

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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CONTENTS

1992 National Bermudagrass Test - 1992 data

LOCATIONS SUBMITTING DATA FOR 1992.....1

NATIONAL BERMUDAGRASS TEST, 1992 - Entries and Sponsors.....2

Table A - 1992 Locations, Site Descriptions and Management Practices
in the 1992 National Bermudagrass Test.....3

Table B - Locations and Data Collected in 1992.....4

Table 1A - Mean Turfgrass Quality Ratings of Bermudagrass Cultivars at
Nine Locations in the United States.....5

Table 1B - Mean Turfgrass Quality Ratings of Bermudagrass (Seeded)
Cultivars at Nine Locations in the United States.....6

Table 1C - Mean Turfgrass Quality Ratings of Bermudagrass (Vegetative)
Cultivars at Nine Locations in the United States.....6

Table 2A - Mean Turfgrass Quality Ratings of Bermudagrass Cultivars For
Each Month Grown at Nine Locations in the United States.....7

Table 2B - Mean Turfgrass Quality Ratings of Bermudagrass (Seeded)
Cultivars For Each Month Grown at Nine Locations in the
United States.....8

Table 2C - Mean Turfgrass Quality Ratings of Bermudagrass (Vegetative)
Cultivars For Each Month Grown at Nine Locations in the
United States.....8

Table 3A - Ranking of Mean Turfgrass Quality Ratings of Bermudagrass
Cultivars at Nine Locations in the United States.....9

Table 3B - Ranking of Mean Turfgrass Quality Ratings of Bermudagrass
(Seeded) Cultivars at Nine Locations in the
United States.....10

Table 3C - Ranking of Mean Turfgrass Quality Ratings of Bermudagrass
(Vegetative) Cultivars at Nine Locations in the U. S.....10

Table 4A - Genetic Color Ratings of Bermudagrass Cultivars.....11

Table 4B - Genetic Color Ratings of Bermudagrass (Seeded) Cultivars.....12

Table 4C - Genetic Color Ratings of Bermudagrass (Vegetative) Cultivars...12

Table 5A - Leaf Texture Ratings of Bermudagrass Cultivars.....13

Table 5B - Leaf Texture Ratings of Bermudagrass (Seeded) Cultivars.....14

Table 5C - Leaf Texture Ratings of Bermudagrass (Vegetative) Cultivars...14

Table 6B - Seedling Vigor Ratings of Bermudagrass (Seeded) Cultivars....15

Table 6C - Vigor Ratings of Bermudagrass (Vegetative) Cultivars.....15

Table 7A - Summer Density Ratings of Bermudagrass Cultivars.....16

Table 7B - Summer Density Ratings of Bermudagrass (Seeded) Cultivars....17

Table 7C - Summer Density Ratings of Bermudagrass (Vegetative) Cultivars.17

Table 8A - Fall Density Ratings of Bermudagrass Cultivars.....18

Table 8B - Fall Density Ratings of Bermudagrass (Seeded) Cultivars.....19

Table 8C - Fall Density Ratings of Bermudagrass (Vegetative) Cultivars...19

Table 9A - Percent Living Ground Cover (Summer) Ratings of Bermudagrass
Cultivars.....20

Table 9B - Percent Living Ground Cover (Summer) Ratings of Bermudagrass
(Seeded) Cultivars.....21

CONTENTS (Continued)

Table 9C - Percent Living Ground Cover (Summer) Ratings of Bermudagrass (Vegetative) Cultivars.....	21
Table 10A - Percent Living Ground Cover (Fall) Ratings of Bermudagrass Cultivars.....	22
Table 10B - Percent Living Ground Cover (Fall) Ratings of Bermudagrass (Seeded) Cultivars.....	23
Table 10C - Percent Living Ground Cover (Fall) Ratings of Bermudagrass (Vegetative) Cultivars.....	23
Table 11A - Frost Tolerance Ratings of Bermudagrass Cultivars.....	24
Table 11B - Frost Tolerance Ratings of Bermudagrass (Seeded) Cultivars.....	25
Table 11C - Frost Tolerance Ratings of Bermudagrass (Vegetative) Cultivars.....	25
Table 12A - Fall Color (November) Ratings of Bermudagrass Cultivars.....	26
Table 12B - Fall Color (November) Ratings of Bermudagrass (Seeded) Cultivars.....	27
Table 12C - Fall Color (November) Ratings of Bermudagrass (Vegetative) Cultivars.....	27
Table 13A - Plant Height Measurements of Bermudagrass Cultivars.....	28
Table 13B - Plant Height Measurements of Bermudagrass (Seeded) Cultivars.....	29
Table 13C - Plant Height Measurements of Bermudagrass (Vegetative) Cultivars.....	29
Table 14 - Percent Establishment (Four Weeks After Planting) of Bermudagrass (Vegetative) Cultivars.....	30
Table 15 - Percent Establishment (Eight Weeks After Planting) of Bermudagrass (Vegetative) Cultivars.....	30

LOCATIONS SUBMITTING DATA FOR 1992

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
Florida	Gainesville	FL1
Kansas	Wichita	KS2
Louisiana	Calhoun	LA2
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
Nebraska	Lincoln	NE1
Texas	Dallas	TX1
Virginia	Blacksburg	VA1

1992 NATIONAL BERMUDAGRASS TEST

Entries and Sponsors

Seeded Entries

<u>Entry #</u>	<u>Name</u>	<u>Sponsor</u>
1	J-27	Jacklin Seed Company
2	Jackpot (J-912)	Jacklin Seed Company
3	Sonesta	O.M. Scott & Son
4	Cheyenne	Pennington Seed Company
5	Primavera (FMC 1-90)	Seed Research of OR/Farmers Mkt. Corp.
6	FMC 2-90	Farmers Marketing Corp.
7	FMC 3-91	Farmers Marketing Corp.
8	FMC 5-91	Farmers Marketing Corp.
9	Sultan (FMC 6-91)	Farmers Marketing Corp.
10	Sundevil	Medalist America
11	Arizona Common	Standard Entry
12	Mirage (90173)	International Seeds, Inc./ Arizona Grain, Inc.-Valley Seed Co.
13	OKS 91-1	Oklahoma State University
14	OKS 91-11	Oklahoma State University
15	Numex-Sahara	Farmers Marketing Corp. (Standard Entry)
16	Guymon	Oklahoma State University (Standard Entry)

Vegetative Entries

<u>Entry #</u>	<u>Name</u>	<u>Sponsor</u>
17	FHB-135	Univ. of Florida-Gainesville
18	Arizona Common	Standard Entry
19	Midiron	Standard Entry
20	Tifgreen	Standard Entry
21	Tifway	Standard Entry
22	Texturf 10	Standard Entry
23	STF-1	Sunnyvale Turf Farm
24	Midlawn	KSU Research Foundation & Oklahoma State University
25	Midfield	Kansas State University & Oklahoma State University
26	TDS-BM1	Turfgrass Development Systems

TABLE A.

1992 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1992 NATIONAL BERMUDAGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN)	IRRIGATION PRACTICED
AR1	-	-	-	-	-	FULL SUN	-	-
AZ1	SANDY LOAM	7.6-8.5	0-60	241-375	0.0-1.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
FL1	LOAMY SAND	6.6-7.0	151-270	151-240	0.0-1.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
LA2	SANDY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
MS1	SANDY CLAY LOAM	6.6-7.0	271-450	151-240	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
NE1	SILTY CLAY LOAM	6.6-7.0	151-270	376-500	3.1-4.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	0.0-1.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	-	61-150	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1992

LOCATION	JULY QUALITY RATINGS	AUGUST QUALITY RATINGS	SEPTEMBER QUALITY RATINGS	OCTOBER QUALITY RATINGS	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATINGS	GENETIC COLOR RATINGS	LEAF TEXTURE RATINGS	SEEDLING VIGOR
AR1			X	X			X		X
AZ1				X			X	X	X
FL1			X	X	X	X			X
KS2		X	X				X	X	X
LA2		X	X	X	X				X
MO1									
MS1			X	X					X
NE1			X				X		
TX1			X	X	X	X		X	X
VA1	X	X	X	X					X

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1992

LOCATION	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	FALL COLOR NOVEMBER	PERCENT COVER 4 WEEKS	PERCENT COVER 8 WEEKS	PLANT HEIGHT
AR1		X	X	X	X				X
AZ1			X	X					
FL1				X					
KS2	X								
LA2			X	X					
MO1			X	X					
MS1						X	X	X	
NE1	X								
TX1		X	X	X					
VA1	X		X						

TABLE 1A. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S.
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/									
	AR1	AZ1	FL1	KS2	IA2	MS1	NE1	TX1	VA1	MEAN
* TIFGREEN	6.2	7.0	4.5	7.3	8.6	6.0	8.0	5.0	5.9	6.5
TDS-BM1	6.5	6.0	4.9	7.5	8.4	6.0	8.3	4.5	5.6	6.4
* MIDLAWN	7.0	8.0	3.6	8.7	8.1	5.3	6.0	5.9	5.1	6.4
* SULTAN (FMC 6-91)	7.2	6.3	4.3	7.7	6.3	7.0	6.5	5.7	5.6	6.3
FMC 3-91	7.0	5.7	5.4	7.2	7.3	7.0	5.3	5.8	5.8	6.3
* SONESTA	6.5	5.3	6.5	6.7	7.4	7.2	5.7	5.7	5.4	6.3
* MIRAGE (90173)	7.2	5.3	6.1	7.3	7.2	7.0	5.3	5.7	5.2	6.3
OKS 91-1	7.2	5.3	4.3	7.2	7.8	7.0	6.7	6.0	4.8	6.2
FMC 5-91	7.2	4.0	5.1	7.7	7.6	7.2	5.7	5.8	5.7	6.2
* SUNDEVIL	6.7	5.3	6.0	6.8	7.2	7.0	6.0	5.8	4.8	6.2
FMC 2-90	7.2	5.3	5.4	7.7	6.9	7.2	5.7	5.2	5.0	6.2
* CHEYENNE	6.3	6.3	6.5	6.8	6.0	7.0	5.3	5.4	4.6	6.0
* NUMEX-SAHARA	6.5	5.3	4.8	7.0	6.8	7.0	6.3	5.5	5.0	6.0
* JACKPOT (J-912)	7.2	5.7	3.1	7.7	6.4	6.8	6.0	5.7	5.5	6.0
* PRIMAVERA (FMC 1-90)	6.5	4.3	4.7	6.7	7.3	7.3	5.3	5.9	4.9	5.9
* ARIZONA COMMON-SEED	6.0	6.0	5.4	7.0	6.3	7.0	5.0	5.8	4.3	5.9
* TIFWAY	4.2	7.0	4.1	7.7	7.9	5.3	6.0	4.5	5.3	5.8
* TEXTURE 10	5.2	4.3	5.2	7.5	8.1	5.0	6.7	4.9	4.3	5.7
STF-1	5.2	5.3	5.6	7.8	7.4	4.7	6.0	4.9	4.0	5.7
* MIDFIELD	4.0	5.3	4.8	7.3	8.3	5.0	5.0	6.1	4.5	5.6
J-27	6.3	5.0	3.2	6.7	6.8	6.3	5.0	4.5	4.5	5.4
* ARIZONA COMMON-VEG.	5.2	4.7	6.2	5.5	7.2	4.3	5.3	5.2	3.7	5.2
* MIDIRON	4.7	5.0	3.6	6.7	7.4	5.0	6.3	4.1	4.2	5.2
FHB-135	3.3	4.7	3.0	6.7	7.8	5.0	8.0	2.5	5.3	5.1
OKS 91-11	6.2	6.0	2.6	7.8	5.8	4.8	6.0	3.8	3.3	5.1
* GUYMON	5.2	5.3	3.3	5.3	6.0	6.2	4.0	5.5	3.2	4.9
LSD VALUE	1.3	1.7	1.4	0.7	1.3	0.5	1.3	0.8	0.6	0.4

* COMMERCIALY AVAILABLE IN THE USA IN 1994

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

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S.
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/									
	AR1	AZ1	FL1	KS2	IA2	MS1	NE1	TX1	VA1	MEAN
SULTAN (FMC 6-91)	7.2	6.3	4.3	7.7	6.3	7.0	6.5	5.7	5.6	6.3
FMC 3-91	7.0	5.7	5.4	7.2	7.3	7.0	5.3	5.8	5.8	6.3
SONESTA	6.5	5.3	6.5	6.7	7.4	7.2	5.7	5.7	5.4	6.3
MIRAGE (90173)	7.2	5.3	6.1	7.3	7.2	7.0	5.3	5.7	5.2	6.3
OKS 91-1	7.2	5.3	4.3	7.2	7.8	7.0	6.7	6.0	4.8	6.2
FMC 5-91	7.2	4.0	5.1	7.7	7.6	7.2	5.7	5.8	5.7	6.2
SUNDEVIL	6.7	5.3	6.0	6.8	7.2	7.0	6.0	5.8	4.8	6.2
FMC 2-90	7.2	5.3	5.4	7.7	6.9	7.2	5.7	5.2	5.0	6.2
CHEYENNE	6.3	6.3	6.5	6.8	6.0	7.0	5.3	5.4	4.6	6.0
NUMEX-SAHARA	6.5	5.3	4.8	7.0	6.8	7.0	6.3	5.5	5.0	6.0
JACKPOT (J-912)	7.2	5.7	3.1	7.7	6.4	6.8	6.0	5.7	5.5	6.0
PRIMAVERA (FMC 1-90)	6.5	4.3	4.7	6.7	7.3	7.3	5.3	5.9	4.9	5.9
ARIZONA COMMON-SEED	6.0	6.0	5.4	7.0	6.3	7.0	5.0	5.8	4.3	5.9
J-27	6.3	5.0	3.2	6.7	6.8	6.3	5.0	4.5	4.5	5.4
OKS 91-11	6.2	6.0	2.6	7.8	5.8	4.8	6.0	3.8	3.3	5.1
GUYMON	5.2	5.3	3.3	5.3	6.0	6.2	4.0	5.5	3.2	4.9
LSD VALUE	0.9	2.1	1.7	0.7	1.6	0.5	1.2	0.7	0.7	0.4

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S.
1992 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/									
	AR1	AZ1	FL1	KS2	IA2	MS1	NE1	TX1	VA1	MEAN
TIFGREEN	6.2	7.0	4.5	7.3	8.6	6.0	8.0	5.0	5.9	6.5
TDS-BM1	6.5	6.0	4.9	7.5	8.4	6.0	8.3	4.5	5.6	6.4
MIDLAWN	7.0	8.0	3.6	8.7	8.1	5.3	6.0	5.9	5.1	6.4
TIFWAY	4.2	7.0	4.1	7.7	7.9	5.3	6.0	4.5	5.3	5.8
TEXTURE 10	5.2	4.3	5.2	7.5	8.1	5.0	6.7	4.9	4.3	5.7
STF-1	5.2	5.3	5.6	7.8	7.4	4.7	6.0	4.9	4.0	5.7
MIDFIELD	4.0	5.3	4.8	7.3	8.3	5.0	5.0	6.1	4.5	5.6
ARIZONA COMMON-VEG.	5.2	4.7	6.2	5.5	7.2	4.3	5.3	5.2	3.7	5.2
MIDIRON	4.7	5.0	3.6	6.7	7.4	5.0	6.3	4.1	4.2	5.2
FHB-135	3.3	4.7	3.0	6.7	7.8	5.0	8.0	2.5	5.3	5.1
LSD VALUE	1.7	1.0	0.9	0.6	0.5	0.6	1.3	0.9	0.5	0.3

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

TABLE 2A. MEAN TURFGRASS QUALITY RATINGS OF BERMUDSGRASS CULTIVARS FOR EACH MONTH GROWN AT NINE LOCATIONS IN THE U.S.
1992 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/

NAME	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFGREEN	7.0	6.6	6.4	6.3	5.9	5.5	6.5
TDS-BM1	7.0	6.7	6.7	5.9	5.7	5.2	6.4
MIDLAWN	6.0	6.4	6.6	6.4	5.2	4.5	6.4
SULTAN (FMC 6-91)	6.3	5.3	6.3	6.1	5.4	6.2	6.3
FMC 3-91	6.3	6.0	6.4	6.1	6.1	6.8	6.3
SONESTA	6.0	5.3	6.6	6.4	6.4	6.3	6.3
MIRAGE (90173)	6.0	5.9	6.4	6.1	6.2	7.0	6.3
OKS 91-1	5.7	6.1	6.4	6.0	5.6	6.0	6.2
FMC 5-91	6.3	6.6	6.5	6.0	5.7	6.7	6.2
SUNDEVIL	5.3	5.8	6.5	6.0	6.1	6.5	6.2
FMC 2-90	6.0	5.3	6.0	6.1	6.0	6.8	6.2
CHEYENNE	5.0	5.0	6.1	6.0	5.9	6.5	6.0
NUMEX-SAHARA	5.7	5.3	6.1	5.9	5.7	6.0	6.0
JACKPOT (J-912)	6.7	5.7	6.1	5.8	4.7	5.5	6.0
PRIMAVERA (FMC 1-90)	5.7	5.8	6.1	5.8	5.8	5.8	5.9
ARIZONA COMMON-SEED	4.3	5.7	5.9	5.8	5.7	6.2	5.9
TIFWAY	6.0	6.0	5.7	5.7	5.4	4.8	5.8
TEXTURF 10	5.0	6.3	5.7	5.3	6.0	5.8	5.7
STF-1	4.7	5.9	5.7	5.3	5.9	6.2	5.7
MIDFIELD	5.3	6.2	5.7	5.6	6.1	5.8	5.6
J-27	5.3	5.3	5.5	5.1	4.7	4.5	5.4
ARIZONA COMMON-VEG.	3.3	5.2	5.4	5.4	6.1	5.7	5.2
MIDIRON	5.0	5.8	5.4	4.8	4.8	4.2	5.2
FHB-135	8.0	5.3	5.4	4.3	4.3	3.2	5.1
OKS 91-11	4.0	4.3	5.0	4.8	4.1	3.8	5.1
GUYMON	4.0	4.1	5.1	4.9	4.6	5.2	5.0
LSD VALUE	0.7	1.8	1.1	0.9	1.7	2.1	0.7

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

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDSGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT NINE LOCATIONS IN THE U.S.
1992 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/							
NAME	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
SULTAN (FMC 6-91)	6.3	5.3	6.3	6.1	5.4	6.2	6.3
FMC 3-91	6.3	6.0	6.4	6.1	6.1	6.8	6.3
SONESTA	6.0	5.3	6.6	6.4	6.4	6.3	6.3
MIRAGE (90173)	6.0	5.9	6.4	6.1	6.2	7.0	6.3
OKS 91-1	5.7	6.1	6.4	6.0	5.6	6.0	6.2
FMC 5-91	6.3	6.6	6.5	6.0	5.7	6.7	6.2
SUNDEVIL	5.3	5.8	6.5	6.0	6.1	6.5	6.2
FMC 2-90	6.0	5.3	6.0	6.1	6.0	6.8	6.2
CHEYENNE	5.0	5.0	6.1	6.0	5.9	6.5	6.0
NUMEX-SAHARA	5.7	5.3	6.1	5.9	5.7	6.0	6.0
JACKPOT (J-912)	6.7	5.7	6.1	5.8	4.7	5.5	6.0
PRIMAVERA (FMC 1-90)	5.7	5.8	6.1	5.8	5.8	5.8	5.9
ARIZONA COMMON-SEED	4.3	5.7	5.9	5.8	5.7	6.2	5.9
J-27	5.3	5.3	5.5	5.1	4.7	4.5	5.4
OKS 91-11	4.0	4.3	5.0	4.8	4.1	3.8	5.1
GUYMON	4.0	4.1	5.1	4.9	4.6	5.2	5.0
LSD VALUE	0.8	1.5	1.1	1.0	1.6	2.2	0.7

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDSGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT NINE LOCATIONS IN THE U.S.
1992 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/							
NAME	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFGREEN	7.0	6.6	6.4	6.3	5.9	5.5	6.5
TDS-BM1	7.0	6.7	6.7	5.9	5.7	5.2	6.4
MIDLAWN	6.0	6.4	6.6	6.4	5.2	4.5	6.4
TIFWAY	6.0	6.0	5.7	5.7	5.4	4.8	5.8
TEXTURF 10	5.0	6.3	5.7	5.3	6.0	5.8	5.7
STF-1	4.7	5.9	5.7	5.3	5.9	6.2	5.7
MIDFIELD	5.3	6.2	5.7	5.6	6.1	5.8	5.6
ARIZONA COMMON-VEG.	3.3	5.2	5.4	5.4	6.1	5.7	5.2
MIDIRON	5.0	5.8	5.4	4.8	4.8	4.2	5.2
FHB-135	8.0	5.3	5.4	4.3	4.3	3.2	5.1
LSD VALUE	0.5	2.2	1.2	0.9	1.8	1.9	0.8

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

TABLE 3A. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S. 1/
1992 DATA

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

NAME	AR1	AZ1	FL1	KS2	LA2	MS1	NE1	TX1	VA1	MEAN
TIFGREEN	16.5	2.5	16.0	12.0	1.0	16.5	2.5	18.0	1.0	1.0
TDS-BM1	11.5	7.0	12.0	9.5	2.0	16.5	1.0	22.0	4.5	2.0
MIDLAWN	7.5	1.0	20.5	1.0	4.5	18.5	11.5	3.5	11.0	3.0
SULTAN (FMC 6-91)	3.5	4.5	17.0	6.0	22.5	8.5	6.0	10.5	4.5	4.0
FMC 3-91	7.5	9.5	8.0	14.5	13.5	8.5	20.0	6.0	2.0	5.0
SONESTA	11.5	15.0	1.5	22.0	11.0	3.0	16.0	10.5	7.0	6.0
MIRAGE (90173)	3.5	15.0	4.0	12.0	16.0	8.5	20.0	10.5	10.0	7.0
OKS 91-1	3.5	15.0	18.0	14.5	7.5	8.5	4.5	2.0	15.5	8.0
FMC 5-91	3.5	26.0	11.0	6.0	9.0	3.0	16.0	8.0	3.0	9.0
SUNDEVIL	9.0	15.0	5.0	18.5	16.0	8.5	11.5	6.0	15.5	10.0
FMC 2-90	3.5	15.0	8.0	6.0	18.0	3.0	16.0	16.5	12.5	11.0
CHEYENNE	14.5	4.5	1.5	18.5	24.5	8.5	20.0	15.0	17.0	12.0
NUMEX-SAHARA	11.5	15.0	14.0	16.5	19.5	8.5	7.5	13.5	12.5	13.0
JACKPOT (J-912)	3.5	9.5	24.0	6.0	21.0	13.0	11.5	10.5	6.0	14.0
PRIMAVERA (FMC 1-90)	11.5	24.5	15.0	22.0	13.5	1.0	20.0	3.5	14.0	15.0
ARIZONA COMMON-SEED	18.0	7.0	8.0	16.5	22.5	8.5	24.0	6.0	20.5	16.0
TIFWAY	24.0	2.5	19.0	6.0	6.0	18.5	11.5	22.0	8.0	17.0
TEXTURF 10	20.5	24.5	10.0	9.5	4.5	21.5	4.5	19.5	20.5	18.0
STF-1	20.5	15.0	6.0	2.5	11.0	25.0	11.5	19.5	23.0	19.0
MIDFIELD	25.0	15.0	13.0	12.0	3.0	21.5	24.0	1.0	18.5	20.0
J-27	14.5	20.5	23.0	22.0	19.5	14.0	24.0	22.0	18.5	21.0
ARIZONA COMMON-VEG.	20.5	22.5	3.0	25.0	16.0	26.0	20.0	16.5	24.0	22.0
MIDIRON	23.0	20.5	20.5	22.0	11.0	21.5	7.5	24.0	22.0	23.0
FHB-135	26.0	22.5	25.0	22.0	7.5	21.5	2.5	26.0	9.0	24.5
OKS 91-11	16.5	7.0	26.0	2.5	26.0	24.0	11.5	25.0	25.0	24.5
GUYMON	20.5	15.0	22.0	26.0	24.5	15.0	26.0	13.5	26.0	26.0

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

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

TABLE 3B. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S. 1/
1992 DATA

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

NAME	AR1	AZ1	FL1	KS2	LA2	MS1	NE1	TX1	VA1	MEAN
SULTAN (FMC 6-91)	3.5	1.5	11.0	3.5	12.5	8.5	2.0	8.5	3.0	1
FMC 3-91	7.0	5.5	6.0	7.5	4.5	8.5	11.5	4.0	1.0	2
SONESTA	10.0	10.0	1.5	14.0	3.0	3.0	8.0	8.5	5.0	3
MIRAGE (90173)	3.5	10.0	3.0	6.0	6.5	8.5	11.5	8.5	6.0	4
OKS 91-1	3.5	10.0	12.0	7.5	1.0	8.5	1.0	1.0	10.5	5
FMC 5-91	3.5	16.0	8.0	3.5	2.0	3.0	8.0	6.0	2.0	6
SUNDEVIL	8.0	10.0	4.0	11.5	6.5	8.5	5.0	4.0	10.5	7
FMC 2-90	3.5	10.0	6.0	3.5	8.0	3.0	8.0	14.0	7.5	8
CHEYENNE	12.5	1.5	1.5	11.5	14.5	8.5	11.5	13.0	12.0	9
NUMEX-SAHARA	10.0	10.0	9.0	9.5	9.5	8.5	3.0	11.5	7.5	10
JACKPOT (J-912)	3.5	5.5	15.0	3.5	11.0	13.0	5.0	8.5	4.0	11
PRIMAVERA (FMC 1-90)	10.0	15.0	10.0	14.0	4.5	1.0	11.5	2.0	9.0	12
ARIZONA COMMON-SEED	15.0	3.5	6.0	9.5	12.5	8.5	14.5	4.0	14.0	13
J-27	12.5	14.0	14.0	14.0	9.5	14.0	14.5	15.0	13.0	14
OKS 91-11	14.0	3.5	16.0	1.0	16.0	16.0	5.0	16.0	15.0	15
GUYMON	16.0	10.0	13.0	16.0	14.5	15.0	16.0	11.5	16.0	16

TABLE 3C. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT NINE LOCATIONS IN THE U.S. 1/
1992 DATA

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

NAME	AR1	AZ1	FL1	KS2	LA2	MS1	NE1	TX1	VA1	MEAN
TIFGREEN	3	2.5	6.0	6.5	1.0	1.5	2.5	4.0	1	1
TDS-BM1	2	4.0	4.0	4.5	2.0	1.5	1.0	7.5	2	2
MIDLAWN	1	1.0	8.5	1.0	4.5	3.5	7.0	2.0	5	3
TIFWAY	8	2.5	7.0	3.0	6.0	3.5	7.0	7.5	3	4
TEXTURF 10	5	10.0	3.0	4.5	4.5	6.5	4.0	5.5	7	5
STF-1	5	5.5	2.0	2.0	8.5	9.0	7.0	5.5	9	6
MIDFIELD	9	5.5	5.0	6.5	3.0	6.5	10.0	1.0	6	7
ARIZONA COMMON-VEG.	5	8.5	1.0	10.0	10.0	10.0	9.0	3.0	10	8
MIDIRON	7	7.0	8.5	8.5	8.5	6.5	5.0	9.0	8	9
FHB-135	10	8.5	10.0	8.5	7.0	6.5	2.5	10.0	4	10

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

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

TABLE 4A. GENETIC COLOR RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

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

NAME	AR1	AZ1	KS2	NE1	MEAN
OKS 91-11	7.3	8.7	8.3	6.7	7.8
TIFWAY	7.3	8.0	8.7	7.0	7.8
STF-1	8.3	7.0	8.3	7.0	7.7
TEXTURF 10	8.0	7.3	7.7	7.3	7.6
MIDLAWN	7.3	7.7	8.0	6.7	7.4
SULTAN (FMC 6-91)	8.3	7.3	7.0	6.3	7.3
FHB-135	7.7	6.7	7.3	7.0	7.2
J-27	7.0	7.3	8.0	6.0	7.1
FMC 2-90	8.0	7.0	7.0	5.7	6.9
NUMEX-SAHARA	7.7	7.7	6.3	6.0	6.9
JACKPOT (J-912)	7.7	7.3	7.3	5.3	6.9
MIDIRON	6.3	7.3	6.7	7.3	6.9
FMC 5-91	7.7	7.0	6.7	5.7	6.8
SONESTA	8.3	6.3	6.7	5.7	6.8
OKS 91-1	8.3	6.7	5.7	6.3	6.8
TIFGREEN	6.0	7.0	6.7	7.3	6.8
TDS-BM1	7.3	6.7	6.0	6.7	6.7
MIRAGE (90173)	8.0	7.0	6.3	5.3	6.7
FMC 3-91	7.7	7.0	6.0	5.0	6.4
GUYMON	5.3	7.3	7.3	5.3	6.3
MIDFIELD	5.7	6.7	6.7	6.0	6.3
SUNDEVIL	8.0	6.3	5.7	5.0	6.3
ARIZONA COMMON-VEG.	7.3	6.7	5.3	5.3	6.2
PRIMAVERA (FMC 1-90)	7.7	6.0	5.3	5.3	6.1
CHEYENNE	7.0	6.7	5.3	4.7	5.9
ARIZONA COMMON-SEED	6.3	6.7	5.0	4.3	5.6
LSD VALUE	1.4	1.4	1.1	1.3	0.7

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

TABLE 4B. GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

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

NAME	AR1	AZ1	KS2	NE1	MEAN
OKS 91-11	7.3	8.7	8.3	6.7	7.8
SULTAN (FMC 6-91)	8.3	7.3	7.0	6.3	7.3
J-27	7.0	7.3	8.0	6.0	7.1
FMC 2-90	8.0	7.0	7.0	5.7	6.9
NUMEX-SAHARA	7.7	7.7	6.3	6.0	6.9
JACKPOT (J-912)	7.7	7.3	7.3	5.3	6.9
FMC 5-91	7.7	7.0	6.7	5.7	6.8
SONESTA	8.3	6.3	6.7	5.7	6.8
OKS 91-1	8.3	6.7	5.7	6.3	6.8
MIRAGE (90173)	8.0	7.0	6.3	5.3	6.7
FMC 3-91	7.7	7.0	6.0	5.0	6.4
GUYMON	5.3	7.3	7.3	5.3	6.3
SUNDEVIL	8.0	6.3	5.7	5.0	6.3
PRIMAVERA (FMC 1-90)	7.7	6.0	5.3	5.3	6.1
CHEYENNE	7.0	6.7	5.3	4.7	5.9
ARIZONA COMMON-SEED	6.3	6.7	5.0	4.3	5.6
LSD VALUE	1.2	1.7	1.0	1.4	0.7

TABLE 4C. GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

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

NAME	AR1	AZ1	KS2	NE1	MEAN
TIFWAY	7.3	8.0	8.7	7.0	7.8
STF-1	8.3	7.0	8.3	7.0	7.7
TEXTURF 10	8.0	7.3	7.7	7.3	7.6
MIDLAWN	7.3	7.7	8.0	6.7	7.4
FHB-135	7.7	6.7	7.3	7.0	7.2
MIDIRON	6.3	7.3	6.7	7.3	6.9
TIFGREEN	6.0	7.0	6.7	7.3	6.8
TDS-BM1	7.3	6.7	6.0	6.7	6.7
MIDFIELD	5.7	6.7	6.7	6.0	6.3
ARIZONA COMMON-VEG.	7.3	6.7	5.3	5.3	6.2
LSD VALUE	1.7	0.8	1.3	1.0	0.6

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

TABLE 5A. LEAF TEXTURE RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

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

NAME	AZ1	KS2	TX1	MEAN
FHB-135	9.0	9.0	9.0	9.0
TIFGREEN	8.3	8.7	9.0	8.7
TDS-BM1	8.0	8.7	9.0	8.6
TIFWAY	7.3	7.3	9.0	7.9
MIDLAWN	7.3	7.7	5.0	6.7
MIDIRON	6.3	6.0	5.0	5.8
FMC 3-91	6.7	5.0	5.0	5.6
SULTAN (FMC 6-91)	5.3	6.0	5.0	5.4
ARIZONA COMMON-SEED	6.0	5.0	5.0	5.3
JACKPOT (J-912)	5.7	5.3	5.0	5.3
SUNDEVIL	6.0	5.0	5.0	5.3
OKS 91-1	5.7	5.0	5.0	5.2
NUMEX-SAHARA	5.3	5.3	5.0	5.2
SONESTA	5.7	5.0	5.0	5.2
CHEYENNE	5.3	5.0	5.0	5.1
PRIMAVERA (FMC 1-90)	5.3	5.0	5.0	5.1
FMC 2-90	5.0	4.7	5.0	4.9
FMC 5-91	4.7	5.0	5.0	4.9
MIRAGE (90173)	4.7	4.7	5.0	4.8
OKS 91-11	5.0	5.0	2.3	4.1
ARIZONA COMMON-VEG.	3.7	3.7	5.0	4.1
MIDFIELD	6.0	5.0	1.0	4.0
TEXTURF 10	3.3	5.0	3.7	4.0
STF-1	4.0	4.3	3.7	4.0
J-27	4.3	3.7	1.0	3.0
GUYMON	3.3	3.3	1.0	2.6
LSD VALUE	1.4	0.7	1.8	0.8

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

TABLE 5B. LEAF TEXTURE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

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

NAME	AZ1	KS2	TX1	MEAN
FMC 3-91	6.7	5.0	5.0	5.6
SULTAN (FMC 6-91)	5.3	6.0	5.0	5.4
ARIZONA COMMON-SEED	6.0	5.0	5.0	5.3
JACKPOT (J-912)	5.7	5.3	5.0	5.3
SUNDEVIL	6.0	5.0	5.0	5.3
OKS 91-1	5.7	5.0	5.0	5.2
NUMEX-SAHARA	5.3	5.3	5.0	5.2
SONESTA	5.7	5.0	5.0	5.2
CHEYENNE	5.3	5.0	5.0	5.1
PRIMAVERA (FMC 1-90)	5.3	5.0	5.0	5.1
FMC 2-90	5.0	4.7	5.0	4.9
FMC 5-91	4.7	5.0	5.0	4.9
MIRAGE (90173)	4.7	4.7	5.0	4.8
OKS 91-11	5.0	5.0	2.3	4.1
J-27	4.3	3.7	1.0	3.0
GUYMON	3.3	3.3	1.0	2.6
LSD VALUE	1.7	0.7	0.9	0.7

TABLE 5C. LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

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

NAME	AZ1	KS2	TX1	MEAN
FHB-135	9.0	9.0	9.0	9.0
TIFGREEN	8.3	8.7	9.0	8.7
TDS-BM1	8.0	8.7	9.0	8.6
TIFWAY	7.3	7.3	9.0	7.9
MIDLAWN	7.3	7.7	5.0	6.7
MIDIRON	6.3	6.0	5.0	5.8
ARIZONA COMMON-VEG.	3.7	3.7	5.0	4.1
MIDFIELD	6.0	5.0	1.0	4.0
TEXTURF 10	3.3	5.0	3.7	4.0
STF-1	4.0	4.3	3.7	4.0
LSD VALUE	1.0	0.7	2.6	1.0

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

TABLE 6B. SEEDLING VIGOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/									
NAME	AR1	AZ1	FL1	KS2	LA2	MS1	TX1	VA1	MEAN
SONESTA	7.0	8.0	6.0	7.3	8.0	8.0	8.0	5.3	7.2
SUNDEVIL	7.3	8.0	4.7	6.7	7.7	9.0	7.3	5.3	7.0
ARIZONA COMMON-SEED	8.0	8.0	4.7	7.0	7.0	7.0	7.7	5.0	6.8
CHEYENNE	8.3	8.0	6.0	7.3	5.3	6.7	6.3	5.3	6.7
PRIMAVERA (FMC 1-90)	6.3	8.7	3.7	5.3	7.0	8.7	8.3	4.7	6.6
FMC 3-91	6.7	8.3	4.0	5.7	7.3	8.7	6.7	5.0	6.5
NUMEX-SAHARA	6.3	7.7	3.7	5.7	6.7	8.3	8.0	5.0	6.4
MIRAGE (90173)	7.3	8.3	5.0	5.0	7.7	6.3	5.0	6.3	6.4
OKS 91-1	6.7	8.7	3.3	4.7	7.7	6.3	7.3	5.3	6.3
FMC 5-91	6.0	7.0	4.0	5.0	8.3	6.7	6.0	5.7	6.1
SULTAN (FMC 6-91)	6.3	7.7	3.0	4.3	6.0	7.7	6.0	4.3	5.7
FMC 2-90	4.3	7.3	4.0	4.0	6.7	6.3	3.3	4.3	5.0
J-27	3.3	8.0	2.3	3.7	6.7	4.7	3.0	5.3	4.6
JACKPOT (J-912)	4.0	6.7	2.0	2.7	6.3	4.7	5.7	5.0	4.6
GUYMON	3.7	6.3	2.7	3.5	6.0	3.7	4.7	4.3	4.4
OKS 91-11	2.0	7.0	2.0	2.7	5.3	2.3	1.7	3.0	3.3
LSD VALUE	1.5	1.2	2.1	1.5	2.8	2.0	2.7	2.7	0.8

TABLE 6C. VIGOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR					
NAME	AR1	AZ1	FL1	MEAN	
ARIZONA COMMON-VEG.	6.3	7.3	5.7	6.4	
TDS-BM1	8.7	6.7	4.0	6.4	
TEXTURF 10	6.3	6.7	4.3	5.8	
STF-1	4.7	6.3	5.0	5.3	
TIFGREEN	6.3	6.0	3.7	5.3	
MIDLAWN	6.0	5.7	3.7	5.1	
MIDFIELD	3.7	6.0	4.3	4.7	
TIFWAY	4.0	5.7	4.0	4.6	
MIDIRON	4.7	5.0	3.3	4.3	
FHB-135	3.7	4.0	2.3	3.3	
LSD VALUE	1.4	1.2	0.9	0.7	

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

TABLE 7A.

SUMMER DENSITY RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

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

NAME	KS2	NE1	VA1	MEAN
ARIZONA COMMON-VEG.	9.0	9.0	7.7	8.6
SUNDEVIL	9.0	9.0	5.3	7.8
TDS-BM1	7.7	9.0	6.0	7.6
NUMEX-SAHARA	9.0	9.0	4.3	7.4
TIFGREEN	6.7	8.3	7.0	7.3
OKS 91-1	9.0	8.7	4.3	7.3
CHEYENNE	9.0	8.0	4.7	7.2
FMC 3-91	8.7	8.0	4.7	7.1
PRIMAVERA (FMC 1-90)	8.7	7.7	4.7	7.0
SONESTA	9.0	7.0	5.0	7.0
MIRAGE (90173)	9.0	6.7	5.0	6.9
FMC 5-91	8.7	6.7	5.0	6.8
TEXTURF 10	7.3	8.0	5.0	6.8
MIDIRON	6.7	8.0	5.3	6.7
MIDLAWN	6.0	7.7	6.3	6.7
STF-1	7.0	8.3	4.7	6.7
ARIZONA COMMON-SEED	9.0	6.3	4.0	6.4
J-27	8.0	7.0	3.7	6.2
FMC 2-90	8.7	6.7	3.3	6.2
SULTAN (FMC 6-91)	8.7	5.7	4.0	6.1
TIFWAY	5.3	6.0	6.7	6.0
JACKPOT (J-912)	8.0	5.7	3.7	5.8
MIDFIELD	7.0	4.7	5.7	5.8
FHB-135	3.0	6.7	4.7	4.8
GUYMON	6.7	3.7	2.0	4.1
OKS 91-11	5.3	4.7	2.0	4.0
LSD VALUE	1.1	3.0	2.0	1.2

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

TABLE 7B. SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/				
NAME	KS2	NE1	VA1	MEAN
SUNDEVIL	9.0	9.0	5.3	7.8
NUMEX-SAHARA	9.0	9.0	4.3	7.4
OKS 91-1	9.0	8.7	4.3	7.3
CHEYENNE	9.0	8.0	4.7	7.2
FMC 3-91	8.7	8.0	4.7	7.1
PRIMAVERA (FMC 1-90)	8.7	7.7	4.7	7.0
SONESTA	9.0	7.0	5.0	7.0
MIRAGE (90173)	9.0	6.7	5.0	6.9
FMC 5-91	8.7	6.7	5.0	6.8
ARIZONA COMMON-SEED	9.0	6.3	4.0	6.4
J-27	8.0	7.0	3.7	6.2
FMC 2-90	8.7	6.7	3.3	6.2
SULTAN (FMC 6-91)	8.7	5.7	4.0	6.1
JACKPOT (J-912)	8.0	5.7	3.7	5.8
GUYMON	6.7	3.7	2.0	4.1
OKS 91-11	5.3	4.7	2.0	4.0
LSD VALUE	1.2	3.5	2.3	1.4

TABLE 7C. SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/				
NAME	KS2	NE1	VA1	MEAN
ARIZONA COMMON-VEG.	9.0	9.0	7.7	8.6
TDS-BM1	7.7	9.0	6.0	7.6
TIFGREEN	6.7	8.3	7.0	7.3
TEXTURF 10	7.3	8.0	5.0	6.8
MIDIRON	6.7	8.0	5.3	6.7
MIDLAWN	6.0	7.7	6.3	6.7
STF-1	7.0	8.3	4.7	6.7
TIFWAY	5.3	6.0	6.7	6.0
MIDFIELD	7.0	4.7	5.7	5.8
FHB-135	3.0	6.7	4.7	4.8
LSD VALUE	1.0	2.0	1.3	0.9

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

TABLE 8A.

FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

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

NAME	AR1	TX1	MEAN
OKS 91-1	8.0	8.0	8.0
FMC 3-91	8.0	7.7	7.8
PRIMAVERA (FMC 1-90)	7.7	7.7	7.7
MIDLAWN	7.7	7.3	7.5
FMC 5-91	8.0	6.7	7.3
SUNDEVIL	7.0	7.7	7.3
SONESTA	7.3	7.3	7.3
JACKPOT (J-912)	8.3	6.0	7.2
MIRAGE (90173)	7.7	6.7	7.2
SULTAN (FMC 6-91)	8.0	6.3	7.2
ARIZONA COMMON-SEED	6.3	7.7	7.0
NUMEX-SAHARA	7.3	6.3	6.8
CHEYENNE	6.3	7.0	6.7
MIDFIELD	6.0	6.0	6.0
TDS-BMI	7.3	4.7	6.0
ARIZONA COMMON-VEG.	5.7	6.0	5.8
GUYMON	5.7	6.0	5.8
STF-1	6.7	4.7	5.7
FMC 2-90	7.3	4.0	5.7
TIFGREEN	7.0	4.3	5.7
TEXTURE 10	6.0	4.7	5.3
TIFWAY	7.0	3.7	5.3
FHB-135	7.3	3.0	5.2
OKS 91-11	6.3	4.0	5.2
J-27	6.0	4.0	5.0
MIDIRON	6.7	3.3	5.0
LSD VALUE	1.2	1.8	1.1

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

TABLE 8B. FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

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

NAME	AR1	TX1	MEAN
OKS 91-1	8.0	8.0	8.0
FMC 3-91	8.0	7.7	7.8
PRIMAVERA (FMC 1-90)	7.7	7.7	7.7
FMC 5-91	8.0	6.7	7.3
SUNDEVIL	7.0	7.7	7.3
SONESTA	7.3	7.3	7.3
JACKPOT (J-912)	8.3	6.0	7.2
MIRAGE (90173)	7.7	6.7	7.2
SULTAN (FMC 6-91)	8.0	6.3	7.2
ARIZONA COMMON-SEED	6.3	7.7	7.0
NUMEX-SAHARA	7.3	6.3	6.8
CHEYENNE	6.3	7.0	6.7
GUYMON	5.7	6.0	5.8
FMC 2-90	7.3	4.0	5.7
OKS 91-11	6.3	4.0	5.2
J-27	6.0	4.0	5.0
LSD VALUE	1.2	1.8	1.1

TABLE 8C. FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

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

NAME	AR1	TX1	MEAN
MIDLAWN	7.7	7.3	7.5
MIDFIELD	6.0	6.0	6.0
TDS-BMI	7.3	4.7	6.0
ARIZONA COMMON-VEG.	5.7	6.0	5.8
STF-1	6.7	4.7	5.7
TIFGREEN	7.0	4.3	5.7
TEXTURF 10	6.0	4.7	5.3
TIFWAY	7.0	3.7	5.3
FHB-135	7.3	3.0	5.2
MIDIRON	6.7	3.3	5.0
LSD VALUE	1.2	1.6	1.0

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

TABLE 9A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/							
NAME	AR1	AZ1	LA2	MO1	TX1	VA1	MEAN
ARIZONA COMMON-SEED	97.7	91.7	81.7	43.3	58.3	76.7	74.9
SUNDEVIL	86.0	89.0	86.7	51.7	53.3	80.0	74.4
SCNESTA	94.7	89.3	91.7	40.0	46.7	78.3	73.4
OKS 91-1	94.7	94.3	91.7	46.7	41.7	66.7	72.6
FMC 3-91	91.7	94.3	93.0	48.3	31.7	75.0	72.3
PRIMAVERA (FMC 1-90)	83.3	93.0	93.3	33.3	53.3	75.0	71.9
MIRAGE (90173)	91.3	90.3	92.7	43.3	25.7	78.3	70.3
CHEYENNE	96.3	91.3	76.7	41.7	35.7	75.0	69.4
NUMEX-SAHARA	90.0	84.7	88.3	45.0	36.7	70.0	69.1
FMC 5-91	80.0	78.3	89.7	45.0	26.7	76.7	66.1
SULTAN (FMC 6-91)	81.7	89.0	84.7	40.0	27.3	70.0	65.4
TDS-BM1	28.3	78.7	97.7	88.3	24.3	46.7	60.7
JACKPOT (J-912)	71.7	75.3	80.0	33.3	18.3	70.0	58.1
FMC 2-90	75.0	82.7	87.7	25.0	10.7	51.7	55.4
J-27	65.0	90.0	90.0	15.0	9.0	61.7	55.1
TIFGREEN	13.3	68.7	99.0	68.3	25.0	51.7	54.3
ARIZONA COMMON-VEG.	13.3	81.0	85.0	25.0	23.3	61.7	48.2
GUYMON	58.3	70.3	83.3	21.7	19.0	33.3	47.7
MIDLAWN	5.0	65.3	96.3	38.3	25.7	36.7	44.6
MIDFIELD	5.0	71.0	99.0	33.3	25.7	30.0	44.0
TEXTURF 10	3.7	75.3	99.0	25.0	18.3	30.0	41.9
TIFWAY	5.0	67.7	99.0	21.7	13.0	43.3	41.6
SIF-1	6.7	73.3	99.0	26.7	16.3	23.3	40.9
FHB-135	8.3	46.0	88.3	43.3	16.7	31.7	39.1
MIDIRON	5.0	62.0	99.0	18.3	15.0	31.7	38.5
OKS 91-11	13.3	80.3	76.7	18.3	6.0	25.0	36.6
LSD VALUE	12.1	11.7	16.6	25.6	22.8	20.9	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 9B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/							
NAME	AR1	AZ1	LA2	MO1	TX1	VA1	MEAN
ARIZONA COMMON-SEED	97.7	91.7	81.7	43.3	58.3	76.7	74.9
SUNDEVIL	86.0	89.0	86.7	51.7	53.3	80.0	74.4
SONESTA	94.7	89.3	91.7	40.0	46.7	78.3	73.4
OKS 91-1	94.7	94.3	91.7	46.7	41.7	66.7	72.6
FMC 3-91	91.7	94.3	93.0	48.3	31.7	75.0	72.3
PRIMAVERA (FMC 1-90)	83.3	93.0	93.3	33.3	53.3	75.0	71.9
MIRAGE (90173)	91.3	90.3	92.7	43.3	25.7	78.3	70.3
CHEYENNE	96.3	91.3	76.7	41.7	35.7	75.0	69.4
NUMEX-SAHARA	90.0	84.7	88.3	45.0	36.7	70.0	69.1
FMC 5-91	80.0	78.3	89.7	45.0	26.7	76.7	66.1
SULTAN (FMC 6-91)	81.7	89.0	84.7	40.0	27.3	70.0	65.4
JACKPOT (J-912)	71.7	75.3	80.0	33.3	18.3	70.0	58.1
FMC 2-90	75.0	82.7	87.7	25.0	10.7	51.7	55.4
J-27	65.0	90.0	90.0	15.0	9.0	61.7	55.1
GUYMON	58.3	70.3	83.3	21.7	19.0	33.3	47.7
OKS 91-11	13.3	80.3	76.7	18.3	6.0	25.0	36.6
LSD VALUE	14.7	11.3	21.0	29.1	27.0	24.3	9.1

TABLE 9C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/							
NAME	AR1	AZ1	LA2	MO1	TX1	VA1	MEAN
TDS-BM1	28.3	78.7	97.7	88.3	24.3	46.7	60.7
TIFGREEN	13.3	68.7	99.0	68.3	25.0	51.7	54.3
ARIZONA COMMON-VEG.	13.3	81.0	85.0	25.0	23.3	61.7	48.2
MIDLAWN	5.0	65.3	96.3	38.3	25.7	36.7	44.6
MIDFIELD	5.0	71.0	99.0	33.3	25.7	30.0	44.0
TEXTURF 10	3.7	75.3	99.0	25.0	18.3	30.0	41.9
TIFWAY	5.0	67.7	99.0	21.7	13.0	43.3	41.6
STF-1	6.7	73.3	99.0	26.7	16.3	23.3	40.9
FHB-135	8.3	46.0	88.3	43.3	16.7	31.7	39.1
MIDIRON	5.0	62.0	99.0	18.3	15.0	31.7	38.5
LSD VALUE	6.2	12.4	2.2	18.8	13.6	14.1	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 10A.

PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/							
NAME	AR1	AZ1	FL1	LA2	MO1	TX1	MEAN
MIRAGE (90173)	99.0	98.7	84.7	92.7	78.3	99.0	92.1
SONESTA	99.0	97.7	82.7	93.3	71.0	99.0	90.4
SUNDEVIL	97.7	93.0	80.7	83.3	88.3	99.0	90.3
ARIZONA COMMON-SEED	99.0	96.3	78.3	81.7	86.7	99.0	90.2
FMC 3-91	99.0	97.3	80.3	93.0	71.7	99.0	90.1
FMC 5-91	99.0	96.0	72.0	91.3	81.7	99.0	89.8
TDS-BM1	90.0	98.0	69.0	99.0	88.3	87.7	88.7
PRIMAVERA (FMC 1-90)	99.0	97.3	68.0	95.0	72.7	98.7	88.4
CHEYENNE	99.0	96.3	84.3	80.0	72.7	97.7	88.3
NUMEX-SAHARA	99.0	94.3	68.7	86.7	78.3	98.7	87.6
FMC 2-90	99.0	91.3	81.0	90.7	63.3	99.0	87.4
OKS 91-1	99.0	96.3	63.3	91.7	75.0	99.0	87.4
TIFGREEN	83.3	99.0	61.7	99.0	80.0	99.0	87.0
SULTAN (FMC 6-91)	99.0	97.7	67.3	88.0	61.7	99.0	85.4
ARIZONA COMMON-VEG.	91.7	89.7	67.0	91.7	70.0	98.7	84.8
JACKPOT (J-912)	99.0	95.7	54.0	82.7	73.3	99.0	83.9
STF-1	75.0	99.0	77.3	99.0	53.3	99.0	83.8
MIDFIELD	66.7	97.3	59.7	99.0	78.3	99.0	83.3
MIDLAWN	91.7	99.0	38.0	97.7	66.7	99.0	82.0
TEXTURF 10	75.0	96.3	71.3	99.0	46.7	98.3	81.1
GUYMON	99.0	94.3	53.0	78.3	60.0	99.0	80.6
J-27	99.0	98.7	44.7	93.3	45.0	92.7	78.9
MIDIRON	71.7	94.3	45.7	99.0	48.3	93.3	75.4
TIFWAY	66.7	98.7	52.7	99.0	45.0	86.0	74.7
OKS 91-11	93.0	98.3	37.7	78.3	45.0	79.7	72.0
FHB-135	40.0	81.7	36.3	91.7	43.3	76.7	61.6
LSD VALUE	11.7	6.9	20.2	14.5	27.8	11.9	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 10B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/							
NAME	AR1	AZ1	FL1	LA2	MO1	TX1	MEAN
MIRAGE (90173)	99.0	98.7	84.7	92.7	78.3	99.0	92.1
SONESTA	99.0	97.7	82.7	93.3	71.0	99.0	90.4
SUNDEVIL	97.7	93.0	80.7	83.3	88.3	99.0	90.3
ARIZONA COMMON-SEED	99.0	96.3	78.3	81.7	86.7	99.0	90.2
FMC 3-91	99.0	97.3	80.3	93.0	71.7	99.0	90.1
FMC 5-91	99.0	96.0	72.0	91.3	81.7	99.0	89.8
PRIMAVERA (FMC 1-90)	99.0	97.3	68.0	95.0	72.7	98.7	88.4
CHEYENNE	99.0	96.3	84.3	80.0	72.7	97.7	88.3
NUMEX-SAHARA	99.0	94.3	68.7	86.7	78.3	98.7	87.6
FMC 2-90	99.0	91.3	81.0	90.7	63.3	99.0	87.4
OKS 91-1	99.0	96.3	63.3	91.7	75.0	99.0	87.4
SULTAN (FMC 6-91)	99.0	97.7	67.3	88.0	61.7	99.0	85.4
JACKPOT (J-912)	99.0	95.7	54.0	82.7	73.3	99.0	83.9
GUYMON	99.0	94.3	53.0	78.3	60.0	99.0	80.6
J-27	99.0	98.7	44.7	93.3	45.0	92.7	78.9
OKS 91-11	93.0	98.3	37.7	78.3	45.0	79.7	72.0
LSD VALUE	3.0	6.3	22.5	18.4	31.8	8.1	7.4

TABLE 10C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/							
NAME	AR1	AZ1	FL1	LA2	MO1	TX1	MEAN
TDS-BM1	90.0	98.0	69.0	99.0	88.3	87.7	88.7
TIFGREEN	83.3	99.0	61.7	99.0	80.0	99.0	87.0
ARIZONA COMMON-VEG.	91.7	89.7	67.0	91.7	70.0	98.7	84.8
STF-1	75.0	99.0	77.3	99.0	53.3	99.0	83.8
MIDFIELD	66.7	97.3	59.7	99.0	78.3	99.0	83.3
MIDLAWN	91.7	99.0	38.0	97.7	66.7	99.0	82.0
TEXTURF 10	75.0	96.3	71.3	99.0	46.7	98.3	81.1
MIDIRON	71.7	94.3	45.7	99.0	48.3	93.3	75.4
TIFWAY	66.7	98.7	52.7	99.0	45.0	86.0	74.7
FHB-135	40.0	81.7	36.3	91.7	43.3	76.7	61.6
LSD VALUE	18.5	7.6	15.8	2.4	19.9	16.2	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 11A.

FROST TOLERANCE RATINGS OF BERMU DAGRASS CULTIVARS
1992 DATA

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

NAME	AR1	MEAN
MIDIRON	5.7	5.7
MIDFIELD	5.0	5.0
STF-1	5.0	5.0
OKS 91-11	4.3	4.3
TEXTURF 10	4.0	4.0
FHB-135	3.7	3.7
GUYMON	3.7	3.7
J-27	3.7	3.7
MIDLAWN	3.7	3.7
TIFWAY	3.3	3.3
SULTAN (FMC 6-91)	3.0	3.0
FMC 2-90	2.7	2.7
SONESTA	2.7	2.7
TIFGREEN	2.7	2.7
FMC 3-91	2.3	2.3
FMC 5-91	2.3	2.3
JACKPOT (J-912)	2.3	2.3
TDS-BM1	2.3	2.3
ARIZONA COMMON-VEG.	2.0	2.0
PRIMAVERA (FMC 1-90)	2.0	2.0
MIRAGE (90173)	2.0	2.0
SUNDEVIL	2.0	2.0
OKS 91-1	1.7	1.7
NUMEX-SAHARA	1.7	1.7
ARIZONA COMMON-SEED	1.3	1.3
CHEYENNE	1.0	1.0
LSD VALUE	1.2	1.2

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

TABLE 11B. FROST TOLERANCE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

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

NAME	AR1	MEAN
OKS 91-11	4.3	4.3
GUYMON	3.7	3.7
J-27	3.7	3.7
SULTAN (FMC 6-91)	3.0	3.0
FMC 2-90	2.7	2.7
SONESTA	2.7	2.7
FMC 3-91	2.3	2.3
FMC 5-91	2.3	2.3
JACKPOT (J-912)	2.3	2.3
PRIMAVERA (FMC 1-90)	2.0	2.0
MIRAGE (90173)	2.0	2.0
SUNDEVIL	2.0	2.0
OKS 91-1	1.7	1.7
NUMEX-SAHARA	1.7	1.7
ARIZONA COMMON-SEED	1.3	1.3
CHEYENNE	1.0	1.0
LSD VALUE	1.0	1.0

TABLE 11C. FROST TOLERANCE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

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

NAME	AR1	MEAN
MIDIRON	5.7	5.7
MIDFIELD	5.0	5.0
STF-1	5.0	5.0
TEXTURE 10	4.0	4.0
FHB-135	3.7	3.7
MIDLAWN	3.7	3.7
TIEWAY	3.3	3.3
TIFGREEN	2.7	2.7
TDS-BM1	2.3	2.3
ARIZONA COMMON-VEG.	2.0	2.0
LSD VALUE	1.4	1.4

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

TABLE 12A.

FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

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

NAME	MS1	MEAN
MIDFIELD	6.7	6.7
ARIZONA COMMON-VEG.	5.7	5.7
MIDLAWN	5.7	5.7
FHB-135	5.3	5.3
MIDIRON	5.3	5.3
STF-1	5.3	5.3
TIFWAY	5.3	5.3
ARIZONA COMMON-SEED	5.0	5.0
MIRAGE (90173)	5.0	5.0
OKS 91-11	5.0	5.0
TDS-BM1	5.0	5.0
TIFGREEN	5.0	5.0
CHEYENNE	4.7	4.7
FMC 2-90	4.7	4.7
OKS 91-1	4.7	4.7
NUMEX-SAHARA	4.7	4.7
SUNDEVIL	4.7	4.7
TEXTURF 10	4.7	4.7
PRIMAVERA (FMC 1-90)	4.3	4.3
FMC 5-91	4.3	4.3
GUYMON	4.3	4.3
J-27	4.3	4.3
JACKPOT (J-912)	4.3	4.3
FMC 3-91	4.0	4.0
SULTAN (FMC 6-91)	4.0	4.0
SONESTA	4.0	4.0
LSD VALUE	0.9	0.9

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

TABLE 12B. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

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

NAME	MS1	MEAN
ARIZONA COMMON-SEED	5.0	5.0
MIRAGE (90173)	5.0	5.0
OKS 91-11	5.0	5.0
CHEYENNE	4.7	4.7
FMC 2-90	4.7	4.7
OKS 91-1	4.7	4.7
NUMEX-SAHARA	4.7	4.7
SUNDEVIL	4.7	4.7
PRIMAVERA (FMC 1-90)	4.3	4.3
FMC 5-91	4.3	4.3
GUYMON	4.3	4.3
J-27	4.3	4.3
JACKPOT (J-912)	4.3	4.3
FMC 3-91	4.0	4.0
SULTAN (FMC 6-91)	4.0	4.0
SONESTA	4.0	4.0
LSD VALUE	1.0	1.0

TABLE 12C. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

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

NAME	MS1	MEAN
MIDFIELD	6.7	6.7
ARIZONA COMMON-VEG.	5.7	5.7
MIDLAWN	5.7	5.7
FHB-135	5.3	5.3
MIDIRON	5.3	5.3
STF-1	5.3	5.3
TIFWAY	5.3	5.3
TDS-BM1	5.0	5.0
TIFGREEN	5.0	5.0
TEXTURE 10	4.7	4.7
LSD VALUE	0.8	0.8

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

TABLE 13A.

PLANT HEIGHT RATINGS OF BERMUDAGRASS CULTIVARS
1992 DATA

PLANT HEIGHT IN CENTIMETERS 1/		
NAME	AR1	MEAN
CHEYENNE	23.0	23.0
ARIZONA COMMON-SEED	20.3	20.3
SUNDEVIL	18.7	18.7
OKS 91-1	16.0	16.0
MIRAGE (90173)	13.7	13.7
ARIZONA COMMON-VEG.	13.0	13.0
SONESTA	12.7	12.7
PRIMAVERA (FMC 1-90)	12.3	12.3
NUMEX-SAHARA	11.7	11.7
FMC 3-91	10.7	10.7
GUYMON	9.3	9.3
FMC 5-91	8.7	8.7
MIDIRON	8.7	8.7
SULTAN (FMC 6-91)	8.3	8.3
FMC 2-90	7.7	7.7
JACKPOT (J-912)	6.3	6.3
STF-1	6.0	6.0
J-27	5.7	5.7
MIDFIELD	5.3	5.3
MIDLAWN	5.3	5.3
TIFWAY	5.3	5.3
TIFGREEN	4.3	4.3
OKS 91-11	4.0	4.0
TDS-BM1	4.0	4.0
TEXTURE 10	4.0	4.0
FHB-135	3.0	3.0
LSD VALUE	2.8	2.8

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

TABLE 13B. PLANT HEIGHT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1992 DATA

PLANT HEIGHT IN CENTIMETERS 1/		
NAME	AR1	MEAN
CHEYENNE	23.0	23.0
ARIZONA COMMON-SEED	20.3	20.3
SUNDEVIL	18.7	18.7
OKS 91-1	16.0	16.0
MIRAGE (90173)	13.7	13.7
SONESTA	12.7	12.7
PRIMAVERA (FMC 1-90)	12.3	12.3
NUMEX-SAHARA	11.7	11.7
FMC 3-91	10.7	10.7
GUYMON	9.3	9.3
FMC 5-91	8.7	8.7
SULTAN (FMC 6-91)	8.3	8.3
FMC 2-90	7.7	7.7
JACKPOT (J-912)	6.3	6.3
J-27	5.7	5.7
OKS 91-11	4.0	4.0
LSD VALUE	3.3	3.3

TABLE 13C. PLANT HEIGHT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

PLANT HEIGHT IN CENTIMETERS 1/		
NAME	AR1	MEAN
ARIZONA COMMON-VEG.	13.0	55.3
MIDIRON	8.7	48.5
STF-1	6.0	47.8
TDS-BM1	4.0	47.8
TIFGREEN	4.3	47.2
TEXTURE 10	4.0	47.0
MIDFIELD	5.3	46.0
TIFWAY	5.3	46.0
MIDLAWN	5.3	40.2
FHB-135	3.0	28.2
LSD VALUE	1.9	4.9

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

TABLE 14. PERCENT ESTABLISHMENT (FOUR WEEKS AFTER PLANTING) OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

PERCENT ESTABLISHMENT: FOUR WEEKS AFTER PLANTING 1/

NAME	MS1	MEAN
ARIZONA COMMON-VEG.	78.3	78.3
TDS-BM1	78.3	78.3
TEXTURE 10	68.3	68.3
TIFGREEN	63.3	63.3
MIDFIELD	55.0	55.0
MIDIRON	43.3	43.3
STF-1	40.0	40.0
TIFWAY	35.0	35.0
MIDLAWN	25.0	25.0
FHB-135	18.3	18.3
LSD VALUE	13.2	13.2

TABLE 15. PERCENT ESTABLISHMENT (EIGHT WEEKS AFTER PLANTING) OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1992 DATA

PERCENT ESTABLISHMENT: EIGHT WEEKS AFTER PLANTING 1/

NAME	MS1	MEAN
ARIZONA COMMON-VEG.	97.7	97.7
TDS-BM1	91.7	91.7
TEXTURE 10	90.0	90.0
TIFGREEN	90.0	90.0
STF-1	89.7	89.7
MIDIRON	88.3	88.3
MIDFIELD	86.7	86.7
TIFWAY	86.7	86.7
MIDLAWN	75.0	75.0
FHB-135	53.3	53.3
LSD VALUE	9.7	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).