	5.7	6.3	6.0	6.7	6.7	6.3	5.7	4.7	3.3	5.3
13-M	7.0	2.7	8.0	2.7	3.3	4.7	5.0	6.3	6.7	7.3	7.3	7.7	4.7	4.0	2.7	5.2
T-1	7.0	3.7	8.3	2.7	3.3	5.0	5.3	6.0	6.7	8.0	7.7	7.0	4.7	3.7	2.7	5.2
ALPHA	6.3	3.7	8.3	2.3	3.0	4.7	6.0	6.7	6.3	7.3	7.3	7.3	4.3	3.7	2.3	5.1
BENCHMARK DSR	7.0	3.3	8.3	2.7	3.0	5.0	5.7	6.3	6.7	6.7	7.0	6.7	4.7	4.0	2.7	5.1
DECLARATION	6.7	2.0	8.7	2.7	3.0	4.7	5.0	5.7	6.3	7.3	7.7	7.3	4.7	3.7	2.7	5.1
BENGAL	6.0	4.3	6.3	3.0	4.3	5.3	5.3	5.7	6.7	6.7	6.0	5.7	5.0	3.3	3.0	5.0
MEMORIAL (A03-EDI)	6.3	3.3	8.3	3.0	2.7	5.0	6.0	5.7	6.0	6.7	6.7	6.0	5.0	4.3	3.0	5.0
KINGPIN (9200)	6.7	3.0	7.7	2.3	3.3	4.7	6.0	6.0	6.7	7.0	6.7	5.7	4.7	3.3	2.3	4.9
CY-2	6.0	3.0	7.7	1.7	3.0	4.0	6.0	6.3	6.7	7.0	7.0	6.3	4.0	4.3	1.7	4.8
PENNLINKS II	7.0	2.3	8.7	2.3	2.3	4.0	6.0	5.7	6.3	7.0	7.0	6.0	5.0	3.3	2.3	4.8
MACKENZIE (SRX 1GPD)	6.0	2.7	9.0	2.3	2.3	4.3	5.3	6.3	6.7	7.0	5.7	5.7	4.3	3.7	2.3	4.7
SHARK (23R)	5.0	3.3	9.0	2.7	3.0	4.7	6.0	5.3	5.3	5.3	5.7	5.7	4.7	3.7	2.7	4.6
007 (DSB)	5.7	2.3	9.0	2.3	2.3	4.0	5.3	5.0	6.0	7.0	6.7	5.7	4.3	3.3	2.3	4.5
PENN A-1	6.0	3.0	6.3	2.3	3.0	3.7	4.7	5.3	5.7	6.3	6.0	5.7	4.7	3.7	2.3	4.4
LEGENDARY	4.0	2.7	8.7	2.0	3.0	4.0	5.3	6.0	5.3	5.3	5.0	6.0	4.0	3.3	2.0	4.3
TYEE (SRX 1GD)	6.0	3.0	8.7	2.0	2.0	2.7	5.3	5.3	5.7	6.3	6.7	6.0	4.3	3.3	2.0	4.3
IS-AP 9	6.0	3.7	6.7	2.0	3.0	4.7	5.3	5.0	5.7	5.7	6.0	4.3	4.0	2.7	2.0	4.2
GREENWICH	5.0	2.7	7.3	2.3	2.3	2.7	4.3	5.0	5.7	6.3	5.7	5.3	4.3	3.3	2.3	4.1
VILLA (IS-AC 1)	5.3	4.0	3.7	2.3	2.7	3.3	4.7	4.3	5.0	5.3	4.7	4.7	4.7	3.7	2.3	4.0
VENUS (EFD)	3.7	3.3	5.7	2.0	2.3	3.3	4.3	4.3	4.7	4.7	4.0	4.0	4.7	3.7	2.0	3.7
VESPER	4.0	2.7	6.3	2.0	2.0	3.7	3.7	4.3	4.7	5.0	5.0	4.7	4.0	2.7	2.0	3.6
SR 7200	5.0	4.0	3.0	1.3	2.0	3.0	4.0	4.7	4.7	5.3	4.3	4.7	3.3	2.3	1.3	3.4
LSD VALUE	1.5	2.6	3.4	1.9	1.2	2.8	1.1	1.5	1.0	0.9	1.2	0.8	1.5	1.3	1.9	0.7
C.V. (%)	14.4	31.3	23.2	28.0	21.9	26.3	12.2	14.2	10.2	9.2	12.2	9.1	14.0	18.1	28.5	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).

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

TABLE 15. MEAN TURFGRASS QUALITY RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT ITHACA, NY 1/
2005 DATA

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

NAME	QUALITY RATINGS							MEAN
	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
VENUS (EFD)	6.7	6.7	7.3	7.3	7.3	7.3	7.0	7.1
INDEPENDENCE	7.3	7.3	7.0	7.0	7.3	7.3	6.7	7.1
13-M	7.3	7.3	6.7	6.7	7.3	7.3	6.3	7.0
AUTHORITY (235050)	6.7	6.7	7.0	7.0	7.7	7.7	6.3	7.0
ALPHA	6.7	6.7	7.3	7.3	7.0	7.0	6.7	7.0
BENCHMARK DSR	6.7	6.7	7.3	7.3	7.3	7.3	6.3	7.0
DECLARATION	6.3	6.3	7.3	7.3	7.7	7.7	6.7	7.0
GREENWICH	6.3	6.3	7.3	7.3	7.7	7.7	6.7	7.0
LS-44	6.7	6.7	7.3	7.3	7.3	7.3	6.7	7.0
PENNCROSS	6.7	6.7	7.3	7.3	7.0	7.0	7.0	7.0
SR 7200	6.3	6.3	7.0	7.0	7.7	7.7	6.7	7.0
T-1	7.3	7.3	6.7	6.7	7.3	7.3	6.3	7.0
PENN A-1	6.7	6.7	7.0	7.0	7.3	7.3	6.3	6.9
PENNLINKS II	6.7	6.7	7.0	7.0	7.0	7.0	6.7	6.9
BENGAL	6.3	6.3	7.0	7.0	7.3	7.3	6.3	6.8
MEMORIAL (A03-EDI)	6.3	6.3	7.0	7.0	7.3	7.3	6.3	6.8
TYEE (SRX 1GD)	6.3	6.3	7.0	7.0	7.3	7.3	6.0	6.8
IS-AP 9	6.3	6.3	6.7	6.7	7.3	7.3	6.0	6.7
SHARK (23R)	6.3	6.3	6.7	6.7	7.3	7.3	6.3	6.7
007 (DSB)	6.7	6.7	6.3	6.3	7.0	7.0	6.3	6.6
CY-2	6.3	6.3	6.7	6.7	7.0	7.0	6.3	6.6
LEGENDARY	6.3	6.3	6.7	6.7	7.0	7.0	6.0	6.6
VILLA (IS-AC 1)	6.3	6.3	6.7	6.7	7.0	7.0	6.3	6.6
MACKENZIE (SRX 1GPD)	6.3	6.3	6.7	6.7	6.7	6.7	6.3	6.5
VESPER	6.7	6.7	6.3	6.3	6.7	6.7	6.3	6.5
KINGPIN (9200)	6.0	6.0	6.3	6.3	6.7	6.7	6.0	6.3
LSD VALUE	1.8	1.8	2.3	2.3	2.5	2.5	1.9	1.4
C.V. (%)	8.7	8.7	9.4	9.4	9.1	9.1	8.3	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 16. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT FARMINGDALE (REDUCED FUNGICIDES), NY 1/
2005 DATA

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

NAME	LEAF	QUALITY RATINGS							MEAN
	TEXTURE	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
13-M	7.0	7.0	7.0	6.7	6.3	5.3	5.0	6.0	6.2
DECLARATION	6.0	6.3	6.3	6.0	6.7	5.7	5.7	6.7	6.2
PENNCROSS	6.3	6.3	6.3	6.3	7.0	6.0	5.3	6.3	6.2
VENUS (EFD)	6.0	6.0	6.0	6.0	7.0	6.0	5.3	6.3	6.1
INDEPENDENCE	6.3	6.3	6.3	6.3	6.7	5.7	5.3	6.3	6.1
AUTHORITY (235050)	6.3	6.3	6.3	6.3	6.3	5.3	5.0	6.0	6.0
ALPHA	6.0	6.0	6.0	6.0	6.7	5.7	5.3	6.3	6.0
GREENWICH	5.7	6.0	6.0	5.7	6.7	5.7	5.3	6.3	6.0
LS-44	6.0	6.0	6.0	6.0	6.7	5.7	5.3	6.3	6.0
PENNLINKS II	6.3	6.3	6.3	6.3	6.7	5.7	5.0	6.0	6.0
T-1	6.3	6.3	6.3	6.3	6.3	5.3	5.0	6.0	6.0
VESPER	6.3	6.3	6.3	6.3	6.3	5.3	5.0	6.0	6.0
007 (DSB)	6.0	6.3	6.3	6.0	6.3	5.3	5.0	6.0	5.9
BENCHMARK DSR	6.0	6.0	6.0	6.0	6.3	5.3	5.3	6.3	5.9
SHARK (23R)	5.7	6.0	6.0	5.7	6.3	5.3	5.3	6.3	5.9
SR 7200	6.0	6.0	6.0	6.0	6.7	5.7	5.0	6.0	5.9
BENGAL	6.0	6.0	6.0	6.0	6.3	5.3	5.0	6.0	5.8
CY-2	6.0	6.0	6.0	6.0	6.3	5.3	5.0	6.0	5.8
MACKENZIE (SRX 1GPD)	5.7	6.0	6.0	5.7	6.3	5.3	5.0	6.0	5.8
MEMORIAL (A03-EDI)	5.3	6.0	6.0	5.3	6.3	5.3	5.3	6.3	5.8
PENN A-1	5.7	6.0	6.0	5.7	6.3	5.7	5.0	6.0	5.8
VILLA (IS-AC 1)	5.7	6.0	6.0	5.7	6.3	5.3	5.0	6.0	5.8
IS-AP 9	6.0	6.0	6.0	6.0	6.0	5.0	5.0	6.0	5.7
KINGPIN (9200)	6.0	6.0	6.0	6.0	6.0	5.0	5.0	6.0	5.7
LEGENDARY	6.0	6.0	6.0	6.0	6.0	5.0	5.0	6.0	5.7
TYEE (SRX 1GD)	6.0	6.0	6.0	6.0	6.0	5.0	5.0	6.0	5.7
LSD VALUE	1.4	1.1	1.1	1.4	1.9	1.6	1.5	1.5	0.9
C.V. (%)	8.4	6.1	6.1	7.9	8.3	9.2	7.9	6.6	4.8

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 17.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT STILLWATER, OK 1/
2005 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	DEC	
TYEE (SRX 1GD)	5.3	7.3	7.0	8.3	8.7	9.0	8.7	8.7	9.0	8.7	8.7	8.1
PENN A-1	5.0	6.7	7.0	7.0	8.3	8.3	8.7	9.0	9.0	9.0	9.0	7.9
SHARK (23R)	5.3	6.3	7.3	8.3	8.0	8.7	8.7	8.7	9.0	8.3	8.7	7.9
CY-2	5.3	7.0	7.0	7.7	8.7	8.3	7.7	8.0	9.0	8.3	9.0	7.8
AUTHORITY (235050)	5.0	6.3	7.3	7.7	8.3	8.3	8.7	7.3	9.0	8.3	8.3	7.7
MACKENZIE (SRX 1GPD)	4.7	6.3	7.0	7.7	8.7	7.7	7.7	7.7	8.7	8.3	9.0	7.6
DECLARATION	5.3	5.7	6.7	7.7	7.3	8.0	7.3	8.0	9.0	9.0	8.7	7.5
INDEPENDENCE	5.0	5.7	6.7	6.7	7.7	8.0	7.3	7.7	9.0	8.3	8.0	7.3
KINGPIN (9200)	4.3	6.0	6.7	7.3	8.0	7.0	6.3	7.0	9.0	8.7	9.0	7.2
LS-44	4.3	6.0	7.3	7.7	7.7	7.3	8.0	8.3	9.0	7.3	6.7	7.2
007 (DSB)	4.7	5.7	6.7	7.3	7.3	6.3	7.0	6.0	9.0	9.0	8.7	7.1
BENGAL	5.0	6.0	6.7	7.0	7.3	7.0	8.3	8.3	8.0	6.3	6.7	7.0
ALPHA	4.7	5.7	6.7	6.3	6.0	7.3	7.0	7.0	8.7	8.3	8.7	6.9
BENCHMARK DSR	4.0	5.7	6.0	6.7	7.0	6.7	7.0	7.7	8.7	8.0	9.0	6.9
MEMORIAL (A03-EDI)	4.7	6.0	6.3	7.0	7.0	6.3	6.7	7.3	8.7	7.0	8.0	6.8
IS-AP 9	3.7	5.3	6.0	6.7	7.7	7.0	7.3	8.3	9.0	7.0	5.7	6.7
13-M	4.3	5.7	6.0	6.0	7.0	6.3	6.3	6.3	8.0	7.3	8.3	6.5
T-1	4.3	5.7	6.0	5.7	6.3	5.7	6.3	7.7	8.3	8.0	8.0	6.5
PENNLINKS II	4.0	5.0	5.7	5.7	6.3	5.7	6.0	7.3	7.7	6.0	6.7	6.0
PENNCROSS	3.3	4.7	5.3	4.3	5.3	4.3	4.7	5.0	7.0	6.7	5.3	5.1
VESPER	6.3	6.7	6.7	6.3	7.7	5.0	4.0	4.0	3.0	3.3	3.0	5.1
GREENWICH	6.7	6.7	6.3	6.7	7.3	5.3	5.7	4.3	3.0	1.0	1.3	4.9
LEGENDARY	6.0	6.7	6.7	5.7	7.0	6.3	4.7	5.0	3.0	1.0	1.0	4.8
VENUS (EFD)	6.3	6.0	6.3	7.0	6.0	5.0	4.0	4.3	2.7	2.3	2.0	4.7
VILLA (IS-AC 1)	5.3	5.7	6.7	5.7	6.7	5.0	4.7	5.3	2.7	1.7	1.7	4.6
SR 7200	5.7	5.3	6.0	5.3	5.7	3.7	3.0	4.0	3.3	2.0	2.3	4.2
LSD VALUE	1.1	3.1	1.9	1.8	1.9	2.2	2.0	2.1	1.3	1.3	1.2	0.9
C.V. (%)	13.2	17.1	11.2	14.6	13.9	18.9	18.9	18.2	11.8	13.1	12.8	9.3

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

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

TABLE 17. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
 (CONT'D) 2003 NATIONAL BENTGRASS (GREENS) TEST AT STILLWATER, OK 1/
 2005 DATA

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

NAME	GENETIC	LEAF	DENSITY	PERCENT	PERCENT	PERCENT	WINTER
	COLOR	TEXTURE	SUMMER	COVER	COVER	COVER	
				SPRING	SUMMER	FALL	COLOR
TYEE (SRX 1GD)	7.3	8.3	9.0	99.0	99.0	99.0	5.0
PENN A-1	8.3	8.0	8.7	98.7	98.0	98.7	5.0
SHARK (23R)	8.0	8.0	8.3	98.3	98.7	99.0	5.0
CY-2	6.3	7.3	7.7	99.0	98.3	99.0	4.7
AUTHORITY (235050)	7.7	7.7	8.3	98.7	98.7	99.0	5.0
MACKENZIE (SRX 1GPD)	6.0	7.7	8.7	98.3	98.7	98.3	4.0
DECLARATION	7.3	8.0	7.3	97.3	97.3	96.7	5.3
INDEPENDENCE	8.0	7.7	7.7	98.0	97.3	98.3	4.3
KINGPIN (9200)	8.3	7.3	6.3	97.7	97.3	98.7	5.0
LS-44	8.0	7.7	8.0	98.7	97.7	97.3	5.0
007 (DSB)	8.0	7.7	7.7	97.3	97.7	98.7	5.7
BENGAL	8.0	7.3	7.7	98.0	97.7	95.0	5.0
ALPHA	7.0	6.7	7.3	97.7	97.0	98.0	4.7
BENCHMARK DSR	8.0	8.0	7.7	97.3	96.7	97.7	4.3
MEMORIAL (A03-EDI)	8.0	7.3	7.3	98.0	96.0	96.3	5.0
IS-AP 9	8.3	7.0	7.3	97.3	95.7	94.7	5.0
13-M	7.3	7.0	6.7	97.7	96.3	98.3	5.0
T-1	9.0	7.7	7.0	97.3	95.3	97.3	5.0
PENNLINKS II	7.0	6.3	5.7	98.3	97.0	91.7	4.3
PENNCROSS	6.7	5.7	5.0	95.0	94.0	88.3	4.0
VESPER	6.3	9.0	6.3	98.0	94.3	76.7	7.0
GREENWICH	5.0	9.0	8.0	98.7	95.7	51.7	7.0
LEGENDARY	5.7	9.0	8.3	98.3	97.0	51.7	7.0
VENUS (EFD)	6.3	9.0	8.0	97.7	94.3	70.0	7.0
VILLA (IS-AC 1)	5.0	9.0	8.3	97.3	95.0	53.3	7.0
SR 7200	6.0	9.0	5.7	97.0	90.0	69.3	7.0
LSD VALUE	0.8	0.7	2.0	3.1	2.7	12.6	0.4
C.V. (%)	7.6	6.2	14.3	1.2	1.7	9.3	5.5

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 18.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT UNIVERSITY PARK, PA 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SUMMER	BROWN PATCH		QUALITY RATINGS						MEAN	
				WARM TEMP.		APR	MAY	JUN	JUL	AUG	SEP		OCT
SHARK (23R)	8.3	8.0	8.7	7.7		7.3	8.7	9.0	8.0	8.0	8.0	9.0	8.3
TYEE (SRX 1GD)	8.3	7.3	9.0	9.0		8.0	8.7	8.3	7.3	7.7	8.7	8.7	8.2
MACKENZIE (SRX 1GPD)	7.7	7.7	8.3	9.0		8.0	9.0	8.3	7.0	7.7	8.0	8.3	8.0
AUTHORITY (235050)	9.0	7.7	8.0	6.3		7.3	8.3	8.0	6.7	7.7	8.0	8.3	7.8
007 (DSB)	8.3	8.0	8.0	8.0		8.0	8.3	8.0	7.0	6.7	7.3	8.0	7.6
PENN A-1	8.0	6.3	7.7	7.3		7.0	8.0	8.0	6.3	6.7	7.7	8.3	7.4
DECLARATION	8.0	6.0	8.0	8.0		7.0	8.3	8.0	5.7	7.0	6.3	7.7	7.1
INDEPENDENCE	8.3	6.3	7.7	8.0		6.7	7.3	7.0	6.3	6.7	7.0	7.7	7.0
IS-AP 9	8.3	6.3	8.0	7.7		7.0	7.3	7.3	5.7	6.3	7.3	7.3	6.9
CY-2	7.3	6.0	8.0	7.7		6.0	7.0	6.7	5.7	7.0	7.7	7.3	6.8
KINGPIN (9200)	8.0	7.0	7.7	7.0		7.0	7.0	7.0	5.3	6.7	7.0	7.0	6.7
T-1	9.0	6.3	7.0	8.7		6.7	6.7	6.7	6.0	6.3	7.3	7.0	6.7
BENGAL	8.7	6.0	7.3	6.0		6.0	6.0	7.3	5.7	6.7	7.3	7.0	6.6
BENCHMARK DSR	7.7	6.7	7.7	7.3		6.7	6.7	6.7	5.7	5.7	7.3	7.0	6.5
13-M	7.7	6.0	7.0	8.7		6.0	6.7	6.3	5.7	6.3	7.0	7.0	6.4
MEMORIAL (A03-EDI)	7.0	7.0	7.0	8.3		6.7	6.3	6.3	6.0	6.3	6.7	6.7	6.4
ALPHA	8.0	6.3	6.7	7.7		7.0	6.7	6.3	5.7	5.7	6.3	6.7	6.3
LS-44	8.7	5.7	7.0	8.0		6.3	6.3	5.7	5.7	5.7	6.7	6.3	6.1
LEGENDARY	6.0	7.0	9.0	9.0		6.0	7.7	6.7	4.3	4.3	6.0	5.3	5.8
VILLA (IS-AC 1)	6.0	7.7	9.0	9.0		6.3	7.7	6.7	4.0	4.0	5.7	4.3	5.5
GREENWICH	6.0	7.0	8.7	9.0		6.7	7.3	5.7	3.3	4.7	5.3	4.0	5.3
VENUS (EFD)	6.0	7.0	9.0	9.0		6.3	6.0	6.3	4.3	3.7	5.3	3.7	5.1
PENNLINKS II	8.3	5.0	5.7	4.7		5.0	5.0	5.0	4.0	4.7	6.0	5.3	5.0
VESPER	6.0	7.0	8.7	9.0		6.3	6.0	5.7	4.0	3.3	4.7	3.0	4.7
PENNCROSS	7.7	4.3	5.0	7.3		4.7	4.0	4.3	4.0	4.0	5.0	4.3	4.3
SR 7200	5.7	6.0	9.0	9.0		5.7	5.0	4.0	2.7	2.3	5.0	3.3	4.0
LSD VALUE	0.7	0.9	0.6	1.6		0.6	1.2	1.0	0.8	0.9	0.7	1.2	0.4
C.V. (%)	6.2	8.4	4.8	11.9		6.0	11.3	9.3	9.3	10.4	6.8	12.3	4.5

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 19.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT QUEBEC CITY (CANADA), QE 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	QUALITY RATINGS						MEAN
							MAY	JUN	JUL	AUG	SEP	OCT	
T-1	8.0	7.3	7.3	9.0	9.0	9.0	7.7	7.3	8.3	8.3	9.0	7.3	8.0
INDEPENDENCE	7.7	7.7	7.0	9.0	9.0	9.0	7.7	7.3	8.0	8.3	8.3	7.3	7.8
AUTHORITY (235050)	7.7	6.7	8.0	9.0	9.0	9.0	6.7	7.0	7.7	8.7	8.7	7.7	7.7
KINGPIN (9200)	8.0	7.7	7.3	9.0	9.0	9.0	8.0	7.0	8.0	8.0	8.7	6.7	7.7
LEGENDARY	7.0	8.7	7.7	9.0	9.0	9.0	7.7	7.0	7.7	8.3	8.0	7.3	7.7
CY-2	7.3	7.0	7.0	9.0	9.0	9.0	7.3	6.7	8.0	8.0	8.0	7.3	7.6
MACKENZIE (SRX 1GPD)	7.3	6.3	7.0	9.0	9.0	9.0	7.3	6.7	8.0	8.0	8.3	7.0	7.6
PENN A-1	7.3	6.3	7.3	9.0	9.0	9.0	7.3	7.0	8.0	8.3	8.0	7.0	7.6
SR 7200	7.0	8.0	7.7	9.0	9.0	9.0	7.3	6.7	8.0	8.0	8.3	7.0	7.6
TYEE (SRX 1GD)	7.7	7.3	7.3	9.0	8.3	9.0	7.3	7.3	7.7	8.3	8.0	7.0	7.6
007 (DSB)	7.3	8.3	7.3	9.0	9.0	9.0	8.0	6.7	8.0	7.7	8.3	6.3	7.5
LS-44	7.3	7.0	7.3	9.0	8.7	9.0	7.7	6.7	7.7	8.0	8.3	6.7	7.5
VILLA (IS-AC 1)	7.0	7.7	8.0	9.0	9.0	9.0	7.3	6.7	7.7	8.0	8.0	7.3	7.5
VESPER	7.0	8.0	7.3	9.0	9.0	9.0	7.0	6.3	7.7	8.0	8.3	7.0	7.4
BENCHMARK DSR	8.0	6.3	7.0	9.0	9.0	9.0	7.0	6.3	7.7	8.0	8.0	7.0	7.3
PENNLINKS II	8.0	8.0	6.7	9.0	9.0	8.3	7.3	7.0	7.3	7.7	7.7	7.0	7.3
SHARK (23R)	7.7	6.3	7.3	8.7	9.0	9.0	7.0	6.0	7.3	8.0	8.3	7.0	7.3
BENGAL	7.7	7.0	6.7	9.0	8.7	8.7	7.3	6.7	7.0	7.3	7.7	7.0	7.2
DECLARATION	7.0	6.3	7.3	9.0	8.3	9.0	6.7	6.3	7.7	7.7	8.0	7.0	7.2
VENUS (EFD)	7.3	7.7	7.7	9.0	9.0	9.0	7.0	6.0	7.0	7.3	8.0	7.7	7.2
ALPHA	7.7	6.7	7.0	9.0	9.0	9.0	6.3	5.7	7.3	7.3	8.0	7.7	7.1
IS-AP 9	8.0	6.0	7.0	9.0	9.0	8.7	6.3	6.0	7.3	8.0	8.3	6.3	7.1
13-M	7.7	7.0	6.7	8.7	8.7	9.0	7.0	6.3	7.0	7.3	7.7	6.7	7.0
PENNCROSS	7.3	8.0	6.7	9.0	7.7	8.0	7.7	6.7	7.0	7.0	7.0	6.7	7.0
GREENWICH	7.3	7.3	7.3	9.0	9.0	9.0	6.3	6.0	7.0	7.3	7.7	7.0	6.9
MEMORIAL (A03-EDI)	7.0	7.3	7.7	9.0	9.0	9.0	6.7	6.0	7.0	7.3	7.7	6.3	6.8
LSD VALUE	0.9	2.0	1.3	0.5	1.1	0.3	2.7	3.0	3.1	2.9	1.4	1.3	2.0
C.V. (%)	5.8	12.5	7.2	1.8	5.0	2.2	11.7	13.3	11.2	10.4	6.9	7.5	7.9

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

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

TABLE 20. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT BROOKINGS, SD 1/
2005 DATA

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

NAME	GENETIC	SPRING	DENSITY	QUALITY RATINGS						MEAN
	COLOR	GREENUP	SUMMER	MAY	JUN	JUL	AUG	SEP	OCT	
MACKENZIE (SRX 1GPD)	6.0	6.7	7.0	7.0	6.3	6.0	8.0	7.3	7.7	7.1
KINGPIN (9200)	7.0	7.0	7.3	6.0	7.0	6.7	7.3	7.0	6.7	6.8
13-M	6.3	6.7	7.0	6.3	6.0	5.7	7.7	7.3	7.0	6.7
AUTHORITY (235050)	6.3	6.7	6.3	5.7	6.7	7.0	7.0	6.3	7.3	6.7
MEMORIAL (A03-EDI)	6.0	7.3	6.7	6.0	7.0	6.7	7.0	7.0	6.3	6.7
CY-2	6.3	7.0	6.3	5.7	6.7	6.3	6.7	6.3	7.7	6.6
LS-44	7.0	7.0	5.3	6.3	6.3	6.7	7.3	6.0	6.7	6.6
SHARK (23R)	6.3	7.3	6.0	6.0	7.0	7.0	6.7	5.7	7.3	6.6
BENCHMARK DSR	7.0	7.3	6.7	5.7	6.7	6.3	6.7	6.3	7.0	6.4
BENGAL	6.3	6.3	6.0	5.7	6.7	6.3	6.7	6.7	6.3	6.4
IS-AP 9	7.7	6.3	5.3	5.7	7.0	6.7	6.3	6.3	6.3	6.4
VENUS (EFD)	5.0	5.0	5.3	6.0	7.0	7.0	6.7	6.0	5.3	6.3
LEGENDARY	5.7	5.3	5.3	5.7	7.0	6.7	6.7	6.0	6.0	6.3
PENN A-1	6.0	6.0	4.7	6.3	6.7	6.7	6.7	5.0	6.7	6.3
SR 7200	5.7	5.0	5.3	6.0	7.3	6.7	6.3	6.0	5.7	6.3
T-1	7.7	6.3	7.7	5.3	6.0	5.3	6.7	7.0	7.3	6.3
VILLA (IS-AC 1)	5.0	6.0	5.3	6.0	6.7	7.0	7.0	5.7	5.3	6.3
007 (DSB)	6.0	7.3	4.3	5.7	7.3	7.0	6.0	5.0	6.0	6.2
DECLARATION	6.0	7.7	5.0	6.7	7.0	7.3	5.7	4.7	6.0	6.2
INDEPENDENCE	6.7	6.7	7.0	4.3	6.7	6.3	6.7	6.3	6.7	6.2
PENNLINKS II	7.0	6.3	7.7	5.7	6.0	5.7	6.7	7.0	6.3	6.2
ALPHA	7.0	6.7	6.0	5.3	6.3	6.0	6.0	6.3	6.7	6.1
PENNCROSS	7.0	6.3	6.7	4.7	6.3	5.3	8.0	6.3	6.0	6.1
GREENWICH	6.0	5.0	4.7	5.7	6.3	6.7	6.7	5.3	5.3	6.0
TYEE (SRX 1GD)	6.7	6.0	4.7	5.3	6.0	6.0	6.3	4.7	7.0	5.9
VESPER	5.7	5.0	5.0	5.0	7.0	6.3	7.0	5.3	5.0	5.9
LSD VALUE	0.6	0.9	1.6	1.9	2.1	1.5	1.1	1.5	1.2	0.9
C.V. (%)	6.2	9.0	15.2	13.7	10.2	10.6	8.5	13.0	10.3	5.8

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

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

TABLE 21. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT DALLAS, TX 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL
MEMORIAL (A03-EDI)	6.7	7.0	7.3	6.7	6.7	7.3
13-M	6.7	7.0	6.7	6.3	7.0	7.3
CY-2	6.7	6.7	7.0	5.7	6.7	6.3
007 (DSB)	6.0	7.0	8.0	5.7	6.0	6.7
DECLARATION	7.0	7.0	7.7	5.3	6.3	6.7
KINGPIN (9200)	6.3	7.3	7.0	6.3	6.0	6.7
MACKENZIE (SRX 1GPD)	6.0	7.3	7.3	6.0	6.7	6.7
TYEE (SRX 1GD)	6.7	7.3	7.0	6.3	6.3	6.7
AUTHORITY (235050)	6.7	6.3	8.0	5.3	5.3	6.7
BENCHMARK DSR	7.3	6.7	7.0	6.0	6.7	6.7
IS-AP 9	6.3	7.3	7.3	5.7	6.0	7.3
T-1	7.0	7.7	7.3	5.7	5.7	6.3
BENGAL	6.0	7.0	7.3	6.0	5.7	7.3
SHARK (23R)	5.7	7.0	5.3	6.0	5.0	6.3
PENN A-1	7.3	6.7	7.0	5.3	6.0	6.0
ALPHA	5.7	7.0	6.7	5.7	6.3	6.3
LS-44	6.3	7.7	6.3	5.7	5.7	6.7
PENNLINKS II	6.0	7.0	6.3	6.7	6.3	7.0
INDEPENDENCE	6.7	7.0	7.7	5.7	6.0	6.3
SR 7200	7.0	7.0	6.3	5.7	6.0	6.7
GREENWICH	5.7	7.0	7.0	5.0	6.0	6.7
PENNCROSS	5.7	7.0	5.7	6.3	5.7	6.0
VESPER	6.0	7.3	6.7	5.0	6.7	7.3
LEGENDARY	6.3	7.0	6.7	4.7	5.3	6.7
VENUS (EFD)	6.0	7.0	7.0	4.7	5.3	6.3
VILLA (IS-AC 1)	6.0	7.0	7.3	4.7	6.7	6.3
LSD VALUE	1.0	1.4	3.8	2.0	1.2	1.8
C.V. (%)	8.3	6.7	16.5	14.2	9.9	9.4

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

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

TABLE 21.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT DALLAS, TX 1/
2005 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	
MEMORIAL (A03-EDI)	6.7	7.0	7.0	6.7	6.7	7.0	6.7	6.7	6.7	6.3	7.0	7.0	6.8
13-M	7.0	7.3	6.3	6.7	7.0	6.7	7.0	5.7	6.3	6.3	6.7	6.7	6.6
CY-2	6.7	6.7	6.0	6.7	6.0	7.3	6.3	6.3	6.7	6.0	6.3	6.7	6.5
007 (DSB)	7.0	5.7	6.3	6.3	6.7	6.0	6.0	6.3	6.7	6.0	7.0	6.7	6.4
DECLARATION	6.7	7.0	6.0	6.7	6.7	5.7	6.7	6.0	6.3	6.0	6.3	7.0	6.4
KINGPIN (9200)	6.7	6.7	6.7	6.3	7.3	5.7	6.0	6.0	6.3	6.3	7.0	6.3	6.4
MACKENZIE (SRX 1GPD)	6.3	6.3	6.0	6.3	6.7	5.7	6.0	6.0	7.0	6.3	6.7	6.7	6.3
TYEE (SRX 1GD)	6.0	6.3	6.0	6.3	6.7	6.3	6.3	6.0	7.0	6.3	6.3	6.3	6.3
AUTHORITY (235050)	6.3	6.3	5.7	5.7	7.0	6.0	5.7	6.0	6.7	6.7	6.3	6.3	6.2
BENCHMARK DSR	6.0	6.3	5.3	6.0	6.3	5.7	6.3	6.3	6.7	6.3	6.3	6.3	6.2
IS-AP 9	6.0	6.0	5.3	6.3	6.7	6.3	6.0	5.7	6.3	7.0	6.7	6.3	6.2
T-1	6.0	6.0	6.0	6.3	6.7	6.0	6.0	6.0	6.3	6.0	6.0	6.7	6.2
BENGAL	6.0	6.0	6.0	6.0	6.7	6.3	6.0	5.3	6.3	6.3	6.0	6.3	6.1
SHARK (23R)	7.0	6.7	6.3	6.0	6.7	5.7	5.3	5.7	6.3	6.0	6.0	6.0	6.1
PENN A-1	5.3	5.3	5.3	6.0	6.3	6.0	6.3	6.0	6.3	6.3	6.3	6.7	6.0
ALPHA	5.3	6.0	5.7	6.0	6.3	6.0	5.7	6.0	6.3	6.0	6.0	6.0	5.9
LS-44	5.7	5.7	5.7	6.0	6.3	5.7	5.7	5.7	6.0	6.0	6.0	6.7	5.9
PENNLINKS II	5.7	5.7	6.0	6.3	5.7	5.3	5.7	5.3	6.3	6.3	6.0	6.0	5.9
INDEPENDENCE	6.0	6.0	5.7	6.0	6.3	5.3	5.3	5.7	6.0	6.3	5.7	5.7	5.8
SR 7200	5.3	5.7	5.3	5.7	6.3	5.0	5.7	6.0	5.7	6.0	6.3	6.0	5.8
GREENWICH	5.7	5.7	5.0	5.3	6.0	5.0	4.3	5.3	6.7	5.7	6.3	6.3	5.6
PENNCROSS	5.0	5.7	5.7	5.7	5.7	4.7	5.7	5.0	5.3	5.3	5.3	5.3	5.4
VESPER	4.7	5.0	5.3	5.0	6.0	4.7	4.3	5.0	6.0	6.0	6.0	6.0	5.3
LEGENDARY	5.0	5.3	5.3	4.7	5.7	4.3	4.3	5.0	5.7	5.7	6.0	5.3	5.2
VENUS (EFD)	5.0	5.3	5.0	4.7	5.0	4.3	4.3	5.0	5.7	5.7	5.3	6.0	5.1
VILLA (IS-AC 1)	5.0	5.3	4.7	5.0	6.0	5.0	4.0	4.0	5.3	5.7	6.0	5.7	5.1
LSD VALUE	1.3	1.2	1.3	1.7	1.6	0.9	0.9	1.0	1.1	2.0	0.9	0.9	0.5
C.V. (%)	12.1	10.4	11.0	12.7	10.7	9.8	9.7	9.5	8.4	10.1	7.4	7.5	5.1

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

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

TABLE 22.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT LOGAN, UT 1/
2005 DATA

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

NAME	GENETIC	SPRING	DENSITY	QUALITY RATINGS							MEAN
	COLOR	GREENUP	SUMMER	APR	MAY	JUN	JUL	AUG	SEP	OCT	
SHARK (23R)	6.3	6.3	8.3	7.3	7.0	8.0	8.7	8.7	8.3	7.3	7.9
007 (DSB)	6.7	7.0	8.7	7.7	7.7	8.0	8.7	7.7	7.7	7.3	7.8
TYEE (SRX 1GD)	6.3	6.7	8.0	7.3	7.3	8.0	8.3	8.3	8.3	7.0	7.8
IS-AP 9	6.3	5.3	7.7	7.7	7.3	7.3	7.7	7.3	7.3	7.0	7.4
MACKENZIE (SRX 1GPD)	5.3	6.7	8.3	8.0	6.3	8.3	8.7	7.3	7.7	5.7	7.4
BENCHMARK DSR	7.7	6.0	7.7	6.3	7.3	7.0	8.0	7.3	7.0	8.0	7.3
AUTHORITY (235050)	6.7	5.7	7.0	7.0	7.3	7.0	8.0	7.0	7.0	6.0	7.0
DECLARATION	6.7	5.7	7.0	6.7	7.0	6.7	7.7	7.3	7.0	6.3	7.0
INDEPENDENCE	6.7	5.3	7.3	6.7	7.0	7.0	7.3	7.7	6.0	7.0	7.0
T-1	8.0	5.3	8.0	7.0	7.0	8.0	7.7	6.7	6.3	6.3	7.0
KINGPIN (9200)	7.7	6.3	7.3	5.7	6.7	7.0	7.3	7.0	7.3	7.0	6.9
PENN A-1	6.3	5.3	7.3	6.7	7.0	7.3	7.0	6.7	5.7	7.3	6.8
ALPHA	7.3	5.0	6.7	6.7	6.3	6.7	7.3	7.3	5.3	7.0	6.7
BENGAL	6.0	5.3	7.0	7.0	7.0	6.3	7.0	6.7	6.3	6.7	6.7
LS-44	7.0	5.7	6.3	6.3	6.0	6.3	7.3	7.0	6.3	7.0	6.6
13-M	5.7	5.7	6.3	6.3	5.7	6.3	6.3	7.3	6.0	6.7	6.4
CY-2	6.0	6.0	7.3	5.3	5.3	7.0	6.7	7.3	7.0	6.3	6.4
MEMORIAL (A03-EDI)	6.0	4.3	6.7	5.7	6.0	6.3	6.3	6.0	5.7	6.3	6.0
PENNLINKS II	6.0	4.3	4.7	5.7	5.3	4.7	5.0	7.3	4.7	6.7	5.6
PENNCROSS	5.3	3.7	4.3	4.3	4.7	4.3	4.3	5.0	4.0	4.7	4.5
GREENWICH	5.0	9.0	7.0	3.0	3.0	4.7	4.3	4.7	4.0	2.7	3.8
VILLA (IS-AC 1)	4.7	7.7	6.3	2.3	3.0	2.7	2.3	3.0	3.3	2.3	2.7
VENUS (EFD)	5.0	8.3	6.0	2.3	2.3	2.7	2.3	2.7	3.3	2.3	2.6
LEGENDARY	5.0	8.7	6.0	2.3	2.0	2.7	2.7	3.0	3.0	2.0	2.5
VESPER	5.3	8.3	5.7	2.3	2.0	3.0	2.3	3.0	3.0	2.0	2.5
SR 7200	5.0	8.3	5.7	2.0	2.3	2.3	2.0	2.7	2.7	2.0	2.3
LSD VALUE	1.0	1.3	1.2	1.0	0.9	1.1	1.0	0.9	0.9	1.2	0.5
C.V. (%)	10.1	13.7	10.8	11.5	10.7	12.1	11.0	9.4	10.5	14.7	5.6

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

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

TABLE 23. MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/
2005 DATA

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

NAME	QUALITY RATINGS									MEAN
	FEB	MAR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
13-M	6.3	7.0	6.0	6.0	4.7	6.0	6.7	7.7	7.3	6.4
CY-2	6.7	7.0	6.7	5.3	5.0	6.0	6.3	6.7	6.7	6.3
DECLARATION	6.0	7.0	5.7	5.3	6.0	6.3	5.7	7.3	7.0	6.3
LS-44	6.3	7.0	5.0	6.0	6.7	6.3	5.3	6.7	7.0	6.3
MEMORIAL (A03-EDI)	6.7	6.7	6.3	5.7	5.3	5.3	6.7	7.3	7.0	6.3
MACKENZIE (SRX 1GPD)	6.0	7.0	7.0	6.0	6.0	5.0	5.7	6.7	6.3	6.2
KINGPIN (9200)	6.7	6.7	6.0	5.3	5.3	5.3	6.0	6.7	7.3	6.1
AUTHORITY (235050)	6.0	6.0	6.7	6.3	5.7	5.7	6.3	6.3	5.3	6.0
007 (DSB)	6.3	6.3	5.7	5.3	6.0	5.7	5.7	6.0	5.7	5.9
PENN A-1	5.7	5.7	6.0	5.3	5.3	5.7	5.3	6.0	6.0	5.7
TYEE (SRX 1GD)	6.0	7.0	5.3	5.3	6.7	4.3	4.3	6.3	6.3	5.7
IS-AP 9	5.3	6.3	5.0	5.0	5.0	4.7	5.0	7.0	6.7	5.6
VILLA (IS-AC 1)	6.7	6.7	5.3	4.0	5.0	6.0	4.3	7.0	5.7	5.6
ALPHA	5.7	6.3	5.3	5.3	5.7	4.0	5.0	5.7	6.7	5.5
BENCHMARK DSR	5.7	5.0	4.3	4.7	5.3	4.3	6.0	6.7	7.3	5.5
VENUS (EFD)	6.7	7.0	5.3	4.7	4.3	5.0	4.0	6.3	6.0	5.5
PENNCROSS	6.0	6.7	4.3	4.7	4.3	4.7	4.7	7.0	7.0	5.5
T-1	6.7	6.3	5.0	5.0	4.3	4.7	4.7	6.3	6.7	5.5
INDEPENDENCE	6.0	6.3	5.0	5.0	6.3	3.7	4.3	6.3	6.0	5.4
LEGENDARY	6.3	6.3	5.7	4.7	5.0	5.3	4.0	6.0	5.3	5.4
PENNLINKS II	6.0	5.7	4.0	4.3	4.0	5.0	6.0	6.7	7.3	5.4
SR 7200	6.3	6.7	4.7	4.3	4.0	6.0	4.3	6.3	6.3	5.4
GREENWICH	6.3	7.0	5.3	4.0	4.3	4.3	4.0	6.7	5.3	5.3
SHARK (23R)	6.3	6.7	6.7	4.7	5.3	4.3	4.3	4.3	5.0	5.3
BENGAL	6.0	6.3	4.7	6.0	4.7	4.3	4.0	4.7	6.0	5.2
VESPER	6.7	6.7	5.0	4.3	5.0	4.0	4.0	5.3	5.0	5.1
LSD VALUE	1.0	1.1	2.0	3.6	2.7	1.4	1.5	1.5	1.2	0.6
C.V. (%)	7.7	8.4	17.2	22.2	20.8	15.1	17.1	12.4	10.7	6.3

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 23.
(CONT'D)

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT BLACKSBURG, VA 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	FALL COLOR NOVEMBER	DOLLAR SPOT JUNE	DOLLAR SPOT AUGUST	DOLLAR SPOT SEPTEMBER	DOLLAR SPOT OCTOBER	DOLLAR SPOT NOVEMBER	BROWN PATCH JUNE	BROWN PATCH JULY
13-M	7.0	5.3	6.0	9.0	8.3	8.3	8.3	7.7	7.0	6.7
CY-2	7.0	5.7	5.3	8.3	7.3	7.0	7.7	7.3	5.7	4.7
DECLARATION	7.0	4.7	5.7	8.3	7.7	7.7	7.3	7.7	8.3	6.7
LS-44	7.0	6.7	6.0	7.3	6.3	5.7	7.3	7.0	8.0	7.3
MEMORIAL (A03-EDI)	7.0	6.0	6.3	8.7	8.0	8.0	7.3	7.7	6.3	6.7
MACKENZIE (SRX 1GPD)	7.0	6.0	5.0	9.0	7.0	6.3	7.0	6.7	8.0	8.3
KINGPIN (9200)	7.0	6.3	6.3	8.7	7.3	7.7	7.3	7.7	5.3	6.0
AUTHORITY (235050)	7.0	5.7	4.3	8.7	7.7	6.3	6.3	6.3	8.0	6.0
007 (DSB)	7.0	6.7	5.0	8.3	7.3	7.0	5.0	6.3	8.0	7.7
PENN A-1	7.0	7.3	6.7	8.3	6.7	6.0	7.3	6.7	7.0	6.3
TYEE (SRX 1GD)	7.0	6.0	5.0	6.7	5.0	4.3	7.0	6.3	6.3	8.3
IS-AP 9	7.0	8.0	6.3	6.7	6.7	6.0	7.3	7.0	6.0	5.0
VILLA (IS-AC 1)	4.3	8.0	4.3	9.0	7.7	8.0	8.7	8.0	7.7	8.7
ALPHA	7.0	7.3	6.7	7.7	5.0	5.3	5.7	7.0	7.3	7.7
BENCHMARK DSR	7.0	6.7	7.0	7.0	6.7	7.3	8.3	7.7	6.7	7.3
VENUS (EFD)	4.0	8.0	4.3	8.7	8.7	7.3	8.7	6.3	8.3	7.7
PENNCROSS	7.0	7.3	6.0	7.3	6.3	5.0	8.3	7.7	5.0	6.3
T-1	7.0	6.7	6.7	8.0	5.7	5.0	7.0	7.3	6.7	8.0
INDEPENDENCE	7.0	6.7	5.7	5.7	3.7	4.7	6.3	6.7	6.0	6.7
LEGENDARY	4.0	7.7	5.0	7.7	8.0	8.0	8.3	7.0	9.0	9.0
PENNLINKS II	7.0	7.0	5.3	8.3	7.7	7.0	6.7	7.7	5.0	5.7
SR 7200	4.0	7.3	5.0	8.3	8.0	8.3	7.7	7.3	7.7	8.7
GREENWICH	4.0	8.7	4.3	7.7	7.3	6.3	7.3	7.0	9.0	8.0
SHARK (23R)	7.0	6.7	4.7	8.0	5.7	4.3	4.0	5.0	7.0	5.7
BENGAL	7.0	6.7	5.7	7.0	5.0	3.0	4.3	6.3	8.0	7.7
VESPER	4.0	9.0	4.3	7.0	7.3	6.0	5.7	5.7	9.0	7.3
LSD VALUE	0.2	1.1	1.3	1.5	1.3	2.2	2.0	3.1	2.8	4.9
C.V. (%)	1.8	10.2	13.7	10.4	11.8	19.9	16.6	15.8	19.4	25.0

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 24.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT PUYALLUP, WA 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SUMMER	RED THREAD	BASIDIO- MYCETES DISEASE	QUALITY RATINGS												MEAN
						JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
AUTHORITY (235050)	6.0	5.7	7.0	8.0	7.7	5.3	5.0	5.3	6.0	7.3	7.3	7.0	7.3	7.0	7.0	7.0	5.7	6.4
MACKENZIE (SRX 1GPD)	5.0	5.7	7.7	8.3	6.7	5.7	5.0	6.0	5.7	7.3	7.0	7.0	6.7	6.3	6.7	6.7	5.7	6.3
VILLA (IS-AC 1)	8.0	5.0	8.3	7.0	7.3	5.7	5.0	5.0	6.3	6.7	5.7	7.3	7.3	7.0	6.3	6.7	6.7	6.3
007 (DSB)	6.7	6.0	6.7	8.7	8.3	5.7	5.0	5.0	5.7	7.0	7.0	6.7	7.3	6.3	6.7	6.3	5.7	6.2
INDEPENDENCE	6.3	5.0	7.0	8.0	8.3	5.0	5.0	5.0	6.0	6.7	7.0	6.7	7.7	6.7	7.0	6.0	5.7	6.2
SHARK (23R)	6.0	5.3	7.0	8.0	7.3	4.7	4.7	6.0	6.0	6.7	7.0	7.0	7.0	6.7	6.7	6.3	5.7	6.2
TYEE (SRX 1GD)	6.3	5.3	7.7	8.3	6.0	5.3	5.3	5.7	5.0	7.0	7.0	6.7	7.0	6.7	6.7	6.0	6.0	6.2
VENUS (EFD)	8.0	5.7	8.3	7.3	7.7	6.0	5.0	5.0	5.7	6.0	5.3	5.3	7.0	7.0	6.7	6.3	6.3	6.0
LEGENDARY	8.0	5.0	8.3	7.0	7.3	4.7	4.3	4.3	6.0	7.0	6.0	6.3	7.3	6.7	6.0	7.0	6.7	6.0
DECLARATION	6.7	5.7	7.0	8.7	8.7	5.0	5.0	5.0	5.3	7.0	6.3	6.0	7.0	6.3	6.3	6.0	5.7	5.9
ALPHA	6.7	4.7	6.3	8.0	8.7	4.7	4.7	4.7	5.7	6.3	6.7	6.3	6.7	6.7	6.7	5.7	5.0	5.8
CY-2	5.3	5.3	6.7	8.0	8.7	5.3	4.0	5.0	5.0	6.3	6.3	6.0	6.7	7.0	6.3	6.0	5.3	5.8
GREENWICH	8.0	4.7	8.0	7.0	7.3	5.0	4.7	4.7	5.3	6.3	6.7	6.3	6.7	6.0	6.0	6.3	5.7	5.8
PENN A-1	6.3	4.0	7.0	8.0	9.0	5.3	4.0	5.0	5.0	6.7	5.7	5.7	6.7	6.0	6.7	6.3	5.7	5.7
VESPER	8.0	5.3	8.0	6.7	8.3	5.0	5.0	4.3	5.3	6.3	5.7	5.7	6.0	6.3	6.3	6.0	5.3	5.6
BENCHMARK DSR	7.0	5.0	6.0	8.3	9.0	4.3	4.7	4.7	5.3	6.0	6.0	5.7	5.7	5.7	6.0	5.7	5.0	5.4
IS-AP 9	6.7	3.0	6.7	7.7	9.0	4.3	3.7	4.3	4.7	6.3	6.3	5.7	6.3	6.0	5.7	6.0	5.0	5.4
KINGPIN (9200)	7.0	5.3	6.7	8.0	9.0	4.7	4.7	4.7	4.3	5.7	6.3	6.0	5.7	5.3	6.0	5.7	5.3	5.4
T-1	7.7	4.7	6.3	7.7	8.0	4.7	4.7	4.7	5.0	6.0	5.7	5.7	6.0	5.7	5.7	6.0	5.0	5.4
13-M	6.0	4.7	6.0	8.7	8.7	4.7	4.3	4.7	5.3	6.0	5.7	5.3	5.7	6.0	6.0	5.3	4.7	5.3
BENGAL	6.7	4.7	6.0	8.0	9.0	5.0	4.7	5.0	4.7	6.0	5.7	5.3	5.7	5.7	5.7	6.0	4.7	5.3
LS-44	6.7	4.0	6.3	8.3	9.0	4.3	4.0	4.7	4.7	6.3	6.0	6.0	6.0	5.7	5.7	5.7	5.0	5.3
SR 7200	8.0	5.7	8.3	6.0	9.0	5.0	4.7	4.0	4.7	5.3	5.0	5.7	6.0	6.0	5.3	6.3	5.7	5.3
MEMORIAL (A03-EDI)	6.3	4.7	6.3	9.0	9.0	5.0	4.3	4.3	4.7	6.0	5.3	5.7	5.7	5.0	5.7	5.7	4.7	5.2
PENNLINKS II	6.7	4.0	5.7	8.3	9.0	3.7	3.7	4.0	5.0	5.3	5.0	5.0	4.7	4.7	4.7	4.3	4.0	4.5
PENNCROSS	6.3	3.3	5.0	8.7	9.0	3.0	3.0	3.7	4.0	4.3	4.0	4.7	5.3	5.3	5.0	4.7	4.0	4.3
LSD VALUE	0.7	0.6	0.8	0.8	1.5	0.8	0.9	0.7	1.2	0.9	1.1	1.1	1.0	1.1	1.2	1.0	0.9	0.4
C.V. (%)	6.3	8.6	7.4	6.4	10.0	10.4	11.0	8.7	12.1	8.9	11.1	10.4	9.1	10.2	10.4	9.2	10.0	5.1

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

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

TABLE 25.

MEAN TURFGRASS QUALITY AND OTHER RATINGS OF BENTGRASS CULTIVARS IN THE
2003 NATIONAL BENTGRASS (GREENS) TEST AT MADISON, WI 1/
2005 DATA

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

NAME	GENETIC COLOR	SPRING GREENUP	DENSITY SUMMER	DOLLAR SPOT	QUALITY RATINGS						MEAN
					MAY	JUN	JUL	AUG	SEP	OCT	
DECLARATION	6.7	6.7	8.0	8.0	7.7	8.0	8.3	8.3	8.3	8.3	8.2
CY-2	6.0	7.0	7.3	7.7	6.3	7.7	7.3	6.7	9.0	9.0	7.7
MEMORIAL (A03-EDI)	7.3	6.7	7.0	8.3	7.0	7.0	7.0	7.7	8.3	9.0	7.7
KINGPIN (9200)	8.3	4.7	7.7	7.7	5.7	6.7	7.3	7.3	7.3	8.3	7.1
MACKENZIE (SRX 1GPD)	5.3	6.0	7.7	6.3	6.0	7.0	7.3	6.7	7.0	8.3	7.1
PENN A-1	7.0	4.3	7.3	7.7	6.0	7.0	8.0	7.3	6.3	7.3	7.0
13-M	7.0	6.7	7.0	7.0	7.0	6.0	6.7	7.0	7.0	8.0	6.9
AUTHORITY (235050)	6.3	5.3	7.7	6.7	7.3	7.3	7.3	7.0	6.0	6.7	6.9
GREENWICH	5.0	5.0	7.3	8.0	5.3	7.3	7.0	7.3	7.0	7.3	6.9
IS-AP 9	7.0	6.7	7.3	7.0	5.7	6.7	7.0	6.7	7.0	8.3	6.9
SHARK (23R)	6.3	5.3	7.7	6.0	6.3	6.7	7.7	7.0	6.0	7.7	6.9
VILLA (IS-AC 1)	5.3	4.7	7.3	8.0	5.0	7.3	6.7	7.0	7.0	8.3	6.9
007 (DSB)	6.0	6.0	7.7	5.0	6.3	7.0	7.7	6.3	6.0	7.7	6.8
VENUS (EFD)	5.3	6.0	8.7	7.3	6.3	7.7	8.3	5.7	6.3	6.7	6.8
LS-44	8.0	5.0	7.7	5.3	5.3	7.3	7.7	6.7	5.7	8.3	6.8
LEGENDARY	4.3	5.0	7.3	7.0	5.0	8.3	6.7	5.7	6.0	8.3	6.7
TYEE (SRX 1GD)	7.3	7.0	8.0	3.7	6.0	7.3	7.3	5.3	6.0	8.3	6.7
PENNLINKS II	8.0	6.0	6.3	8.3	5.0	6.0	7.0	6.3	7.3	6.7	6.4
BENCHMARK DSR	8.0	4.7	7.3	8.0	4.7	6.0	7.0	6.3	6.7	7.0	6.3
T-1	9.0	5.7	7.3	4.0	5.7	7.0	8.0	5.7	4.7	6.7	6.3
BENGAL	7.7	5.7	6.7	5.0	5.0	6.3	6.7	5.7	5.3	7.0	6.0
ALPHA	9.0	7.7	7.3	5.3	5.0	7.0	7.3	5.7	4.0	6.3	5.9
INDEPENDENCE	7.7	6.3	8.0	2.3	4.7	6.0	8.0	4.3	4.0	6.7	5.6
VESPER	5.3	5.7	6.3	7.0	4.3	6.0	6.0	5.3	5.0	7.0	5.6
SR 7200	6.3	6.0	5.3	7.7	4.3	5.3	5.7	5.0	4.3	5.3	5.0
PENNCROSS	7.3	7.7	6.0	5.0	4.0	5.0	6.0	4.7	4.3	4.7	4.8
LSD VALUE	1.3	2.6	1.6	1.6	1.9	2.5	2.1	1.5	1.7	1.4	0.9
C.V. (%)	12.1	20.0	10.8	15.5	17.9	15.6	12.6	13.5	16.4	11.5	8.6

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

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