

NATIONAL TURFGRASS EVALUATION PROGRAM

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

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

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

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LOCATIONS SUBMITTING DATA FOR 1993

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn University	AL1
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
California	Santa Ana	CA2
California	Riverside	CA3
Florida	Gainesville	FL1
Georgia	Griffin (high pH)	GA1
Georgia	Griffin (low pH)	GA2
Illinois	Carbondale	IL2
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Louisiana	Calhoun	LA2
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Mississippi	Mississippi State	MS1
Missouri	Columbia	MO1
Missouri	New Franklin	MO2
Nebraska	Lincoln	NE1
Oklahoma	Stillwater	OK1
Texas	Dallas (full sun)	TX1
Texas	Dallas (partial shade)	TX2
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4

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.

1993 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
AL1	-	-	-	-	-	-	-	-
AR1	-	-	-	-	-	FULL SUN	-	-
AZ1	SANDY LOAM	7.6-8.5	0-60	241-375	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
CA2	SANDY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
CA3	SANDY LOAM	6.6-7.0	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
FL1	LOAMY SAND	6.6-7.0	271-450	151-240	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
GA1	SANDY LOAM	5.6-6.0	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
GA2	SANDY LOAM	4.6-5.5	61-150	151-240	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
IL2	SILTY CLAY LOAM	6.1-6.5	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	NO IRRIGATION
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	1.1-2.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
LA2	SANDY LOAM	5.6-6.0	61-150	151-240	2.1-3.0	FULL SUN	1.1-1.5	TO PREVENT STRESS
MD1	SANDY LOAM	6.1-6.5	271-450	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
MO1	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
MO2	SILT LOAM AND SILT	6.1-6.5	61-150	0-150	2.1-3.0	FULL SUN	1.6-2.0	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	SANDY CLAY LOAM	6.6-7.0	151-270	376-500	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
OK1	LOAM	6.6-7.0	61-150	501+	1.1-2.0	LIGHT SHADE	1.6-2.0	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
TX2	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	0.0-1.0	PARTIAL SHADE	2.1-2.5	TO PREVENT STRESS
UB1	LOAM	5.6-6.0	271-450	0-150	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
VA1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
VA4	SANDY LOAM	5.6-6.0	61-150	0-150	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	JANUARY QUALITY RATINGS	FEBRUARY QUALITY RATINGS	MARCH QUALITY RATINGS	APRIL QUALITY RATINGS	MAY QUALITY RATINGS	JUNE QUALITY RATINGS	JULY QUALITY RATINGS	AUGUST QUALITY RATINGS	SEPTEMBER QUALITY RATINGS	OCTOBER QUALITY RATINGS	NOVEMBER QUALITY RATINGS	DECEMBER QUALITY RATINGS
AL1					X	X	X	X	X	X		X
AR1							X	X	X	X		
AZ1				X	X	X	X	X	X	X		
CA2	X	X	X	X	X	X	X	X	X	X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X
FL1					X	X	X	X	X	X	X	
GA1					X	X	X	X	X			X
GA2					X	X	X	X	X			X
IL2						X	X	X	X			
KS2							X	X	X			
KY1				X	X	X	X	X	X	X		
LA2			X	X	X	X	X	X	X			
MD1												
MO1												
MO2						X	X	X	X			
MS1					X	X	X	X	X	X		
NE1								X	X			
OK1										X		
TX1	X	X	X		X	X	X	X	X	X	X	X
TX2					X	X	X	X	X		X	X
UB1								X	X			
VA1						X	X	X	X			
VA4							X		X	X	X	

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	GENETIC COLOR RATINGS	SPRING GREENUP RATINGS	LEAF TEXTURE RATINGS	SEEDLING VIGOR	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALLER
AL1	X									
AR1	X	X					X	X		
AZ1	X	X	X			X	X	X	X	X
CA2	X									
CA3	X									
FL1		X		X	X	X		X	X	X
GA1	X	X					X			X
GA2	X	X					X			X
IL2			X	X					X	
KS2		X								
KY1	X		X					X	X	
LA2					X					
MD1										X
MO1									X	X
MO2	X	X							X	
MS1		X								
NE1	X							X	X	
OK1									X	X
TX1	X		X			X	X	X	X	X
TX2	X	X						X	X	X
UB1				X					X	
VA1	X	X	X					X		
VA4		X								

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1993

LOCATION	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILLR	FALL COLOR COLORSEP	FALL COLOR COLOROCT	FALL COLOR COLORNOV	PERCENT ANNUAL GRASS	FLOWERING JUNE	FLOWERING AUGUST	SCALPING RATINGS SEPTEMBER	SEEDHEAD RATINGS
AL1											
AR1	X						X				X
AZ1		X									
CA2		X				X				X	X
CA3						X					
FL1		X									X
GA1											
GA2											
IL2											
KS2											
KY1											
LA2		X									
MD1		X									
MO1											
MO2											
MS1											
NE1			X								
OK1					X	X					
TX1		X						X	X		
TX2											
UB1				X	X	X					
VA1	X		X								
VA4	X										

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S.
1993 DATA

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

NAME	AL1	AR1	AZ1	CA2	CA3	FL1	GA1	GA2	IL2	KS2	KY1	LA2	MO2	MS1	NE1	OK1	TX1	TX2	UB1	VA1	VA4	MEAN
TDS-BM1	7.5	8.7	6.4	6.1	6.6	7.0	6.7	6.2	8.2	7.8	6.3	7.2	5.2	7.0	8.0	7.7	6.3	5.9	7.7	6.8	6.7	7.0
* TIFGREEN	7.4	8.6	6.6	6.2	6.0	6.4	6.4	6.4	7.8	7.6	6.2	7.3	5.3	6.9	7.8	7.0	6.5	5.2	7.8	6.9	6.8	6.8
* TIFWAY	7.0	7.5	7.0	6.3	6.6	6.6	6.7	5.7	7.7	8.6	6.1	7.1	3.0	7.3	5.0	6.7	6.2	6.0	6.7	7.0	6.8	6.5
* MIDIRON	7.0	7.4	6.0	5.4	6.1	6.6	6.2	5.4	7.1	7.9	5.6	7.1	4.8	5.9	6.7	6.0	6.4	5.8	6.3	6.0	6.3	6.3
* MIDLAWN	6.8	7.6	6.3	5.6	5.9	5.0	5.6	5.5	7.4	7.4	5.0	6.4	4.8	6.0	7.2	7.0	6.6	5.3	6.3	6.5	5.7	6.2
* MIDFIELD	6.3	6.5	6.5	5.8	5.9	6.0	5.6	5.5	7.4	8.0	5.9	6.8	5.5	5.9	6.0	6.7	6.5	5.1	5.5	5.8	5.1	6.1
STF-1	6.6	7.3	5.8	5.9	5.5	5.7	6.1	4.9	5.9	7.8	5.5	6.4	5.0	5.8	6.5	6.7	6.6	5.7	6.5	5.6	5.4	6.1
* TEXTURF 10	6.7	7.5	5.2	6.3	6.0	6.0	6.2	5.4	6.0	7.4	5.8	6.1	4.5	5.6	6.0	6.7	6.4	5.4	6.2	5.6	5.5	6.0
FHB-135	6.3	4.3	6.0	5.1	5.4	6.9	6.3	5.1	8.3	6.4	5.8	6.3	2.5	6.7	5.0	5.0	5.2	5.2	6.2	5.0	6.7	5.7
OKS 91-11	6.3	7.3	6.8	5.4	6.0	5.5	5.3	5.0	5.5	7.2	5.7	4.8	3.8	4.6	6.5	6.0	5.7	4.2	6.2	4.9	5.1	5.6
* JACKPOT (J-912)	6.6	7.3	5.4	5.4	5.4	5.5	5.6	4.8	5.2	7.0	5.0	5.4	3.2	5.0	4.8	7.0	5.8	5.1	6.5	5.8	5.4	5.6
* SULTAN (FMC 6-91)	6.3	7.4	5.7	5.2	5.4	6.0	5.8	5.6	5.7	7.1	4.9	5.2	2.2	5.1	5.5	5.7	5.8	4.7	6.2	5.0	5.6	5.5
J-27	5.8	6.5	6.4	5.3	5.6	5.1	5.2	4.8	4.0	7.8	6.3	5.2	4.4	4.7	5.5	5.3	5.8	5.4	5.5	5.4	5.0	5.5
* MIRAGE (90173)	6.2	5.8	6.0	5.2	5.4	5.9	5.8	5.2	3.8	7.3	5.9	5.5	4.3	5.0	5.0	6.0	5.6	5.1	6.0	4.8	5.1	5.5
FMC 5-91	5.9	6.8	5.3	5.3	5.5	5.4	5.8	5.1	5.5	7.1	4.9	4.8	2.8	4.9	5.0	7.0	5.8	4.8	4.8	4.8	5.0	5.4
FMC 2-90	6.0	6.8	4.9	5.1	5.3	5.8	6.0	5.2	4.7	6.8	5.0	5.0	2.3	4.8	5.0	6.3	4.9	4.7	6.0	4.5	4.8	5.2
* GUYMON	5.8	6.0	6.1	5.3	5.4	4.9	5.9	4.8	2.4	7.3	5.5	5.2	4.6	4.6	4.7	6.3	5.8	4.7	4.7	5.0	4.8	5.2
OKS 91-1	6.1	6.3	5.2	4.8	5.1	5.7	5.8	5.2	4.8	6.6	4.7	4.7	3.1	4.9	.	6.0	5.0	4.9	5.5	4.6	4.7	5.2
FMC 3-91	5.7	5.7	5.8	4.9	5.4	5.5	5.6	5.0	4.6	6.3	4.7	5.3	2.1	4.6	5.0	6.0	5.5	4.9	5.7	4.3	5.1	5.1
* NUMEX-SAHARA	6.2	6.1	5.8	4.9	5.3	5.6	5.6	5.1	5.0	6.2	4.8	5.2	1.9	4.6	4.8	6.0	5.2	4.3	5.5	4.0	4.8	5.1
* SUNDEVIL	6.0	5.8	5.4	5.1	5.3	5.6	5.7	5.3	4.4	6.6	4.9	4.6	2.9	4.8	4.5	6.3	5.1	4.5	5.5	4.1	4.8	5.1
* SONESTA	5.7	5.8	5.7	5.0	5.2	5.9	5.4	4.3	5.2	6.3	4.3	5.0	2.0	4.8	5.3	6.3	5.2	4.7	5.2	4.2	4.5	5.0
* PRIMAVERA (FMC 1-90)	5.4	5.8	4.8	4.9	5.3	5.1	5.5	5.1	4.5	6.1	4.5	4.6	1.9	4.6	5.3	6.3	4.9	4.9	5.2	4.2	4.7	4.9
* CHEYENNE	5.2	5.8	5.2	4.9	5.2	5.4	5.7	4.5	4.3	5.4	3.9	4.3	2.6	4.8	.	6.0	4.8	4.5	6.0	3.5	4.3	4.8
* ARIZONA COMMON-SEED	5.5	5.3	5.1	4.7	5.1	5.5	5.6	5.3	4.1	6.2	3.8	4.4	2.8	4.7	4.5	6.0	4.7	4.1	5.5	3.2	4.3	4.8
* ARIZONA COMMON-VEG.	5.1	5.5	3.8	4.8	4.4	5.0	4.8	4.9	3.8	5.6	4.2	5.0	3.1	4.9	.	6.3	5.0	4.2	5.2	3.9	3.8	4.7
LSD VALUE	0.6	1.0	0.9	0.3	0.4	0.7	0.8	0.7	0.9	0.7	0.5	0.5	1.3	0.4	1.1	1.1	0.5	0.7	0.5	0.9	0.6	0.2

* 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 TWENTY-ONE LOCATIONS IN THE U.S.
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																				MEAN	
	AL1	AR1	AZ1	CA2	CA3	FL1	GA1	GA2	IL2	KS2	KY1	LA2	MO2	MS1	NE1	OK1	TX1	TX2	UB1	VA1		VA4
OKS 91-11	6.3	7.3	6.8	5.4	6.0	5.5	5.3	5.0	5.5	7.2	5.7	4.8	3.8	4.6	6.5	6.0	5.7	4.2	6.2	4.9	5.1	5.6
JACKPOT (J-912)	6.6	7.3	5.4	5.4	5.4	5.5	5.6	4.8	5.2	7.0	5.0	5.4	3.2	5.0	4.8	7.0	5.8	5.1	6.5	5.8	5.4	5.6
SULTAN (FMC 6-91)	6.3	7.4	5.7	5.2	5.4	6.0	5.8	5.6	5.7	7.1	4.9	5.2	2.2	5.1	5.5	5.7	5.8	4.7	6.2	5.0	5.6	5.5
J-27	5.8	6.5	6.4	5.3	5.6	5.1	5.2	4.8	4.0	7.8	6.3	5.2	4.4	4.7	5.5	5.3	5.8	5.4	5.5	5.4	5.0	5.5
MIRAGE (90173)	6.2	5.8	6.0	5.2	5.4	5.9	5.8	5.2	3.8	7.3	5.9	5.5	4.3	5.0	5.0	6.0	5.6	5.1	6.0	4.8	5.1	5.5
FMC 5-91	5.9	6.8	5.3	5.3	5.5	5.4	5.8	5.1	5.5	7.1	4.9	4.8	2.8	4.9	5.0	7.0	5.8	4.8	4.8	4.8	5.0	5.4
FMC 2-90	6.0	6.8	4.9	5.1	5.3	5.8	6.0	5.2	4.7	6.8	5.0	5.0	2.3	4.8	5.0	6.3	4.9	4.7	6.0	4.5	4.8	5.2
GUYMON	5.8	6.0	6.1	5.3	5.4	4.9	5.9	4.8	2.4	7.3	5.5	5.2	4.6	4.6	4.7	6.3	5.8	4.7	4.7	5.0	4.8	5.2
OKS 91-1	6.1	6.3	5.2	4.8	5.1	5.7	5.8	5.2	4.8	6.6	4.7	4.7	3.1	4.9	.	6.0	5.0	4.9	5.5	4.6	4.7	5.2
FMC 3-91	5.7	5.7	5.8	4.9	5.4	5.5	5.6	5.0	4.6	6.3	4.7	5.3	2.1	4.6	5.0	6.0	5.5	4.9	5.7	4.3	5.1	5.1
NUMEX-SAHARA	6.2	6.1	5.8	4.9	5.3	5.6	5.6	5.1	5.0	6.2	4.8	5.2	1.9	4.6	4.8	6.0	5.2	4.3	5.5	4.0	4.8	5.1
SUNDEVIL	6.0	5.8	5.4	5.1	5.3	5.6	5.7	5.3	4.4	6.6	4.9	4.6	2.9	4.8	4.5	6.3	5.1	4.5	5.5	4.1	4.8	5.1
SONESTA	5.7	5.8	5.7	5.0	5.2	5.9	5.4	4.3	5.2	6.3	4.3	5.0	2.0	4.8	5.3	6.3	5.2	4.7	5.2	4.2	4.5	5.0
PRIMAVERA (FMC 1-90)	5.4	5.8	4.8	4.9	5.3	5.1	5.5	5.1	4.5	6.1	4.5	4.6	1.9	4.6	5.3	6.3	4.9	4.9	5.2	4.2	4.7	4.9
CHEYENNE	5.2	5.8	5.2	4.9	5.2	5.4	5.7	4.5	4.3	5.4	3.9	4.3	2.6	4.8	.	6.0	4.8	4.5	6.0	3.5	4.3	4.8
ARIZONA COMMON-SEED	5.5	5.3	5.1	4.7	5.1	5.5	5.6	5.3	4.1	6.2	3.8	4.4	2.8	4.7	4.5	6.0	4.7	4.1	5.5	3.2	4.3	4.8
LSD VALUE	0.6	0.8	1.0	0.2	0.3	0.5	0.9	0.8	1.1	0.8	0.5	0.5	1.5	0.4	1.3	0.9	0.5	0.6	0.5	1.0	0.5	0.2

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S.
1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/																				MEAN	
	AL1	AR1	AZ1	CA2	CA3	FL1	GA1	GA2	IL2	KS2	KY1	LA2	MO2	MS1	NE1	OK1	TX1	TX2	UB1	VA1		VA4
TDS-BM1	7.5	8.7	6.4	6.1	6.6	7.0	6.7	6.2	8.2	7.8	6.3	7.2	5.2	7.0	8.0	7.7	6.3	5.9	7.7	6.8	6.7	7.0
TIFGREEN	7.4	8.6	6.6	6.2	6.0	6.4	6.4	6.4	7.8	7.6	6.2	7.3	5.3	6.9	7.8	7.0	6.5	5.2	7.8	6.9	6.8	6.8
TIFWAY	7.0	7.5	7.0	6.3	6.6	6.6	6.7	5.7	7.7	8.6	6.1	7.1	3.0	7.3	5.0	6.7	6.2	6.0	6.7	7.0	6.8	6.5
MIDIRON	7.0	7.4	6.0	5.4	6.1	6.6	6.2	5.4	7.1	7.9	5.6	7.1	4.8	5.9	6.7	6.0	6.4	5.8	6.3	6.0	6.3	6.3
MIDLAWN	6.8	7.6	6.3	5.6	5.9	5.0	5.6	5.5	7.4	7.4	5.0	6.4	4.8	6.0	7.2	7.0	6.6	5.3	6.3	6.5	5.7	6.2
MIDFIELD	6.3	6.5	6.5	5.8	5.9	6.0	5.6	5.5	7.4	8.0	5.9	6.8	5.5	5.9	6.0	6.7	6.5	5.1	5.5	5.8	5.1	6.1
STF-1	6.6	7.3	5.8	5.9	5.5	5.7	6.1	4.9	5.9	7.8	5.5	6.4	5.0	5.8	6.5	6.7	6.6	5.7	6.5	5.6	5.4	6.1
TEXTURF 10	6.7	7.5	5.2	6.3	6.0	6.0	6.2	5.4	6.0	7.4	5.8	6.1	4.5	5.6	6.0	6.7	6.4	5.4	6.2	5.6	5.5	6.0
FHB-135	6.3	4.3	6.0	5.1	5.4	6.9	6.3	5.1	8.3	6.4	5.8	6.3	2.5	6.7	5.0	5.0	5.2	5.2	6.2	5.0	6.7	5.7
ARIZONA COMMON-VEG.	5.1	5.5	3.8	4.8	4.4	5.0	4.8	4.9	3.8	5.6	4.2	5.0	3.1	4.9	.	6.3	5.0	4.2	5.2	3.9	3.8	4.7
LSD VALUE	0.7	1.2	0.8	0.4	0.5	0.8	0.8	0.5	0.5	0.6	0.5	0.4	1.0	0.4	0.9	1.3	0.5	0.9	0.4	0.6	0.7	0.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN.
STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS 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 TWENTY-ONE LOCATIONS IN THE U.S. 1993 DATA

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

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TDS-BM1	3.9	5.1	6.1	4.9	7.4	7.1	7.0	7.0	7.3	6.9	6.1	6.0	7.0
TIFGREEN	4.0	5.1	5.9	5.0	7.1	7.0	6.9	6.8	7.1	6.9	5.9	5.7	6.8
TIFWAY	4.9	5.0	5.5	5.2	6.8	6.9	6.9	6.6	7.0	6.6	6.1	5.9	6.6
MIDIRON	3.9	4.0	5.3	5.2	6.7	6.6	6.6	6.4	6.7	6.1	5.3	5.4	6.3
MIDLAWN	4.2	4.7	5.8	5.3	6.4	6.7	6.4	6.3	6.1	6.0	4.8	5.3	6.2
MIDFIELD	4.0	4.4	5.7	5.7	6.9	6.7	6.3	6.1	6.2	6.2	5.3	5.1	6.1
STF-1	4.2	5.0	5.4	5.3	6.4	6.3	6.4	6.0	6.1	5.8	5.6	5.6	6.0
TEXTURF 10	4.7	4.9	5.2	4.4	6.4	6.1	6.4	6.3	6.3	6.2	5.3	5.5	6.0
FHB-135	3.4	4.0	4.9	3.9	6.1	5.9	6.1	6.1	6.4	5.6	5.2	4.8	5.7
OKS 91-11	3.8	4.3	5.0	4.9	5.7	5.8	6.0	5.9	5.9	5.7	4.3	4.5	5.6
JACKPOT (J-912)	4.3	5.1	4.9	4.1	5.4	5.7	5.9	5.8	5.7	5.8	4.6	5.0	5.6
SULTAN (FMC 6-91)	4.4	4.9	4.8	4.3	5.4	5.6	5.8	5.7	5.8	5.7	4.9	5.0	5.5
J-27	4.0	4.7	5.0	4.6	5.8	5.8	6.0	5.8	5.7	5.4	4.3	4.9	5.5
MIRAGE (90173)	4.3	4.9	5.0	4.3	5.7	5.8	5.8	5.7	5.7	5.6	4.3	5.0	5.5
FMC 5-91	4.4	5.2	4.6	4.1	5.4	5.2	5.7	5.6	5.6	5.6	4.6	4.9	5.4
FMC 2-90	3.9	4.8	4.7	3.9	5.3	5.4	5.4	5.4	5.4	5.4	4.3	4.7	5.2
GUYMON	4.1	4.4	4.8	4.7	5.9	5.5	5.7	5.3	5.5	5.2	4.1	4.5	5.2
OKS 91-1	4.3	4.8	4.3	3.7	5.4	5.3	5.5	5.3	5.5	5.2	4.1	4.5	5.2
FMC 3-91	4.3	4.7	4.7	4.1	5.2	5.1	5.3	5.4	5.4	5.4	4.4	4.8	5.1
NUMEX-SAHARA	4.3	4.8	4.6	4.4	5.4	5.3	5.3	5.4	5.4	5.3	4.0	4.5	5.1
SUNDEVIL	4.4	4.6	4.4	4.1	5.1	5.2	5.3	5.2	5.5	5.5	4.2	4.4	5.1
SONESTA	4.3	4.7	4.7	4.0	4.9	5.2	5.3	5.2	5.4	5.3	4.1	4.6	5.0
PRIMAVERA (FMC 1-90)	4.2	4.7	4.2	3.7	4.8	4.9	5.1	5.3	5.2	5.0	4.1	4.5	4.9
CHEYENNE	4.1	4.3	4.3	3.9	4.7	4.7	5.0	5.2	5.2	5.2	4.1	4.2	4.8
ARIZONA COMMON-SEED	4.2	4.3	4.2	3.8	4.6	4.7	4.9	5.1	5.2	5.0	3.9	4.2	4.8
ARIZONA COMMON-VEG.	4.0	3.9	4.3	3.7	5.1	4.8	4.6	4.8	4.9	4.8	3.9	4.2	4.7
LSD VALUE	0.6	0.9	0.9	1.5	0.6	0.6	0.5	0.5	0.5	0.5	1.0	0.9	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 2B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDSGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT TWENTY-ONE LOCATIONS IN THE U.S. 1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
OKS 91-11	3.8	4.3	5.0	4.9	5.7	5.8	6.0	5.9	5.9	5.7	4.3	4.5	5.6
JACKPOT (J-912)	4.3	5.1	4.9	4.1	5.4	5.7	5.9	5.8	5.7	5.8	4.6	5.0	5.6
SULTAN (FMC 6-91)	4.4	4.9	4.8	4.3	5.4	5.6	5.8	5.7	5.8	5.7	4.9	5.0	5.5
J-27	4.0	4.7	5.0	4.6	5.8	5.8	6.0	5.8	5.7	5.4	4.3	4.9	5.5
MIRAGE (90173)	4.3	4.9	5.0	4.3	5.7	5.8	5.8	5.7	5.7	5.6	4.3	5.0	5.5
FMC 5-91	4.4	5.2	4.6	4.1	5.4	5.2	5.7	5.6	5.6	5.6	4.6	4.9	5.4
FMC 2-90	3.9	4.8	4.7	3.9	5.3	5.4	5.4	5.4	5.4	5.4	4.3	4.7	5.2
GUYMON	4.1	4.4	4.8	4.7	5.9	5.5	5.7	5.3	5.5	5.2	4.1	4.5	5.2
OKS 91-1	4.3	4.8	4.3	3.7	5.4	5.3	5.5	5.3	5.5	5.2	4.1	4.5	5.2
FMC 3-91	4.3	4.7	4.7	4.1	5.2	5.1	5.3	5.4	5.4	5.4	4.4	4.8	5.1
NUMEX-SAHARA	4.3	4.8	4.6	4.4	5.4	5.3	5.3	5.4	5.4	5.3	4.0	4.5	5.1
SUNDEVIL	4.4	4.6	4.4	4.1	5.1	5.2	5.3	5.2	5.5	5.5	4.2	4.4	5.1
SONESTA	4.3	4.7	4.7	4.0	4.9	5.2	5.3	5.2	5.4	5.3	4.1	4.6	5.0
PRIMAVERA (FMC 1-90)	4.2	4.7	4.2	3.7	4.8	4.9	5.1	5.3	5.2	5.0	4.1	4.5	4.9
CHEYENNE	4.1	4.3	4.3	3.9	4.7	4.7	5.0	5.2	5.2	5.2	4.1	4.2	4.8
ARIZONA COMMON-SEED	4.2	4.3	4.2	3.8	4.6	4.7	4.9	5.1	5.2	5.0	3.9	4.2	4.8
LSD VALUE	0.6	0.9	0.9	1.4	0.7	0.7	0.5	0.5	0.4	0.4	0.9	0.9	0.3

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDSGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT TWENTY-ONE LOCATIONS IN THE U.S. 1993 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TDS-BM1	3.9	5.1	6.1	4.9	7.4	7.1	7.0	7.0	7.3	6.9	6.1	6.0	7.0
TIFGREEN	4.0	5.1	5.9	5.0	7.1	7.0	6.9	6.8	7.1	6.9	5.9	5.7	6.8
TIFWAY	4.9	5.0	5.5	5.2	6.8	6.9	6.9	6.6	7.0	6.6	6.1	5.9	6.6
MIDIRON	3.9	4.0	5.3	5.2	6.7	6.6	6.6	6.4	6.7	6.1	5.3	5.4	6.3
MIDLAWN	4.2	4.7	5.8	5.3	6.4	6.7	6.4	6.3	6.1	6.0	4.8	5.3	6.2
MIDFIELD	4.0	4.4	5.7	5.7	6.9	6.7	6.3	6.1	6.2	6.2	5.3	5.1	6.1
STF-1	4.2	5.0	5.4	5.3	6.4	6.3	6.4	6.0	6.1	5.8	5.6	5.6	6.0
TEXTURF 10	4.7	4.9	5.2	4.4	6.4	6.1	6.4	6.3	6.3	6.2	5.3	5.5	6.0
FHB-135	3.4	4.0	4.9	3.9	6.1	5.9	6.1	6.1	6.4	5.6	5.2	4.8	5.7
ARIZONA COMMON-VEG.	4.0	3.9	4.3	3.7	5.1	4.8	4.6	4.8	4.9	4.8	3.9	4.2	4.7
LSD VALUE	0.6	0.9	0.9	1.7	0.5	0.5	0.5	0.5	0.5	0.5	1.1	0.9	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 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S. 1/
1993 DATA

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

NAME	AL1	AR1	AZ1	CA2	CA3	FL1	GA1	GA2	IL2	KS2	KY1	LA2	MO2	MS1	NE1	OK1	TX1	TX2	UB1	VA1	VA4	MEAN
TDS-BM1	1.0	1.0	5.5	4.0	1.0	1.0	2.0	2.0	2.0	5.0	1.5	2.0	3.0	2.0	1.0	1.0	7.0	2.0	2.0	3.0	3.5	1
TIFGREEN	2.0	2.0	3.0	3.0	4.0	5.0	3.0	1.0	3.0	7.0	3.0	1.0	2.0	3.0	2.0	3.5	4.0	8.5	1.0	2.0	1.0	2
TIFWAY	3.5	4.5	1.0	1.5	2.0	4.0	1.0	3.0	4.0	1.0	4.0	3.5	15.0	1.0	15.5	7.5	8.0	1.0	3.0	1.0	2.0	3
MIDIRON	3.5	6.5	10.0	8.0	3.0	3.0	5.0	8.0	7.0	3.0	10.0	3.5	5.5	6.5	4.0	19.5	5.0	3.0	6.5	5.0	5.0	4
MIDLAWN	5.0	3.0	7.0	7.0	7.5	24.0	16.5	5.5	5.5	8.5	13.0	6.0	5.5	5.0	3.0	3.5	2.0	7.0	6.5	4.0	6.0	5
MIDFIELD	12.0	13.5	4.0	6.0	7.5	7.0	19.5	5.5	5.5	2.0	6.0	5.0	1.0	6.5	7.5	7.5	3.0	10.5	18.5	6.0	12.5	6
STF-1	7.5	10.0	14.0	5.0	10.5	12.0	7.0	20.0	9.0	5.0	12.0	7.0	4.0	8.0	5.5	7.5	1.0	4.0	4.5	8.5	9.5	7
TEXTURF 10	6.0	4.5	21.5	1.5	5.0	8.0	6.0	7.0	8.0	8.5	8.0	9.0	8.0	9.0	7.5	7.5	6.0	5.0	9.5	8.5	8.0	8
FHB-135	10.0	26.0	11.0	17.0	16.0	2.0	4.0	16.5	1.0	19.0	7.0	8.0	20.0	4.0	15.5	26.0	18.0	8.5	9.5	12.0	3.5	9
OKS 91-11	10.0	8.5	2.0	9.5	6.0	19.0	24.0	18.5	11.5	12.0	9.0	21.0	11.0	24.0	5.5	19.5	14.0	25.0	9.5	14.0	12.5	10
JACKPOT (J-912)	7.5	8.5	17.0	9.5	14.0	16.0	19.5	24.0	13.5	15.0	14.5	11.0	12.0	11.5	19.5	3.5	11.5	12.0	4.5	7.0	9.5	11
SULTAN (FMC 6-91)	10.0	6.5	16.0	15.0	13.0	6.0	11.0	4.0	10.0	13.5	16.5	15.5	22.0	10.0	9.5	24.0	11.5	18.0	9.5	12.0	7.0	12
J-27	19.5	13.5	5.5	11.0	9.0	22.0	25.0	23.0	23.0	5.0	1.5	13.5	9.0	20.0	9.5	25.0	9.0	6.0	18.5	10.0	15.5	13
MIRAGE (90173)	13.0	20.5	9.0	14.0	15.0	9.0	13.0	11.0	24.5	10.5	5.0	10.0	10.0	11.5	15.5	19.5	15.0	10.5	13.0	15.5	12.5	14
FMC 5-91	18.0	11.5	19.0	12.5	10.5	20.5	11.0	14.5	11.5	13.5	16.5	20.0	17.5	13.5	15.5	3.5	13.0	16.0	25.0	15.5	15.5	15
FMC 2-90	16.0	11.5	24.0	18.0	18.0	11.0	8.0	12.5	17.0	16.0	14.5	18.5	21.0	17.0	15.5	12.5	24.0	18.0	13.0	18.0	17.5	16
GUYMON	19.5	17.0	8.0	12.5	12.0	26.0	9.0	22.0	26.0	10.5	11.0	13.5	7.0	24.0	21.0	12.5	10.0	20.0	26.0	12.0	19.5	17
OKS 91-1	15.0	15.0	21.5	24.0	24.0	13.0	11.0	12.5	16.0	17.5	21.0	22.0	13.5	15.0	.	19.5	22.0	15.0	18.5	17.0	21.5	18
FMC 3-91	21.0	23.0	13.0	23.0	17.0	17.0	19.5	18.5	18.0	20.5	20.0	12.0	23.0	24.0	15.5	19.5	16.0	13.5	15.0	19.0	12.5	19
NUMEX-SAHARA	14.0	16.0	12.0	20.0	19.5	14.0	16.5	14.5	15.0	22.5	19.0	15.5	25.5	24.0	19.5	19.5	17.0	23.0	18.5	23.0	17.5	20
SUNDEVIL	17.0	20.5	18.0	16.0	19.5	15.0	15.0	10.0	20.0	17.5	18.0	23.5	16.0	19.0	22.5	12.5	20.0	21.5	18.5	22.0	19.5	21
SONESTA	22.0	20.5	15.0	19.0	23.0	10.0	23.0	26.0	13.5	20.5	23.0	18.5	24.0	17.0	11.5	12.5	19.0	18.0	23.0	20.5	23.0	22
PRIMAVERA (FMC 1-90)	24.0	20.5	25.0	22.0	21.0	23.0	22.0	16.5	19.0	24.0	22.0	23.5	25.5	24.0	11.5	12.5	23.0	13.5	23.0	20.5	21.5	23
CHEYENNE	25.0	18.0	20.0	21.0	22.0	20.5	14.0	25.0	21.0	26.0	25.0	26.0	19.0	17.0	.	19.5	25.0	21.5	13.0	25.0	24.5	24
ARIZONA COMMON-SEED	23.0	25.0	23.0	26.0	25.0	18.0	19.5	9.0	22.0	22.5	26.0	25.0	17.5	21.0	22.5	19.5	26.0	26.0	18.5	26.0	24.5	25
ARIZONA COMMON-VEG.	26.0	24.0	26.0	25.0	26.0	25.0	26.0	21.0	24.5	25.0	24.0	17.0	13.5	13.5	.	12.5	21.0	24.0	23.0	24.0	26.0	26

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 (SEEDDED) CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S. 1/
1993 DATA

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

NAME	AL1	AR1	AZ1	CA2	CA3	FL1	GA1	GA2	IL2	KS2	KY1	LA2	MO2	MS1	NE1	OK1	TX1	TX2	UB1	VA1	VA4	MEAN
OKS 91-11	2.5	2.5	1	1.5	1.0	11.0	15	10.5	2.5	4.0	3.0	11.0	4.0	14.0	1.0	11.0	6.0	15.0	2.5	5.0	4.0	1
JACKPOT (J-912)	1.0	2.5	9	1.5	6.0	8.0	11	14.0	4.5	7.0	5.5	2.0	5.0	2.5	10.5	1.5	3.5	3.0	1.0	1.0	2.0	2
SULTAN (FMC 6-91)	2.5	1.0	8	7.0	5.0	1.0	4	1.0	1.0	5.5	7.5	6.5	12.0	1.0	2.5	15.0	3.5	9.0	2.5	3.5	1.0	3
J-27	10.5	6.0	2	3.0	2.0	14.0	16	13.0	14.0	1.0	1.0	4.5	2.0	10.0	2.5	16.0	1.0	1.0	10.0	2.0	6.5	4
MIRAGE (90173)	4.0	12.5	4	6.0	7.0	2.0	6	4.0	15.0	2.5	2.0	1.0	3.0	2.5	7.5	11.0	7.0	2.0	5.0	6.5	4.0	5
FMC 5-91	9.0	4.5	11	4.5	3.0	12.5	4	7.5	2.5	5.5	7.5	10.0	8.5	4.0	7.5	1.5	5.0	7.0	15.0	6.5	6.5	6
FMC 2-90	7.0	4.5	15	9.0	9.0	4.0	1	5.5	8.0	8.0	5.5	8.5	11.0	7.0	7.5	5.0	14.0	9.0	5.0	9.0	8.5	7
GUYMON	10.5	9.0	3	4.5	4.0	16.0	2	12.0	16.0	2.5	4.0	4.5	1.0	14.0	12.0	5.0	2.0	11.0	16.0	3.5	10.5	8
OKS 91-1	6.0	7.0	13	15.0	15.0	5.0	4	5.5	7.0	9.5	12.0	12.0	6.0	5.0	.	11.0	12.0	6.0	10.0	8.0	12.5	9
FMC 3-91	12.0	15.0	6	14.0	8.0	9.0	11	10.5	9.0	11.5	11.0	3.0	13.0	14.0	7.5	11.0	8.0	4.5	7.0	10.0	4.0	10
NUMEX-SAHARA	5.0	8.0	5	11.0	10.5	6.0	9	7.5	6.0	13.5	10.0	6.5	15.5	14.0	10.5	11.0	9.0	14.0	10.0	14.0	8.5	11
SUNDEVIL	8.0	12.5	10	8.0	10.5	7.0	8	3.0	11.0	9.5	9.0	13.5	7.0	9.0	13.5	5.0	11.0	12.5	10.0	13.0	10.5	12
SONESTA	13.0	12.5	7	10.0	14.0	3.0	14	16.0	4.5	11.5	14.0	8.5	14.0	7.0	4.5	5.0	10.0	9.0	13.5	11.5	14.0	13
PRIMAVERA (FMC 1-90)	15.0	12.5	16	13.0	12.0	15.0	13	9.0	10.0	15.0	13.0	13.5	15.5	14.0	4.5	5.0	13.0	4.5	13.5	11.5	12.5	14
CHEYENNE	16.0	10.0	12	12.0	13.0	12.5	7	15.0	12.0	16.0	15.0	16.0	10.0	7.0	.	11.0	15.0	12.5	5.0	15.0	15.5	15
ARIZONA COMMON-SEED	14.0	16.0	14	16.0	16.0	10.0	11	2.0	13.0	13.5	16.0	15.0	8.5	11.0	13.5	11.0	16.0	16.0	10.0	16.0	15.5	16

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
GROWN AT TWENTY-ONE LOCATIONS IN THE U.S. 1/
1993 DATA

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

NAME	AL1	AR1	AZ1	CA2	CA3	FL1	GA1	GA2	IL2	KS2	KY1	LA2	MO2	MS1	NE1	OK1	TX1	TX2	UB1	VA1	VA4	MEAN
TDS-BM1	1.0	1.0	4	4.0	1.0	1	2	2.0	2.0	4.5	1	2.0	3.0	2.0	1.0	1.0	7	2.0	2.0	3.0	3.5	1
TIFGREEN	2.0	2.0	2	3.0	4.0	5	3	1.0	3.0	6.0	2	1.0	2.0	3.0	2.0	2.5	4	7.5	1.0	2.0	1.0	2
TIFWAY	3.5	4.5	1	1.5	2.0	4	1	3.0	4.0	1.0	3	3.5	9.0	1.0	8.5	5.5	8	1.0	3.0	1.0	2.0	3
MIDIRON	3.5	6.0	6	8.0	3.0	3	5	7.0	7.0	3.0	7	3.5	5.5	6.5	4.0	9.0	5	3.0	5.5	5.0	5.0	4
MIDLAWN	5.0	3.0	5	7.0	6.5	9	8	4.5	5.5	7.5	9	6.0	5.5	5.0	3.0	2.5	2	6.0	5.5	4.0	6.0	5
MIDFIELD	9.0	8.0	3	6.0	6.5	6	9	4.5	5.5	2.0	4	5.0	1.0	6.5	6.5	5.5	3	9.0	9.0	6.0	9.0	6
STF-1	7.0	7.0	8	5.0	8.0	8	7	9.0	9.0	4.5	8	7.0	4.0	8.0	5.0	5.5	1	4.0	4.0	7.5	8.0	7
TEXTURF 10	6.0	4.5	9	1.5	5.0	7	6	6.0	8.0	7.5	6	9.0	7.0	9.0	6.5	5.5	6	5.0	7.5	7.5	7.0	8
FHB-135	8.0	10.0	7	9.0	9.0	2	4	8.0	1.0	9.0	5	8.0	10.0	4.0	8.5	10.0	9	7.5	7.5	9.0	3.5	9
ARIZONA COMMON-VEG.	10.0	9.0	10	10.0	10.0	10	10	10.0	10.0	10.0	10	10.0	8.0	10.0	.	8.0	10	10.0	10.0	10.0	10.0	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
1993 DATA

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

NAME	AL1	AR1	AZ1	CA2	CA3	GA1	GA2	KY1	MO2	NE1	TX1	TX2	VA1	MEAN
TIFWAY	6.7	8.7	7.7	8.3	8.0	6.3	6.0	6.7	6.0	6.5	8.0	5.7	8.3	7.1
FHB-135	7.0	9.0	9.0	8.0	8.3	7.0	4.0	6.0	3.7	6.0	7.3	5.3	9.0	6.9
TEXTURF 10	6.7	8.3	7.3	8.3	7.7	6.0	5.3	6.3	4.7	7.0	7.7	5.7	7.7	6.8
TDS-BM1	7.0	8.7	7.3	8.0	8.0	7.0	6.7	4.0	5.3	5.7	8.7	5.7	5.7	6.7
OKS 91-11	6.0	8.0	8.7	8.0	7.0	6.7	4.7	5.0	4.3	6.7	8.0	6.0	7.7	6.7
MIDLRON	6.7	8.3	7.0	7.0	7.3	5.7	5.3	5.7	5.0	6.0	8.3	6.0	7.0	6.6
TIFGREEN	7.0	8.3	6.7	7.0	8.0	5.3	6.7	4.0	5.0	6.0	8.3	6.3	5.7	6.5
STF-1	6.0	6.3	6.0	7.0	7.0	6.3	5.0	6.7	5.0	5.0	8.3	6.0	6.3	6.2
J-27	5.3	6.3	7.3	7.0	7.0	6.3	4.3	5.3	5.3	5.5	7.7	5.7	6.3	6.1
MIDLAWN	5.3	7.0	6.0	6.7	7.3	6.0	5.7	6.0	4.0	6.0	7.7	5.7	6.0	6.1
JACKPOT (J-912)	6.0	7.0	7.0	7.0	7.0	6.3	4.3	3.7	4.3	6.0	7.3	5.7	7.0	6.1
GUYMON	6.7	6.0	7.7	6.7	7.0	6.0	5.0	4.0	4.7	5.7	7.3	6.0	5.7	6.0
NUMEX-SAHARA	6.0	7.0	6.3	7.0	7.0	6.3	5.0	4.0	5.0	6.5	6.7	5.3	5.7	6.0
MIRAGE (90173)	6.0	6.3	7.3	7.0	6.7	6.0	5.3	4.3	5.3	4.7	7.0	6.0	5.7	6.0
FMC 5-91	5.7	7.3	6.3	6.7	6.7	6.3	4.7	4.0	4.7	5.5	7.0	5.7	6.7	5.9
MIDFIELD	5.3	5.7	6.3	6.3	7.0	5.3	5.0	5.3	5.3	6.0	8.7	5.7	5.0	5.9
SULTAN (FMC 6-91)	5.7	7.0	6.7	6.7	6.7	6.0	5.3	4.0	3.7	6.0	7.3	6.0	6.0	5.9
SONESTA	5.7	6.7	6.3	7.0	6.3	6.0	4.3	4.0	5.0	5.5	7.0	5.7	6.3	5.8
FMC 2-90	5.7	7.3	6.3	7.3	7.0	5.7	4.7	4.0	3.3	6.0	7.0	6.0	5.3	5.8
SUNDEVIL	6.0	5.3	6.3	7.0	7.0	6.0	5.0	4.7	5.3	4.0	7.0	5.3	5.3	5.7
OKS 91-1	5.3	5.7	5.7	7.0	6.7	6.0	5.3	3.3	5.3	.	6.3	5.7	5.7	5.7
ARIZONA COMMON-SEED	5.7	5.0	6.7	6.7	5.7	6.3	5.0	4.0	5.7	6.0	6.3	5.3	3.7	5.5
FMC 3-91	5.7	5.3	6.0	7.0	7.0	6.0	4.7	4.0	3.3	6.0	7.0	5.0	5.0	5.5
PRIMAVERA (FMC 1-90)	5.3	5.7	5.7	6.7	6.7	6.0	4.7	4.0	4.0	5.0	7.0	5.0	4.3	5.4
CHEYENNE	5.0	6.0	6.0	6.7	6.0	5.0	4.0	3.7	5.3	.	7.3	5.3	3.3	5.3
ARIZONA COMMON-VEG.	5.3	5.0	5.3	7.0	6.0	5.7	4.7	3.0	5.3	.	7.7	5.0	3.0	5.3
LSD VALUE	1.1	1.3	1.1	0.8	0.8	1.3	1.1	1.0	1.8	1.5	0.9	0.9	1.8	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 4B.

GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/													
	AL1	AR1	AZ1	CA2	CA3	GA1	GA2	KY1	MO2	NE1	TX1	TX2	VA1	MEAN
OXS 91-11	6.0	8.0	8.7	8.0	7.0	6.7	4.7	5.0	4.3	6.7	8.0	6.0	7.7	6.7
J-27	5.3	6.3	7.3	7.0	7.0	6.3	4.3	5.3	5.3	5.5	7.7	5.7	6.3	6.1
JACKPOT (J-912)	6.0	7.0	7.0	7.0	7.0	6.3	4.3	3.7	4.3	6.0	7.3	5.7	7.0	6.1
GUYMON	6.7	6.0	7.7	6.7	7.0	6.0	5.0	4.0	4.7	5.7	7.3	6.0	5.7	6.0
NUMEX-SAHARA	6.0	7.0	6.3	7.0	7.0	6.3	5.0	4.0	5.0	6.5	6.7	5.3	5.7	6.0
MIRAGE (90173)	6.0	6.3	7.3	7.0	6.7	6.0	5.3	4.3	5.3	4.7	7.0	6.0	5.7	6.0
FMC 5-91	5.7	7.3	6.3	6.7	6.7	6.3	4.7	4.0	4.7	5.5	7.0	5.7	6.7	5.9
SULTAN (FMC 6-91)	5.7	7.0	6.7	6.7	6.7	6.0	5.3	4.0	3.7	6.0	7.3	6.0	6.0	5.9
SONESTA	5.7	6.7	6.3	7.0	6.3	6.0	4.3	4.0	5.0	5.5	7.0	5.7	6.3	5.8
FMC 2-90	5.7	7.3	6.3	7.3	7.0	5.7	4.7	4.0	3.3	6.0	7.0	6.0	5.3	5.8
SUNDEVIL	6.0	5.3	6.3	7.0	7.0	6.0	5.0	4.7	5.3	4.0	7.0	5.3	5.3	5.7
OXS 91-1	5.3	5.7	5.7	7.0	6.7	6.0	5.3	3.3	5.3	.	6.3	5.7	5.7	5.7
ARIZONA COMMON-SEED	5.7	5.0	6.7	6.7	5.7	6.3	5.0	4.0	5.7	6.0	6.3	5.3	3.7	5.5
FMC 3-91	5.7	5.3	6.0	7.0	7.0	6.0	4.7	4.0	3.3	6.0	7.0	5.0	5.0	5.5
PRIMAVERA (FMC 1-90)	5.3	5.7	5.7	6.7	6.7	6.0	4.7	4.0	4.0	5.0	7.0	5.0	4.3	5.4
CHEYENNE	5.0	6.0	6.0	6.7	6.0	5.0	4.0	3.7	5.3	.	7.3	5.3	3.3	5.3
LSD VALUE	1.3	1.4	1.2	0.6	0.7	1.4	1.3	0.8	2.1	1.8	0.9	0.8	1.8	0.4

TABLE 4C.

GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/													
	AL1	AR1	AZ1	CA2	CA3	GA1	GA2	KY1	MO2	NE1	TX1	TX2	VA1	MEAN
TIFWAY	6.7	8.7	7.7	8.3	8.0	6.3	6.0	6.7	6.0	6.5	8.0	5.7	8.3	7.1
FHB-135	7.0	9.0	9.0	8.0	8.3	7.0	4.0	6.0	3.7	6.0	7.3	5.3	9.0	6.9
TEXTURF 10	6.7	8.3	7.3	8.3	7.7	6.0	5.3	6.3	4.7	7.0	7.7	5.7	7.7	6.8
TDS-BM1	7.0	8.7	7.3	8.0	8.0	7.0	6.7	4.0	5.3	5.7	8.7	5.7	5.7	6.7
MIDIRON	6.7	8.3	7.0	7.0	7.3	5.7	5.3	5.7	5.0	6.0	8.3	6.0	7.0	6.6
TIFGREEN	7.0	8.3	6.7	7.0	8.0	5.3	6.7	4.0	5.0	6.0	8.3	6.3	5.7	6.5
STF-1	6.0	6.3	6.0	7.0	7.0	6.3	5.0	6.7	5.0	5.0	8.3	6.0	6.3	6.2
MIDLAWN	5.3	7.0	6.0	6.7	7.3	6.0	5.7	6.0	4.0	6.0	7.7	5.7	6.0	6.1
MIDFIELD	5.3	5.7	6.3	6.3	7.0	5.3	5.0	5.3	5.3	6.0	8.7	5.7	5.0	5.9
ARIZONA COMMON-VEG.	5.3	5.0	5.3	7.0	6.0	5.7	4.7	3.0	5.3	.	7.7	5.0	3.0	5.3
LSD VALUE	0.7	1.1	0.9	0.9	0.8	1.1	0.7	1.3	1.1	1.1	1.0	0.9	1.7	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 5A.

SPRING GREENUP RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	AR1	AZ1	FL1	GA1	GA2	KS2	MO2	MS1	TX2	VA1	VA4	MEAN
TIFGREEN	5.3	4.3	5.3	4.7	4.0	8.7	6.0	7.0	7.7	6.7	7.7	6.1
TDS-BM1	5.0	3.3	6.3	4.7	4.0	9.0	6.7	6.7	7.3	6.3	7.7	6.1
MIDIRON	7.7	3.3	5.0	4.3	4.0	8.7	4.3	6.3	7.3	5.7	7.7	5.8
TIFWAY	3.7	6.7	5.3	3.7	3.7	8.3	2.7	6.3	7.7	8.3	7.0	5.8
MIDFIELD	5.7	3.3	5.0	3.3	3.3	9.0	6.7	6.7	7.3	6.3	6.3	5.7
STF-1	6.0	4.0	6.3	4.0	3.0	9.0	4.3	6.3	6.7	5.3	7.0	5.6
MIDLAWN	6.7	3.3	2.3	3.0	3.7	9.0	6.0	5.7	7.0	7.0	7.7	5.6
GUYMON	5.0	5.3	5.3	3.3	3.3	8.7	3.7	6.0	6.7	5.0	6.3	5.3
TEXTURF 10	4.0	3.3	6.0	5.0	3.7	8.3	3.0	6.0	7.3	4.7	7.0	5.3
J-27	4.3	5.3	5.3	3.0	3.7	8.7	4.3	5.0	7.3	5.3	5.3	5.2
OKS 91-11	5.3	4.3	3.7	2.7	4.0	8.7	3.0	4.7	6.0	4.3	6.0	4.8
FHB-135	3.7	6.0	3.3	4.3	2.7	7.3	2.0	6.0	7.3	4.0	5.3	4.7
MIRAGE (90173)	3.7	3.7	6.7	2.3	3.0	7.3	3.0	3.7	7.0	3.0	4.3	4.3
ARIZONA COMMON-VEG.	5.0	2.7	5.3	3.0	3.3	6.3	1.7	5.0	7.0	1.3	5.0	4.2
JACKPOT (J-912)	3.0	2.7	6.3	2.0	3.0	6.3	1.7	3.7	7.0	4.0	4.3	4.0
FMC 5-91	2.7	2.7	6.7	2.7	3.0	6.3	1.7	3.0	7.7	2.3	3.3	3.8
FMC 2-90	3.0	2.3	6.0	2.0	2.7	6.0	1.3	3.0	7.3	2.3	2.7	3.5
SULTAN (FMC 6-91)	2.3	1.7	5.3	2.3	3.0	4.7	1.7	3.0	7.3	2.3	4.0	3.4
OKS 91-1	2.3	2.0	6.7	2.0	3.0	4.3	1.3	2.3	7.3	1.7	3.0	3.3
NUMEX-SAHARA	3.0	2.3	6.7	2.0	3.0	3.7	1.3	2.0	6.7	1.3	2.7	3.2
FMC 3-91	2.3	2.0	6.7	1.3	2.7	3.3	2.0	2.0	7.3	1.3	2.7	3.1
CHEYENNE	1.7	2.0	7.0	2.0	2.3	4.0	1.3	2.3	7.3	1.0	2.0	3.0
SONESTA	2.0	1.3	6.7	1.7	2.0	4.7	1.3	2.0	7.7	1.0	1.7	2.9
SUNDEVIL	2.0	1.7	5.7	1.7	3.0	3.7	1.7	2.0	6.3	1.3	2.0	2.8
PRIMAVERA (FMC 1-90)	1.7	1.7	5.3	1.3	2.3	4.0	1.3	2.0	7.7	1.3	2.0	2.8
ARIZONA COMMON-SEED	1.3	1.7	5.7	1.7	2.3	4.0	1.3	2.3	6.7	1.0	1.7	2.7
LSD VALUE	1.3	1.4	1.5	1.0	0.9	1.1	1.6	0.8	1.2	1.3	1.0	0.4

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

TABLE 5B.

SPRING GREENUP RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AR1	AZ1	FL1	GA1	GA2	KS2	MO2	MS1	TX2	VA1	VA4	MEAN
GUYMON	5.0	5.3	5.3	3.3	3.3	8.7	3.7	6.0	6.7	5.0	6.3	5.3
J-27	4.3	5.3	5.3	3.0	3.7	8.7	4.3	5.0	7.3	5.3	5.3	5.2
OKS 91-11	5.3	4.3	3.7	2.7	4.0	8.7	3.0	4.7	6.0	4.3	6.0	4.8
MIRAGE (90173)	3.7	3.7	6.7	2.3	3.0	7.3	3.0	3.7	7.0	3.0	4.3	4.3
JACKPOT (J-912)	3.0	2.7	6.3	2.0	3.0	6.3	1.7	3.7	7.0	4.0	4.3	4.0
FMC 5-91	2.7	2.7	6.7	2.7	3.0	6.3	1.7	3.0	7.7	2.3	3.3	3.8
FMC 2-90	3.0	2.3	6.0	2.0	2.7	6.0	1.3	3.0	7.3	2.3	2.7	3.5
SULTAN (FMC 6-91)	2.3	1.7	5.3	2.3	3.0	4.7	1.7	3.0	7.3	2.3	4.0	3.4
OKS 91-1	2.3	2.0	6.7	2.0	3.0	4.3	1.3	2.3	7.3	1.7	3.0	3.3
NUMEX-SAHARA	3.0	2.3	6.7	2.0	3.0	3.7	1.3	2.0	6.7	1.3	2.7	3.2
FMC 3-91	2.3	2.0	6.7	1.3	2.7	3.3	2.0	2.0	7.3	1.3	2.7	3.1
CHEYENNE	1.7	2.0	7.0	2.0	2.3	4.0	1.3	2.3	7.3	1.0	2.0	3.0
SONESTA	2.0	1.3	6.7	1.7	2.0	4.7	1.3	2.0	7.7	1.0	1.7	2.9
SUNDEVIL	2.0	1.7	5.7	1.7	3.0	3.7	1.7	2.0	6.3	1.3	2.0	2.8
PRIMAVERA (FMC 1-90)	1.7	1.7	5.3	1.3	2.3	4.0	1.3	2.0	7.7	1.3	2.0	2.8
ARIZONA COMMON-SEED	1.3	1.7	5.7	1.7	2.3	4.0	1.3	2.3	6.7	1.0	1.7	2.7
LSD VALUE	1.2	1.2	1.3	0.9	0.9	1.3	1.7	0.9	1.2	1.4	0.9	0.4

TABLE 5C.

SPRING GREENUP RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AR1	AZ1	FL1	GA1	GA2	KS2	MO2	MS1	TX2	VA1	VA4	MEAN
TIFGREEN	5.3	4.3	5.3	4.7	4.0	8.7	6.0	7.0	7.7	6.7	7.7	6.1
TDS-BM1	5.0	3.3	6.3	4.7	4.0	9.0	6.7	6.7	7.3	6.3	7.7	6.1
MIDIRON	7.7	3.3	5.0	4.3	4.0	8.7	4.3	6.3	7.3	5.7	7.7	5.8
TIFWAY	3.7	6.7	5.3	3.7	3.7	8.3	2.7	6.3	7.7	8.3	7.0	5.8
MIDFIELD	5.7	3.3	5.0	3.3	3.3	9.0	6.7	6.7	7.3	6.3	6.3	5.7
STF-1	6.0	4.0	6.3	4.0	3.0	9.0	4.3	6.3	6.7	5.3	7.0	5.6
MIDLAWN	6.7	3.3	2.3	3.0	3.7	9.0	6.0	5.7	7.0	7.0	7.7	5.6
TEXTURF 10	4.0	3.3	6.0	5.0	3.7	8.3	3.0	6.0	7.3	4.7	7.0	5.3
FHB-135	3.7	6.0	3.3	4.3	2.7	7.3	2.0	6.0	7.3	4.0	5.3	4.7
ARIZONA COMMON-VEG.	5.0	2.7	5.3	3.0	3.3	6.3	1.7	5.0	7.0	1.3	5.0	4.2
LSD VALUE	1.3	1.7	1.8	1.1	0.7	0.9	1.5	0.7	1.2	1.2	1.0	0.4

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

TABLE 6A.

LEAF TEXTURE RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 1/					MEAN
	AZ1	IL2	KY1	TX1	VA1	
FHB-135	8.0	9.0	9.0	9.0	8.3	8.7
TIFGREEN	8.3	9.0	7.3	9.0	8.7	8.5
TDS-BM1	8.3	9.0	6.3	9.0	9.0	8.3
TIFWAY	8.7	8.0	7.0	8.3	8.3	8.1
MIDLAWN	8.0	8.0	5.7	9.0	7.0	7.5
MIDIRON	6.7	6.7	5.3	7.7	7.3	6.7
MIDFIELD	7.0	6.0	4.3	8.3	5.3	6.2
STF-1	6.3	5.7	5.0	7.7	6.0	6.1
JACKPOT (J-912)	5.7	6.3	4.7	7.0	6.0	5.9
TEXTURF 10	5.3	6.0	4.3	7.7	6.3	5.9
OKS 91-11	5.7	5.7	5.0	7.0	5.7	5.8
SULTAN (FMC 6-91)	6.0	5.7	5.0	7.0	5.3	5.8
FMC 5-91	5.7	5.7	4.7	7.0	5.3	5.7
SONESTA	6.7	5.0	4.7	7.0	4.0	5.5
OKS 91-1	5.3	5.0	4.7	7.0	4.3	5.3
FMC 3-91	6.3	4.0	4.7	7.0	4.0	5.2
FMC 2-90	5.0	4.0	4.7	7.0	4.7	5.1
PRIMAVERA (FMC 1-90)	5.3	3.3	5.0	7.0	4.0	4.9
CHEYENNE	5.0	4.0	4.7	7.0	3.0	4.7
NUMEX-SAHARA	5.7	4.3	4.3	7.0	2.3	4.7
MIRAGE (90173)	5.0	3.3	3.0	7.0	4.0	4.5
SUNDEVIL	5.3	4.0	4.0	6.0	3.0	4.5
J-27	4.3	3.7	3.3	7.0	3.7	4.4
ARIZONA COMMON-SEED	5.3	3.3	4.3	7.0	1.3	4.3
ARIZONA COMMON-VEG.	4.0	3.0	3.3	7.0	3.0	4.1
GUYMON	4.0	4.0	3.0	7.0	2.3	4.1
LSD VALUE	1.1	1.7	0.8	1.0	1.8	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 6B. LEAF TEXTURE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AZ1	IL2	KY1	TX1	VA1	MEAN
JACKPOT (J-912)	5.7	6.3	4.7	7.0	6.0	5.9
OKS 91-11	5.7	5.7	5.0	7.0	5.7	5.8
SULTAN (FMC 6-91)	6.0	5.7	5.0	7.0	5.3	5.8
FMC 5-91	5.7	5.7	4.7	7.0	5.3	5.7
SONESTA	6.7	5.0	4.7	7.0	4.0	5.5
OKS 91-1	5.3	5.0	4.7	7.0	4.3	5.3
FMC 3-91	6.3	4.0	4.7	7.0	4.0	5.2
FMC 2-90	5.0	4.0	4.7	7.0	4.7	5.1
PRIMAVERA (FMC 1-90)	5.3	3.3	5.0	7.0	4.0	4.9
CHEYENNE	5.0	4.0	4.7	7.0	3.0	4.7
NUMEX-SAHARA	5.7	4.3	4.3	7.0	2.3	4.7
MIRAGE (90173)	5.0	3.3	3.0	7.0	4.0	4.5
SUNDEVIL	5.3	4.0	4.0	6.0	3.0	4.5
J-27	4.3	3.7	3.3	7.0	3.7	4.4
ARIZONA COMMON-SEED	5.3	3.3	4.3	7.0	1.3	4.3
GUYMON	4.0	4.0	3.0	7.0	2.3	4.1
LSD VALUE	1.3	2.0	0.7	0.7	2.0	0.7

TABLE 6C. LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AZ1	IL2	KY1	TX1	VA1	MEAN
FHB-135	8.0	9.0	9.0	9.0	8.3	8.7
TIFGREEN	8.3	9.0	7.3	9.0	8.7	8.5
TDS-BM1	8.3	9.0	6.3	9.0	9.0	8.3
TIFWAY	8.7	8.0	7.0	8.3	8.3	8.1
MIDLAWN	8.0	8.0	5.7	9.0	7.0	7.5
MIDIRON	6.7	6.7	5.3	7.7	7.3	6.7
MIDFIELD	7.0	6.0	4.3	8.3	5.3	6.2
STF-1	6.3	5.7	5.0	7.7	6.0	6.1
TEXTURF 10	5.3	6.0	4.3	7.7	6.3	5.9
ARIZONA COMMON-VEG.	4.0	3.0	3.3	7.0	3.0	4.1
LSD VALUE	0.7	1.1	0.9	1.3	1.2	0.5

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

TABLE 7B. SEEDLING VIGOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

SEEDLING VIGOR RATINGS 1-9; 9=MAXIMUM VIGOR 1/

NAME	FL1	IL2	UB1	MEAN
SONESTA	7.0	8.7	8.7	8.1
CHEYENNE	7.7	9.0	7.0	7.9
NUMEX-SAHARA	6.3	9.0	7.3	7.6
PRIMAVERA (FMC 1-90)	5.7	9.0	7.7	7.4
SUNDEVIL	7.0	6.3	9.0	7.4
ARIZONA COMMON-SEED	6.7	6.7	8.7	7.3
FMC 3-91	6.3	8.0	7.7	7.3
MIRAGE (90173)	7.3	6.7	7.0	7.0
OKS 91-1	6.0	6.7	7.7	6.8
FMC 5-91	6.0	7.7	5.3	6.3
SULTAN (FMC 6-91)	5.0	7.0	6.7	6.2
FMC 2-90	6.0	8.3	4.0	6.1
J-27	5.0	2.7	6.7	4.8
JACKPOT (J-912)	5.0	5.0	3.7	4.6
GUYMON	4.3	2.7	5.3	4.1
OKS 91-11	3.3	3.7	3.0	3.3
LSD VALUE	1.5	3.3	1.0	1.3

TABLE 7C. VIGOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	FL1	IL2	MEAN
ARIZONA COMMON-VEG.	7.7	8.7	8.2
TDS-BM1	6.3	9.0	7.7
MIDFIELD	6.0	7.7	6.8
STF-1	6.7	7.0	6.8
TIFGREEN	5.7	7.3	6.5
TEXTURF 10	6.3	6.3	6.3
MIDLAWN	4.7	7.3	6.0
MIDIRON	5.0	6.0	5.5
TIFWAY	5.3	4.3	4.8
FHB-135	3.7	2.3	3.0
LSD VALUE	1.1	2.7	1.5

NOTE: VIGOR FOR VEGETATIVE ENTRIES IS SPREAD.

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.

SPRING DENSITY RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	FL1	LA2	MEAN
TDS-BM1	6.3	9.0	7.7
TIFWAY	6.3	9.0	7.7
STF-1	6.7	8.3	7.5
MIDIRCN	5.7	9.0	7.3
TIFGREEN	5.7	9.0	7.3
TEXTURF 10	6.0	8.3	7.2
MIDFIELD	5.0	9.0	7.0
JACKPOT (J-912)	6.7	6.7	6.7
FHB-135	4.3	8.7	6.5
FMC 2-90	6.7	6.3	6.5
FMC 3-91	6.7	6.3	6.5
GUYMON	6.0	7.0	6.5
MIRAGE (90173)	7.0	6.0	6.5
FMC 5-91	6.7	6.0	6.3
OKS 91-1	7.0	5.7	6.3
NUMEX-SAHARA	6.7	6.0	6.3
J-27	5.7	6.7	6.2
SULTAN (FMC 6-91)	5.7	6.3	6.0
SONESTA	7.0	5.0	6.0
SUNDEVIL	6.7	5.3	6.0
MIDLAWN	2.7	9.0	5.8
CHEYENNE	7.0	4.3	5.7
PRIMAVERA (FMC 1-90)	5.7	5.3	5.5
ARIZONA COMMON-VEG.	5.7	5.0	5.3
ARIZONA COMMON-SEED	6.3	4.3	5.3
OKS 91-11	4.3	6.0	5.2
LSD VALUE	1.3	1.1	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 8B. SPRING DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	FL1	LA2	MEAN
JACKPOT (J-912)	6.7	6.7	6.7
FMC 2-90	6.7	6.3	6.5
FMC 3-91	6.7	6.3	6.5
GUYMON	6.0	7.0	6.5
MIRAGE (90173)	7.0	6.0	6.5
FMC 5-91	6.7	6.0	6.3
OKS 91-1	7.0	5.7	6.3
NUMEX-SAHARA	6.7	6.0	6.3
J-27	5.7	6.7	6.2
SULTAN (FMC 6-91)	5.7	6.3	6.0
SONESTA	7.0	5.0	6.0
SUNDEVIL	6.7	5.3	6.0
CHEYENNE	7.0	4.3	5.7
PRIMAVERA (FMC 1-90)	5.7	5.3	5.5
ARIZONA COMMON-SEED	6.3	4.3	5.3
OKS 91-11	4.3	6.0	5.2
LSD VALUE	1.0	1.3	0.8

TABLE 8C. SPRING DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	FL1	LA2	MEAN
TDS-BM1	6.3	9.0	7.7
TIFWAY	6.3	9.0	7.7
STF-1	6.7	8.3	7.5
MIDIRON	5.7	9.0	7.3
TIFGREEN	5.7	9.0	7.3
TEXTURF 10	6.0	8.3	7.2
MIDFIELD	5.0	9.0	7.0
FHB-135	4.3	8.7	6.5
MIDLAWN	2.7	9.0	5.8
ARIZONA COMMON-VEG.	5.7	5.0	5.3
LSD VALUE	1.7	0.7	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 9A.

SUMMER DENSITY RATINGS OF BERMU DAGRASS CULTIVARS
1993 DATA

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

NAME	AZ1	FL1	TX1	MEAN
FHB-135	8.0	7.0	9.0	8.0
TIFGREEN	6.3	7.3	9.0	7.6
TDS-BM1	6.3	7.3	8.7	7.4
TEXTURF 10	5.3	8.0	8.3	7.2
STF-1	5.0	7.7	8.7	7.1
MIDIRON	5.0	7.7	8.3	7.0
TIFWAY	6.3	7.7	7.0	7.0
FMC 3-91	6.0	7.3	7.0	6.8
J-27	5.0	7.3	8.0	6.8
MIDFIELD	5.3	7.3	7.7	6.8
FMC 5-91	4.7	7.7	7.7	6.7
SULTAN (FMC 6-91)	5.0	7.3	7.7	6.7
MIRAGE (90173)	5.3	7.7	7.0	6.7
OKS 91-11	6.0	7.0	7.0	6.7
SONESTA	5.3	7.3	7.3	6.7
MIDLAWN	6.0	6.3	7.3	6.6
JACKPOT (J-912)	5.0	7.0	7.3	6.4
PRIMAVERA (FMC 1-90)	5.0	7.0	7.0	6.3
GUYMON	4.3	7.0	7.7	6.3
NUMEX-SAHARA	5.0	7.3	6.7	6.3
FMC 2-90	4.3	7.7	6.3	6.1
SUNDEVIL	5.0	7.0	6.3	6.1
ARIZONA COMMON-SEED	4.3	7.0	6.7	6.0
CHEYENNE	4.7	7.0	6.3	6.0
OKS 91-1	4.3	7.0	6.3	5.9
ARIZONA COMMON-VEG.	3.3	6.0	6.0	5.1
LSD VALUE	1.2	0.8	1.2	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 9B. SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AZ1	FL1	TX1	MEAN
FMC 3-91	6.0	7.3	7.0	6.8
J-27	5.0	7.3	8.0	6.8
FMC 5-91	4.7	7.7	7.7	6.7
SULTAN (FMC 6-91)	5.0	7.3	7.7	6.7
MIRAGE (90173)	5.3	7.7	7.0	6.7
OKS 91-11	6.0	7.0	7.0	6.7
SONESTA	5.3	7.3	7.3	6.7
JACKPOT (J-912)	5.0	7.0	7.3	6.4
PRIMAVERA (FMC 1-90)	5.0	7.0	7.0	6.3
GUYMON	4.3	7.0	7.7	6.3
NUMEX-SAHARA	5.0	7.3	6.7	6.3
FMC 2-90	4.3	7.7	6.3	6.1
SUNDEVIL	5.0	7.0	6.3	6.1
ARIZONA COMMON-SEED	4.3	7.0	6.7	6.0
CHEYENNE	4.7	7.0	6.3	6.0
OKS 91-1	4.3	7.0	6.3	5.9
LSD VALUE	1.3	0.7	1.3	0.6

TABLE 9C. SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AZ1	FL1	TX1	MEAN
FHB-135	8.0	7.0	9.0	8.0
TIFGREEN	6.3	7.3	9.0	7.6
TDS-BM1	6.3	7.3	8.7	7.4
TEXTURF 10	5.3	8.0	8.3	7.2
STF-1	5.0	7.7	8.7	7.1
MIDIRON	5.0	7.7	8.3	7.0
TIFWAY	6.3	7.7	7.0	7.0
MIDFIELD	5.3	7.3	7.7	6.8
MIDLAWN	6.0	6.3	7.3	6.6
ARIZONA COMMON-VEG.	3.3	6.0	6.0	5.1
LSD VALUE	1.0	0.9	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 10A.

FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/					MEAN
	AR1	AZ1	GA1	GA2	TX1	
FHB-135	8.3	8.7	9.0	9.0	9.0	8.8
TDS-BM1	9.0	8.0	8.7	7.7	8.7	8.4
TIFGREEN	9.0	8.0	7.3	7.3	8.0	7.9
MIDIRON	8.0	7.3	6.0	6.3	8.3	7.2
MIDLAWN	7.7	7.7	5.3	7.0	8.3	7.2
STF-1	7.3	7.0	7.0	6.0	8.7	7.2
TIFWAY	8.3	8.0	6.0	6.3	7.3	7.2
TEXTURF 10	7.7	5.7	6.3	7.0	8.0	6.9
SULTAN (FMC 6-91)	7.3	6.3	6.0	5.3	6.7	6.3
MIDFIELD	7.0	6.7	5.0	5.3	7.3	6.3
JACKPOT (J-912)	7.7	6.0	5.7	5.0	6.7	6.2
MIRAGE (90173)	6.0	6.7	6.0	5.7	6.7	6.2
FMC 2-90	7.3	6.0	6.0	5.3	5.3	6.0
J-27	7.0	5.3	5.7	5.0	6.7	5.9
OKS 91-11	7.3	5.7	5.0	5.0	6.7	5.9
FMC 5-91	6.7	6.0	5.0	5.0	6.7	5.9
FMC 3-91	6.0	5.7	5.7	5.0	5.7	5.6
SONESTA	5.7	5.7	5.3	5.0	6.0	5.5
NUMEX-SAHARA	7.0	5.3	5.0	5.0	5.0	5.5
GUYMON	6.3	4.0	5.0	5.0	6.7	5.4
SUNDEVIL	5.7	5.3	5.3	4.7	5.3	5.3
OKS 91-1	6.0	4.3	5.0	5.0	5.3	5.1
CHEYENNE	5.7	4.7	5.0	4.7	5.0	5.0
PRIMAVERA (FMC 1-90)	5.3	5.0	5.0	5.0	4.3	4.9
ARIZONA COMMON-SEED	5.0	4.3	5.0	5.0	4.7	4.8
ARIZONA COMMON-VEG.	4.7	3.3	5.0	5.0	5.3	4.7
LSD VALUE	1.2	1.3	0.8	1.1	1.4	0.5

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

TABLE 10B. FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/						
NAME	AR1	AZ1	CA1	GA2	TX1	MEAN
SULTAN (FMC 6-91)	7.3	6.3	6.0	5.3	6.7	6.3
JACKPOT (J-912)	7.7	6.0	5.7	5.0	6.7	6.2
MIRAGE (90173)	6.0	6.7	6.0	5.7	6.7	6.2
FMC 2-90	7.3	6.0	6.0	5.3	5.3	6.0
J-27	7.0	5.3	5.7	5.0	6.7	5.9
OKS 91-11	7.3	5.7	5.0	5.0	6.7	5.9
FMC 5-91	6.7	6.0	5.0	5.0	6.7	5.9
FMC 3-91	6.0	5.7	5.7	5.0	5.7	5.6
SONESTA	5.7	5.7	5.3	5.0	6.0	5.5
NUMEX-SAHARA	7.0	5.3	5.0	5.0	5.0	5.5
GUYMON	6.3	4.0	5.0	5.0	6.7	5.4
SUNDEVIL	5.7	5.3	5.3	4.7	5.3	5.3
OKS 91-1	6.0	4.3	5.0	5.0	5.3	5.1
CHEYENNE	5.7	4.7	5.0	4.7	5.0	5.0
PRIMAVERA (FMC 1-90)	5.3	5.0	5.0	5.0	4.3	4.9
ARIZONA COMMON-SEED	5.0	4.3	5.0	5.0	4.7	4.8
LSD VALUE	1.2	1.5	0.7	0.8	1.6	0.5

TABLE 10C. FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/						
NAME	AR1	AZ1	CA1	GA2	TX1	MEAN
FHB-135	8.3	8.7	9.0	9.0	9.0	8.8
TDS-BM1	9.0	8.0	8.7	7.7	8.7	8.4
TIFGREEN	9.0	8.0	7.3	7.3	8.0	7.9
MIDIRON	8.0	7.3	6.0	6.3	8.3	7.2
MIDLAWN	7.7	7.7	5.3	7.0	8.3	7.2
STF-1	7.3	7.0	7.0	6.0	8.7	7.2
TIFWAY	8.3	8.0	6.0	6.3	7.3	7.2
TEXTURF 10	7.7	5.7	6.3	7.0	8.0	6.9
MIDFIELD	7.0	6.7	5.0	5.3	7.3	6.3
ARIZONA COMMON-VEG.	4.7	3.3	5.0	5.0	5.3	4.7
LSD VALUE	1.3	0.7	0.9	1.4	1.2	0.5

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

TABLE 11A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/								
NAME	AR1	FL1	KY1	NE1	TX1	TX2	VA1	MEAN
TDS-BM1	88.3	83.3	95.0	56.7	87.0	63.3	88.3	80.3
MIDIRON	73.3	76.7	73.3	90.0	96.7	50.0	75.0	76.4
TIFGREEN	86.7	78.3	94.3	26.7	99.0	53.3	86.7	75.0
MIDLAWN	91.7	44.7	36.0	90.0	99.0	60.0	90.0	73.0
MIDFIELD	46.3	72.0	71.7	83.3	99.0	50.0	83.3	72.2
J-27	80.0	76.7	75.0	60.0	97.7	43.3	71.7	72.0
STF-1	80.0	83.0	78.3	20.0	99.0	53.3	71.7	69.3
GUYMON	88.3	77.7	48.3	80.0	99.0	26.7	63.3	69.0
TIFWAY	61.7	79.3	76.7	13.3	87.7	63.3	94.3	68.0
TEXTURF 10	60.0	80.0	68.3	16.7	98.7	50.0	61.7	62.2
MIRAGE (90173)	85.0	89.0	40.0	33.3	99.0	46.7	38.3	61.6
OKS 91-11	61.7	64.0	33.3	90.0	86.0	30.0	58.3	60.5
JACKPOT (J-912)	86.7	85.3	20.7	20.0	99.0	43.3	55.0	58.6
FHB-135	60.0	61.3	71.7	16.7	80.0	56.7	60.0	58.0
FMC 2-90	81.7	85.3	21.3	10.0	98.3	40.0	25.0	51.7
SULTAN (FMC 6-91)	81.7	80.3	19.3	3.3	99.0	43.3	23.3	50.0
FMC 5-91	70.0	85.0	18.3	6.7	99.0	43.3	20.0	48.9
ARIZONA COMMON-VEG.	81.7	74.7	18.3	0.0	97.7	50.0	8.3	47.2
OKS 91-1	71.7	88.7	9.3	0.0	99.0	46.7	10.0	46.5
NUMEX-SAHARA	35.0	86.0	10.0	33.3	99.0	43.3	7.7	44.9
FMC 3-91	50.0	87.7	12.3	6.7	99.0	50.0	7.3	44.7
PRIMAVERA (FMC 1-90)	50.0	80.7	6.3	13.3	99.0	43.3	7.7	42.9
SUNDEVIL	43.3	84.3	9.7	13.3	99.0	40.0	7.7	42.5
SONESTA	23.3	90.0	7.0	6.7	99.0	43.3	5.0	39.2
ARIZONA COMMON-SEED	11.7	82.3	3.0	3.3	98.0	43.3	1.3	34.7
CHEYENNE	8.3	89.7	1.7	0.0	97.0	36.7	2.3	33.7
LSD VALUE	26.9	12.4	17.1	31.5	10.7	13.6	18.1	7.5

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

TABLE 11B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	AR1	FL1	KY1	NE1	TX1	TX2	VA1	MEAN
J-27	80.0	76.7	75.0	60.0	97.7	43.3	71.7	72.0
GUYMON	88.3	77.7	48.3	80.0	99.0	26.7	63.3	69.0
MIRAGE (90173)	85.0	89.0	40.0	33.3	99.0	46.7	38.3	61.6
OKS 91-11	61.7	64.0	33.3	90.0	86.0	30.0	58.3	60.5
JACKPOT (J-912)	86.7	85.3	20.7	20.0	99.0	43.3	55.0	58.6
FMC 2-90	81.7	85.3	21.3	10.0	98.3	40.0	25.0	51.7
SULTAN (FMC 6-91)	81.7	80.3	19.3	3.3	99.0	43.3	23.3	50.0
FMC 5-91	70.0	85.0	18.3	6.7	99.0	43.3	20.0	48.9
OKS 91-1	71.7	88.7	9.3	0.0	99.0	46.7	10.0	46.5
NUMEX-SAHARA	35.0	86.0	10.0	33.3	99.0	43.3	7.7	44.9
FMC 3-91	50.0	87.7	12.3	6.7	99.0	50.0	7.3	44.7
PRIMAVERA (FMC 1-90)	50.0	80.7	6.3	13.3	99.0	43.3	7.7	42.9
SUNDEVIL	43.3	84.3	9.7	13.3	99.0	40.0	7.7	42.5
SONESTA	23.3	90.0	7.0	6.7	99.0	43.3	5.0	39.2
ARIZONA COMMON-SEED	11.7	82.3	3.0	3.3	98.0	43.3	1.3	34.7
CHEYENNE	8.3	89.7	1.7	0.0	97.0	36.7	2.3	33.7
LSD VALUE	22.8	8.5	13.3	30.1	5.9	12.1	21.9	6.9

TABLE 11C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	AR1	FL1	KY1	NE1	TX1	TX2	VA1	MEAN
TDS-BM1	88.3	83.3	95.0	56.7	87.0	63.3	88.3	80.3
MIDIRON	73.3	76.7	73.3	90.0	96.7	50.0	75.0	76.4
TIFGREEN	86.7	78.3	94.3	26.7	99.0	53.3	86.7	75.0
MIDLAWN	91.7	44.7	36.0	90.0	99.0	60.0	90.0	73.0
MIDFIELD	46.3	72.0	71.7	83.3	99.0	50.0	83.3	72.2
STF-1	80.0	83.0	78.3	20.0	99.0	53.3	71.7	69.3
TIFWAY	61.7	79.3	76.7	13.3	87.7	63.3	94.3	68.0
TEXTURF 10	60.0	80.0	68.3	16.7	98.7	50.0	61.7	62.2
FHB-135	60.0	61.3	71.7	16.7	80.0	56.7	60.0	58.0
ARIZONA COMMON-VEG.	81.7	74.7	18.3	0.0	97.7	50.0	8.3	47.2
LSD VALUE	32.4	16.9	21.8	33.7	15.5	15.8	9.4	8.5

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

TABLE 12A.

PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS								MEAN
	FL1	IL2	MO1	MO2	NE1	OK1	TX1	TX2	
MIDFIELD	91.7	60.0	50.0	86.7	90.0	13.3	96.0	61.7	68.7
TDS-BM1	93.7	41.7	70.0	86.7	76.7	10.0	90.7	80.0	68.7
MIDLAWN	86.3	68.7	31.7	83.3	90.0	10.0	96.0	70.0	67.0
MIDIRON	94.7	39.3	46.7	70.0	90.0	10.0	96.0	58.3	63.1
TIFGREEN	93.7	58.0	36.7	80.0	43.3	11.7	95.7	55.0	59.3
STF-1	92.7	74.0	48.3	66.7	30.0	10.0	96.0	51.7	58.7
NUMEX-SAHARA	92.0	61.0	1.3	20.0	56.7	50.0	88.7	38.3	51.0
TIFWAY	94.7	30.0	40.0	33.3	36.7	10.0	89.0	73.3	50.9
TEXTURF 10	96.3	45.0	12.0	50.0	30.0	11.7	95.0	60.0	50.0
GUYMON	88.0	1.0	14.0	63.3	86.7	8.3	95.3	30.0	48.3
MIRAGE (90173)	96.3	37.3	12.7	36.7	56.7	13.3	91.7	41.7	48.3
SONESTA	94.0	40.7	3.3	20.0	43.3	55.0	86.0	40.0	47.8
PRIMAVERA (FMC 1-90)	94.3	58.3	1.3	15.0	40.0	36.7	90.0	41.7	47.2
J-27	93.7	6.7	10.3	56.7	56.7	13.3	94.7	43.3	46.9
SUNDEVIL	94.3	46.3	2.7	23.3	40.0	38.3	90.3	36.7	46.5
OKS 91-11	91.7	1.7	14.0	48.3	90.0	5.0	87.7	30.0	46.0
ARIZONA COMMON-SEED	90.3	45.3	1.0	15.0	36.7	46.7	84.3	33.3	44.1
FMC 5-91	95.7	35.3	2.3	20.0	36.7	20.0	94.3	35.0	42.4
FMC 3-91	95.3	30.7	1.0	20.0	20.0	38.3	93.7	40.0	42.4
CHEYENNE	91.7	62.7	1.0	20.0	6.7	35.0	85.0	33.3	41.9
OKS 91-1	92.0	38.3	28.7	20.0	0.0	23.3	92.3	36.7	41.4
FHB-135	90.3	6.3	9.0	21.7	33.3	10.0	72.7	71.7	39.4
FMC 2-90	95.0	22.7	2.0	16.7	43.3	8.3	90.0	36.7	39.3
SULTAN (FMC 6-91)	94.7	33.7	1.0	15.0	13.3	18.3	94.7	38.3	38.6
JACKPOT (J-912)	95.0	16.0	1.0	26.7	30.0	6.7	93.7	40.0	38.6
ARIZONA COMMON-VEG.	78.7	28.3	1.7	26.7	0.0	13.3	92.0	38.3	34.9
LSD VALUE	6.2	51.0	16.3	22.6	50.4	13.2	7.7	16.0	10.0

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

TABLE 12B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/								
	FL1	IL2	MO1	MO2	NE1	OK1	TX1	TX2	MEAN
NUMEX-SAHARA	92.0	61.0	1.3	20.0	56.7	50.0	88.7	38.3	51.0
GUYMON	88.0	1.0	14.0	63.3	86.7	8.3	95.3	30.0	48.3
MIRAGE (90173)	96.3	37.3	12.7	36.7	56.7	13.3	91.7	41.7	48.3
SONESTA	94.0	40.7	3.3	20.0	43.3	55.0	86.0	40.0	47.8
PRIMAVERA (FMC 1-90)	94.3	58.3	1.3	15.0	40.0	36.7	90.0	41.7	47.2
J-27	93.7	6.7	10.3	56.7	56.7	13.3	94.7	43.3	46.9
SUNDEVIL	94.3	46.3	2.7	23.3	40.0	38.3	90.3	36.7	46.5
OKS 91-11	91.7	1.7	14.0	48.3	90.0	5.0	87.7	30.0	46.0
ARIZONA COMMON-SEED	90.3	45.3	1.0	15.0	36.7	46.7	84.3	33.3	44.1
FMC 5-91	95.7	35.3	2.3	20.0	36.7	20.0	94.3	35.0	42.4
FMC 3-91	95.3	30.7	1.0	20.0	20.0	38.3	93.7	40.0	42.4
CHEYENNE	91.7	62.7	1.0	20.0	6.7	35.0	85.0	33.3	41.9
OKS 91-1	92.0	38.3	28.7	20.0	0.0	23.3	92.3	36.7	41.4
FMC 2-90	95.0	22.7	2.0	16.7	43.3	8.3	90.0	36.7	39.3
SULTAN (FMC 6-91)	94.7	33.7	1.0	15.0	13.3	18.3	94.7	38.3	38.6
JACKPOT (J-912)	95.0	16.0	1.0	26.7	30.0	6.7	93.7	40.0	38.6
LSD VALUE	4.3	62.1	17.0	26.1	52.8	16.7	4.3	10.7	11.2

TABLE 12C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

NAME	PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/										
	FL1	IL2	KY1	MO1	MO2	NE1	OK1	TX1	TX2	UB1	MEAN
TDS-BM1	93.7	41.7	99.0	70.0	86.7	76.7	10.0	90.7	80.0	86.7	73.5
MIDFIELD	91.7	60.0	98.7	50.0	86.7	90.0	13.3	96.0	61.7	60.0	70.8
MIDLAWN	86.3	68.7	91.7	31.7	83.3	90.0	10.0	96.0	70.0	55.0	68.3
MIDIRON	94.7	39.3	90.7	46.7	70.0	90.0	10.0	96.0	58.3	76.7	67.2
TIFGREEN	93.7	58.0	98.7	36.7	80.0	43.3	11.7	95.7	55.0	80.0	65.3
STF-1	92.7	74.0	96.0	48.3	66.7	30.0	10.0	96.0	51.7	63.3	62.9
TEXTURF 10	96.3	45.0	97.3	12.0	50.0	30.0	11.7	95.0	60.0	76.7	57.4
TIFWAY	94.7	30.0	96.0	40.0	33.3	36.7	10.0	89.0	73.3	46.7	55.0
ARIZONA COMMON-VEG.	78.7	28.3	88.3	1.7	26.7	0.0	13.3	92.0	38.3	90.0	45.7
FHB-135	90.3	6.3	96.0	9.0	21.7	33.3	10.0	72.7	71.7	33.3	44.4
LSD VALUE	8.4	24.1	3.8	15.0	15.3	46.4	2.9	11.1	22.0	9.2	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 13A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	FL1	GA1	GA2	MD1	MO1	OK1	TX1	TX2	MEAN
MIRAGE (90173)	96.3	99.0	97.7	91.7	18.3	81.3	94.7	21.7	75.1
TDS-BM1	94.0	99.0	97.7	78.3	68.3	11.7	94.0	51.7	74.3
FMC 5-91	96.3	99.0	97.7	90.0	2.7	91.7	94.3	17.3	73.6
SONESTA	94.0	99.0	93.0	91.7	2.7	99.0	93.3	15.7	73.5
SULTAN (FMC 6-91)	95.7	99.0	99.0	86.7	1.3	84.7	95.3	25.0	73.3
PRIMAVERA (FMC 1-90)	95.0	99.0	97.7	80.0	2.7	97.7	92.7	13.3	72.3
GUYMON	89.3	99.0	99.0	85.0	21.7	75.0	93.7	15.0	72.2
FMC 3-91	95.0	97.7	99.0	75.0	1.0	94.3	95.0	20.0	72.1
SUNDEVIL	94.7	97.7	99.0	80.0	5.7	94.7	92.3	11.7	72.0
MIDFIELD	94.7	97.7	95.0	94.7	48.3	16.7	96.0	31.7	71.8
OKS 91-1	93.3	99.0	99.0	81.7	7.3	86.0	90.7	15.0	71.5
J-27	95.7	99.0	97.7	86.7	15.3	58.3	93.7	20.0	70.8
NUMEX-SAHARA	92.3	99.0	97.7	70.0	3.3	97.7	92.7	11.0	70.5
ARIZONA COMMON-SEED	90.0	99.0	97.7	70.0	1.0	99.0	90.7	15.0	70.3
STF-1	94.3	99.0	91.7	80.0	50.0	13.3	96.0	35.0	69.9
MIDIRON	96.0	99.0	90.0	95.0	41.7	11.7	95.3	28.3	69.6
FMC 2-90	95.3	99.0	99.0	60.0	3.7	88.3	93.0	13.3	69.0
CHEYENNE	91.0	99.0	97.7	55.0	1.0	93.0	92.0	21.7	68.8
JACKPOT (J-912)	95.7	97.7	96.0	71.7	1.3	51.7	93.7	25.0	66.6
MIDLAWN	95.0	99.0	93.0	90.0	18.3	10.0	95.3	31.7	66.5
TIFWAY	95.3	99.0	94.7	20.0	38.3	10.0	93.0	55.0	63.2
TIFGREEN	93.3	97.7	94.7	41.7	36.7	11.7	96.0	28.3	62.5
OKS 91-11	95.0	99.0	94.7	85.0	17.0	5.0	95.3	6.7	62.2
TEXTURF 10	97.0	97.7	96.0	16.7	11.3	15.0	95.0	23.3	56.5
ARIZONA COMMON-VEG.	78.7	97.7	96.3	3.3	1.3	15.0	92.3	23.3	51.0
FHB-135	92.3	83.3	76.7	1.7	5.3	10.0	89.3	35.0	49.2
LSD VALUE	6.2	2.7	5.3	20.7	13.7	19.4	3.2	19.8	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 EQUAL TO OR LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

TABLE 13B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	FL1	GA1	GA2	MD1	MO1	OK1	TX1	TX2	MEAN
MIRAGE (90173)	96.3	99.0	97.7	91.7	18.3	81.3	94.7	21.7	75.1
FMC 5-91	96.3	99.0	97.7	90.0	2.7	91.7	94.3	17.3	73.6
SONESTA	94.0	99.0	93.0	91.7	2.7	99.0	93.3	15.7	73.5
SULTAN (FMC 6-91)	95.7	99.0	99.0	86.7	1.3	84.7	95.3	25.0	73.3
PRIMAVERA (FMC 1-90)	95.0	99.0	97.7	80.0	2.7	97.7	92.7	13.3	72.3
GUYMON	89.3	99.0	99.0	85.0	21.7	75.0	93.7	15.0	72.2
FMC 3-91	95.0	97.7	99.0	75.0	1.0	94.3	95.0	20.0	72.1
SUNDEVIL	94.7	97.7	99.0	80.0	5.7	94.7	92.3	11.7	72.0
OKS 91-1	93.3	99.0	99.0	81.7	7.3	86.0	90.7	15.0	71.5
J-27	95.7	99.0	97.7	86.7	15.3	58.3	93.7	20.0	70.8
NUMEX-SAHARA	92.3	99.0	97.7	70.0	3.3	97.7	92.7	11.0	70.5
ARIZONA COMMON-SEED	90.0	99.0	97.7	70.0	1.0	99.0	90.7	15.0	70.3
FMC 2-90	95.3	99.0	99.0	60.0	3.7	88.3	93.0	13.3	69.0
CHEYENNE	91.0	99.0	97.7	55.0	1.0	93.0	92.0	21.7	68.8
JACKPOT (J-912)	95.7	97.7	96.0	71.7	1.3	51.7	93.7	25.0	66.6
OKS 91-11	95.0	99.0	94.7	85.0	17.0	5.0	95.3	6.7	62.2
LSD VALUE	4.4	1.6	4.7	21.5	13.3	24.5	3.5	15.2	4.9

TABLE 13C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	FL1	GA1	GA2	MD1	MO1	OK1	TX1	TX2	MEAN
TDS-BM1	94.0	99.0	97.7	78.3	68.3	11.7	94.0	51.7	74.3
MIDFIELD	94.7	97.7	95.0	94.7	48.3	16.7	96.0	31.7	71.8
STF-1	94.3	99.0	91.7	80.0	50.0	13.3	96.0	35.0	69.9
MIDIRON	96.0	99.0	90.0	95.0	41.7	11.7	95.3	28.3	69.6
MIDLAWN	95.0	99.0	93.0	90.0	18.3	10.0	95.3	31.7	66.5
TIFWAY	95.3	99.0	94.7	20.0	38.3	10.0	93.0	55.0	63.2
TIFGREEN	93.3	97.7	94.7	41.7	36.7	11.7	96.0	28.3	62.5
TEXTURF 10	97.0	97.7	96.0	16.7	11.3	15.0	95.0	23.3	56.5
ARIZONA COMMON-VEG.	78.7	97.7	96.3	3.3	1.3	15.0	92.3	23.3	51.0
FHB-135	92.3	83.3	76.7	1.7	5.3	10.0	89.3	35.0	49.2
LSD VALUE	8.3	3.8	6.2	19.4	14.4	4.2	2.7	25.6	4.7

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

TABLE 14A.

FROST TOLERANCE RATINGS OF BERMU DAGRASS CULTIVARS
1993 DATA

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

NAME	AR1	VA1	VA4	MEAN
TIFWAY	7.7	4.7	6.7	6.3
MIDFIELD	7.7	5.0	5.0	5.9
ARIZONA COMMON-VEG.	6.7	5.0	5.0	5.6
OKS 91-11	8.0	5.0	3.7	5.6
ARIZONA COMMON-SEED	6.3	5.3	5.0	5.6
MIDLAWN	6.0	5.3	5.3	5.6
GUYMON	7.0	5.0	4.0	5.3
SUNDEVIL	6.0	5.0	5.0	5.3
CHEYENNE	6.7	4.0	5.0	5.2
TEXTURF 10	5.7	4.0	5.7	5.1
J-27	5.0	6.0	4.0	5.0
NUMEX-SAHARA	4.7	5.7	4.3	4.9
SONESTA	5.3	4.3	5.0	4.9
MIRAGE (90173)	5.0	4.7	4.7	4.8
STF-1	5.7	4.0	4.3	4.7
FMC 5-91	4.7	5.0	4.0	4.6
PRIMAVERA (FMC 1-90)	5.0	3.7	5.0	4.6
FMC 2-90	4.3	4.7	4.3	4.4
FMC 3-91	4.3	4.0	5.0	4.4
OKS 91-1	4.3	4.0	5.0	4.4
TDS-BM1	6.3	3.0	3.7	4.3
MIDIRON	6.0	3.7	3.0	4.2
SULTAN (FMC 6-91)	4.0	4.0	4.3	4.1
JACKPOT (J-912)	3.7	3.3	4.0	3.7
TIFGREEN	3.3	2.7	3.3	3.1
FHB-135	2.7	3.0	2.3	2.7
LSD VALUE	1.8	1.6	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 14B. FROST TOLERANCE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AR1	VA1	VA4	MEAN
OKS 91-11	8.0	5.0	3.7	5.6
ARIZONA COMMON-SEED	6.3	5.3	5.0	5.6
GUYMON	7.0	5.0	4.0	5.3
SUNDEVIL	6.0	5.0	5.0	5.3
CHEYENNE	6.7	4.0	5.0	5.2
J-27	5.0	6.0	4.0	5.0
NUMEX-SAHARA	4.7	5.7	4.3	4.9
SONESTA	5.3	4.3	5.0	4.9
MIRAGE (90173)	5.0	4.7	4.7	4.8
FMC 5-91	4.7	5.0	4.0	4.6
PRIMAVERA (FMC 1-90)	5.0	3.7	5.0	4.6
FMC 2-90	4.3	4.7	4.3	4.4
FMC 3-91	4.3	4.0	5.0	4.4
OKS 91-1	4.3	4.0	5.0	4.4
SULTAN (FMC 6-91)	4.0	4.0	4.3	4.1
JACKPOT (J-912)	3.7	3.3	4.0	3.7
LSD VALUE	1.4	1.6	0.7	0.8

TABLE 14C. FROST TOLERANCE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AR1	VA1	VA4	MEAN
TIFWAY	7.7	4.7	6.7	6.3
MIDFIELD	7.7	5.0	5.0	5.9
ARIZONA COMMON-VEG.	6.7	5.0	5.0	5.6
MIDLAWN	6.0	5.3	5.3	5.6
TEXTURF 10	5.7	4.0	5.7	5.1
STF-1	5.7	4.0	4.3	4.7
TDS-BM1	6.3	3.0	3.7	4.3
MIDIRON	6.0	3.7	3.0	4.2
TIFGREEN	3.3	2.7	3.3	3.1
FHB-135	2.7	3.0	2.3	2.7
LSD VALUE	2.3	1.5	1.1	1.0

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

TABLE 15A.

WINTER COLOR RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	AZ1	CA2	FL1	LA2	MD1	TX1	MEAN
TIFWAY	6.7	8.0	4.7	2.3	6.0	1.0	4.8
TDS-BM1	5.7	5.3	6.3	2.0	5.7	1.0	4.3
TEXTURF 10	5.0	7.3	6.3	1.7	4.7	1.0	4.3
MIRAGE (90173)	5.0	7.0	8.0	1.0	3.7	1.0	4.3
TIFGREEN	6.0	5.0	5.3	2.7	5.7	1.0	4.3
STF-1	5.0	5.3	7.0	1.7	5.3	1.0	4.2
CHEYENNE	5.0	6.3	7.7	1.0	4.0	1.0	4.2
FMC 2-90	5.3	6.3	7.7	1.0	3.7	1.0	4.2
NUMEX-SAHARA	4.7	6.3	8.0	1.0	4.0	1.0	4.2
JACKPOT (J-912)	5.3	7.0	6.7	1.0	3.3	1.0	4.1
MIDFIELD	5.3	5.0	5.7	2.0	5.3	1.0	4.1
ARIZONA COMMON-VEG.	4.7	6.0	5.3	1.7	5.0	1.0	3.9
SUNDEVIL	4.3	6.0	7.3	1.0	3.7	1.0	3.9
FMC 3-91	3.7	6.3	7.7	1.0	3.3	1.0	3.8
FMC 5-91	5.3	6.0	6.7	1.0	3.0	1.0	3.8
ARIZONA COMMON-SEED	4.0	6.0	7.0	1.0	3.3	1.0	3.7
GUYMON	6.0	6.0	5.3	1.0	3.0	1.0	3.7
OKS 91-1	4.0	6.0	7.3	1.0	3.0	1.0	3.7
SONESTA	4.3	5.3	7.7	1.0	3.0	1.0	3.7
SULTAN (FMC 6-91)	4.7	6.0	6.3	1.0	3.0	1.0	3.7
J-27	5.3	5.7	5.0	1.0	3.3	1.0	3.6
FHB-135	6.0	3.3	2.7	2.3	5.0	1.7	3.5
PRIMAVERA (FMC 1-90)	3.7	5.3	6.0	1.0	3.3	1.0	3.4
OKS 91-11	5.7	5.3	3.7	1.0	3.0	1.0	3.3
MIDLAWN	5.0	4.0	3.0	1.3	5.0	1.0	3.2
MIDIRON	4.7	3.0	4.0	1.7	4.3	1.0	3.1
LSD VALUE	1.4	1.0	1.3	0.6	1.2	0.4	0.4

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

TABLE 15B. WINTER COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	AZ1	CA2	FL1	LA2	MD1	TX1	MEAN
MIRAGE (90173)	5.0	7.0	8.0	1	3.7	1	4.3
CHEYENNE	5.0	6.3	7.7	1	4.0	1	4.2
FMC 2-90	5.3	6.3	7.7	1	3.7	1	4.2
NUMEX-SAHARA	4.7	6.3	8.0	1	4.0	1	4.2
JACKPOT (J-912)	5.3	7.0	6.7	1	3.3	1	4.1
SUNDEVIL	4.3	6.0	7.3	1	3.7	1	3.9
FMC 3-91	3.7	6.3	7.7	1	3.3	1	3.8
FMC 5-91	5.3	6.0	6.7	1	3.0	1	3.8
ARIZONA COMMON-SEED	4.0	6.0	7.0	1	3.3	1	3.7
GUYMON	6.0	6.0	5.3	1	3.0	1	3.7
OKS 91-1	4.0	6.0	7.3	1	3.0	1	3.7
SONESTA	4.3	5.3	7.7	1	3.0	1	3.7
SULTAN (FMC 6-91)	4.7	6.0	6.3	1	3.0	1	3.7
J-27	5.3	5.7	5.0	1	3.3	1	3.6
PRIMAVERA (FMC 1-90)	3.7	5.3	6.0	1	3.3	1	3.4
OKS 91-11	5.7	5.3	3.7	1	3.0	1	3.3
LSD VALUE	1.5	1.0	1.1	0	0.8	0	0.4

TABLE 15C. WINTER COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	AZ1	CA2	FL1	LA2	MD1	TX1	MEAN
TIFWAY	6.7	8.0	4.7	2.3	6.0	1.0	4.8
TDS-BM1	5.7	5.3	6.3	2.0	5.7	1.0	4.3
TEXTURF 10	5.0	7.3	6.3	1.7	4.7	1.0	4.3
TIFGREEN	6.0	5.0	5.3	2.7	5.7	1.0	4.3
STF-1	5.0	5.3	7.0	1.7	5.3	1.0	4.2
MIDFIELD	5.3	5.0	5.7	2.0	5.3	1.0	4.1
ARIZONA COMMON-VEG.	4.7	6.0	5.3	1.7	5.0	1.0	3.9
FHB-135	6.0	3.3	2.7	2.3	5.0	1.7	3.5
MIDLAWN	5.0	4.0	3.0	1.3	5.0	1.0	3.2
MIDIRON	4.7	3.0	4.0	1.7	4.3	1.0	3.1
LSD VALUE	1.0	1.2	1.6	1.0	1.7	0.6	0.5

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

TABLE 16A.

PERCENT WINTER KILL RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/			
NAME	NE1	VA1	MEAN
CHEYENNE	99.0	80.0	89.5
NUMEX-SAHARA	93.0	70.0	81.5
ARIZONA COMMON-SEED	96.0	66.0	81.0
ARIZONA COMMON-VEG.	96.0	63.3	79.7
FMC 3-91	96.0	58.3	77.2
SUNDEVIL	93.0	56.7	74.8
SONESTA	93.0	55.0	74.0
OKS 91-1	99.0	46.7	72.8
FHB-135	93.0	45.0	69.0
SULTAN (FMC 6-91)	96.0	38.3	67.2
PRIMAVERA (FMC 1-90)	90.0	42.0	66.0
FMC 2-90	90.0	35.0	62.5
FMC 5-91	93.0	31.7	62.3
TEXTURF 10	96.0	21.7	58.8
JACKPOT (J-912)	93.0	15.0	54.0
STF-1	96.0	8.3	52.2
MIRAGE (90173)	86.7	15.0	50.8
TDS-BM1	93.0	1.7	47.3
TIFGREEN	93.0	1.7	47.3
TIFWAY	93.0	0.0	46.5
GUYMON	73.3	10.0	41.7
MIDFIELD	66.7	3.3	35.0
OKS 91-11	53.3	11.7	32.5
J-27	53.0	1.7	27.3
MIDIRON	40.0	5.0	22.5
MIDLAWN	33.3	1.7	17.5
LSD VALUE	22.2	26.3	17.2

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

TABLE 16B. PERCENT WINTER KILL RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	NE1	VA1	MEAN
CHEYENNE	99.0	80.0	89.5
NUMEX-SAHARA	93.0	70.0	81.5
ARIZONA COMMON-SEED	96.0	66.0	81.0
FMC 3-91	96.0	58.3	77.2
SUNDEVIL	93.0	56.7	74.8
SONESTA	93.0	55.0	74.0
OKS 91-1	99.0	46.7	72.8
SULTAN (FMC 6-91)	96.0	38.3	67.2
PRIMAVERA (FMC 1-90)	90.0	42.0	66.0
FMC 2-90	90.0	35.0	62.5
FMC 5-91	93.0	31.7	62.3
JACKPOT (J-912)	93.0	15.0	54.0
MIRAGE (90173)	86.7	15.0	50.8
GUYMON	73.3	10.0	41.7
OKS 91-11	53.3	11.7	32.5
J-27	53.0	1.7	27.3
LSD VALUE	19.7	26.7	16.6

TABLE 16C. PERCENT WINTER KILL RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 1/

NAME	NE1	VA1	MEAN
ARIZONA COMMON-VEG.	96.0	63.3	79.7
FHB-135	93.0	45.0	69.0
TEXTURE 10	96.0	21.7	58.8
STF-1	96.0	8.3	52.2
TDS-BM1	93.0	1.7	47.3
TIFGREEN	93.0	1.7	47.3
TIFWAY	93.0	0.0	46.5
MIDFIELD	66.7	3.3	35.0
MIDIRON	40.0	5.0	22.5
MIDLAWN	33.3	1.7	17.5
LSD VALUE	25.7	25.6	18.1

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 17A. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	UB1	MEAN
ARIZONA COMMON-SEED	9.0	9.0
FHB-135	9.0	9.0
TDS-BM1	9.0	9.0
TIFGREEN	9.0	9.0
TIFWAY	9.0	9.0
MIDFIELD	8.7	8.7
MIRAGE (90173)	8.7	8.7
ARIZONA COMMON-VEG.	8.3	8.3
CHEYENNE	8.3	8.3
PRIMAVERA (FMC 1-90)	8.3	8.3
STF-1	8.3	8.3
SUNDEVIL	8.3	8.3
FMC 2-90	8.0	8.0
FMC 3-91	8.0	8.0
SULTAN (FMC 6-91)	8.0	8.0
J-27	8.0	8.0
JACKPOT (J-912)	8.0	8.0
MIDIRON	8.0	8.0
MIDLAWN	8.0	8.0
OKS 91-1	8.0	8.0
NUMEX-SAHARA	8.0	8.0
SONESTA	8.0	8.0
TEXTURF 10	8.0	8.0
FMC 5-91	7.7	7.7
OKS 91-11	7.3	7.3
GUYMON	7.0	7.0
LSD VALUE	0.5	0.5

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

TABLE 17B. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	UB1	MEAN
ARIZONA COMMON-SEED	9.0	9.0
MIRAGE (90173)	8.7	8.7
CHEYENNE	8.3	8.3
PRIMAVERA (FMC 1-90)	8.3	8.3
SUNDEVIL	8.3	8.3
FMC 2-90	8.0	8.0
FMC 3-91	8.0	8.0
SULTAN (FMC 6-91)	8.0	8.0
J-27	8.0	8.0
JACKPOT (J-912)	8.0	8.0
OKS 91-1	8.0	8.0
NUMEX-SAHARA	8.0	8.0
SONESTA	8.0	8.0
FMC 5-91	7.7	7.7
OKS 91-11	7.3	7.3
GUYMON	7.0	7.0
LSD VALUE	0.6	0.6

TABLE 17C. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	UB1	MEAN
FHB-135	9.0	9.0
TDS-BM1	9.0	9.0
TIFGREEN	9.0	9.0
TIFWAY	9.0	9.0
MIDFIELD	8.7	8.7
ARIZONA COMMON-VEG.	8.3	8.3
STF-1	8.3	8.3
MIDIRON	8.0	8.0
MIDLAWN	8.0	8.0
TEXTURF 10	8.0	8.0
LSD VALUE	0.5	0.5

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

TABLE 18A.

FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	OK1	UB1	MEAN
TIFWAY	6.3	9.0	7.7
MIDLAWN	7.0	7.7	7.3
STF-1	6.7	8.0	7.3
MIDFIELD	6.0	8.0	7.0
FHB-135	5.3	8.0	6.7
MIDIRCN	6.3	7.0	6.7
TDS-BM1	5.3	8.0	6.7
TIFGREEN	5.3	8.0	6.7
TEXTURF 10	6.0	7.0	6.5
ARIZONA COMMON-VEG.	5.0	7.7	6.3
ARIZONA COMMON-SEED	4.0	8.0	6.0
SUNDEVIL	4.0	8.0	6.0
CHEYENNE	4.0	7.7	5.8
PRIMAVERA (FMC 1-90)	4.0	7.7	5.8
MIRAGE (90173)	4.0	7.7	5.8
NUMEX-SAHARA	4.0	7.7	5.8
JACKPOT (J-912)	4.7	6.7	5.7
FMC 2-90	4.3	7.0	5.7
SULTAN (FMC 6-91)	4.3	7.0	5.7
OKS 91-1	4.3	7.0	5.7
FMC 3-91	4.0	7.0	5.5
OKS 91-11	5.7	5.3	5.5
SONESTA	4.3	6.7	5.5
GUYMON	5.0	5.7	5.3
J-27	4.3	6.0	5.2
FMC 5-91	4.0	5.3	4.7
LSD VALUE	0.7	0.8	0.5

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

TABLE 18B.

FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	OK1	UB1	MEAN
ARIZONA COMMON-SEED	4.0	8.0	6.0
SUNDEVIL	4.0	8.0	6.0
CHEYENNE	4.0	7.7	5.8
PRIMAVERA (FMC 1-90)	4.0	7.7	5.8
MIRAGE (90173)	4.0	7.7	5.8
NUMEX-SAHARA	4.0	7.7	5.8
JACKPOT (J-912)	4.7	6.7	5.7
FMC 2-90	4.3	7.0	5.7
SULTAN (FMC 6-91)	4.3	7.0	5.7
OKS 91-1	4.3	7.0	5.7
FMC 3-91	4.0	7.0	5.5
OKS 91-11	5.7	5.3	5.5
SONESTA	4.3	6.7	5.5
GUYMON	5.0	5.7	5.3
J-27	4.3	6.0	5.2
FMC 5-91	4.0	5.3	4.7
LSD VALUE	0.6	0.9	0.5

TABLE 18C.

FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	OK1	UB1	MEAN
TIFWAY	6.3	9.0	7.7
MIDLAWN	7.0	7.7	7.3
STF-1	6.7	8.0	7.3
MIDFIELD	6.0	8.0	7.0
FHB-135	5.3	8.0	6.7
MIDIRCN	6.3	7.0	6.7
TDS-BM1	5.3	8.0	6.7
TIFGREEN	5.3	8.0	6.7
TEXTURF 10	6.0	7.0	6.5
ARIZONA COMMON-VEG.	5.0	7.7	6.3
LSD VALUE	0.7	0.4	0.4

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

TABLE 19A. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	OK1	UB1	CA2	CA3	MEAN
TIFWAY	5.7	8.0	8.0	6.3	7.0
TDS-BM1	5.0	6.0	8.0	6.0	6.3
STF-1	5.3	6.7	7.3	4.7	6.0
TIFGREEN	5.0	6.0	8.0	5.0	6.0
FHB-135	4.7	6.0	8.0	4.3	5.8
MIDFIELD	5.7	7.0	6.7	3.7	5.8
ARIZONA COMMN-VEG.	4.7	6.0	6.3	5.7	5.7
SUNDEVIL	3.0	6.7	6.3	6.7	5.7
TEXTURF 10	5.3	5.7	8.0	3.7	5.7
ARIZONA COMMN-SEED	3.0	7.0	6.0	6.0	5.5
MIRAGE (90173)	3.3	5.7	7.3	5.7	5.5
FMC 5-91	3.7	4.3	7.0	6.7	5.4
FMC 2-90	3.3	5.3	7.0	6.0	5.4
SULTAN (FMC 6-91)	3.3	5.3	7.3	5.3	5.3
JACKPOT (J-912)	3.7	4.7	7.0	5.7	5.3
PRIMAVERA (FMC 1-90)	3.0	6.0	6.0	6.0	5.3
FMC 3-91	3.0	5.7	6.0	6.3	5.3
J-27	4.3	5.0	8.0	3.7	5.3
MIDIRON	5.0	5.7	7.3	3.0	5.3
MIDLAWN	6.0	6.0	6.0	3.0	5.3
NUMEX-SAHARA	3.0	5.7	6.3	5.7	5.2
CHEYENNE	3.3	5.7	5.3	6.0	5.1
SONESTA	3.0	5.0	7.0	5.3	5.1
OKS 91-1	3.0	5.3	5.7	6.0	5.0
OKS 91-11	5.0	4.0	7.3	3.7	5.0
GUYMON	4.7	4.7	6.3	3.3	4.8
LSD VALUE	0.7	0.9	0.7	1.4	0.5

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

TABLE 19B. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	OK1	UB1	CA2	CA3	MEAN
SUNDEVIL	3.0	6.7	6.3	6.7	5.7
ARIZONA COMMON-SEED	3.0	7.0	6.0	6.0	5.5
MIRAGE (90173)	3.3	5.7	7.3	5.7	5.5
FMC 5-91	3.7	4.3	7.0	6.7	5.4
FMC 2-90	3.3	5.3	7.0	6.0	5.4
SULTAN (FMC 6-91)	3.3	5.3	7.3	5.3	5.3
JACKPOT (J-912)	3.7	4.7	7.0	5.7	5.3
PRIMAVERA (FMC 1-90)	3.0	6.0	6.0	6.0	5.3
FMC 3-91	3.0	5.7	6.0	6.3	5.3
J-27	4.3	5.0	8.0	3.7	5.3
NUMEX-SAHARA	3.0	5.7	6.3	5.7	5.2
CHEYENNE	3.3	5.7	5.3	6.0	5.1
SONESTA	3.0	5.0	7.0	5.3	5.1
OKS 91-1	3.0	5.3	5.7	6.0	5.0
OKS 91-11	5.0	4.0	7.3	3.7	5.0
GUYMON	4.7	4.7	6.3	3.3	4.8
LSD VALUE	0.7	1.1	0.7	1.2	0.5

TABLE 19C. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	OK1	UB1	CA2	CA3	MEAN
TIFWAY	5.7	8.0	8.0	6.3	7.0
TDS-BM1	5.0	6.0	8.0	6.0	6.3
STF-1	5.3	6.7	7.3	4.7	6.0
TIFGREEN	5.0	6.0	8.0	5.0	6.0
FHB-135	4.7	6.0	8.0	4.3	5.8
MIDFIELD	5.7	7.0	6.7	3.7	5.8
ARIZONA COMMON-VEG.	4.7	6.0	6.3	5.7	5.7
TEXTURF 10	5.3	5.7	8.0	3.7	5.7
MIDIIRON	5.0	5.7	7.3	3.0	5.3
MIDLAWN	6.0	6.0	6.0	3.0	5.3
LSD VALUE	0.7	0.5	0.8	1.8	0.5

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

TABLE 20A.

PERCENT ANNUAL GRASS RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

PERCENT ANNUAL GRASS: LOCATIONS 1/		
NAME	AR1	MEAN
FHB-135	55.0	55.0
TIFWAY	20.0	20.0
SUNDEVIL	17.0	17.0
TEXTURF 10	13.7	13.7
ARIZONA COMMON-SEED	12.3	12.3
MIDFIELD	9.0	9.0
MIDIRON	9.0	9.0
FMC 2-90	8.3	8.3
FMC 3-91	7.3	7.3
PRIMAVERA (FMC 1-90)	7.0	7.0
SONESTA	7.0	7.0
J-27	5.3	5.3
GUYMON	4.0	4.0
MIDLAWN	4.0	4.0
STF-1	4.0	4.0
ARIZONA COMMON-VEG.	3.7	3.7
MIRAGE (90173)	3.7	3.7
TDS-BM1	3.7	3.7
TIFGREEN	3.3	3.3
NUMEX-SAHARA	2.3	2.3
FMC 5-91	2.0	2.0
SULTAN (FMC 6-91)	1.0	1.0
OKS 91-1	1.0	1.0
OKS 91-11	1.0	1.0
CHEYENNE	0.7	0.7
JACKPOT (J-912)	0.7	0.7
LSD VALUE	17.1	17.1

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 20B.

PERCENT ANNUAL GRASS RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

PERCENT ANNUAL GRASS: LOCATIONS 1/		
NAME	AR1	MEAN
SUNDEVIL	17.0	17.0
ARIZONA COMMON-SEED	12.3	12.3
FMC 2-90	8.3	8.3
FMC 3-91	7.3	7.3
PRIMAVERA (FMC 1-90)	7.0	7.0
SONESTA	7.0	7.0
J-27	5.3	5.3
GUYMON	4.0	4.0
MIRAGE (90173)	3.7	3.7
NUMEX-SAHARA	2.3	2.3
FMC 5-91	2.0	2.0
SULTAN (FMC 6-91)	1.0	1.0
OKS 91-1	1.0	1.0
OKS 91-11	1.0	1.0
CHEYENNE	0.7	0.7
JACKPOT (J-912)	0.7	0.7
LSD VALUE	12.9	12.9

TABLE 20C.

PERCENT ANNUAL GRASS RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

PERCENT ANNUAL GRASS: LOCATIONS 1/		
NAME	AR1	MEAN
FHB-135	55.0	55.0
TIFWAY	20.0	20.0
TEXTURF 10	13.7	13.7
MIDFIELD	9.0	9.0
MIDIRON	9.0	9.0
MIDLAWN	4.0	4.0
STF-1	4.0	4.0
ARIZONA COMMON-VEG.	3.7	3.7
TDS-BM1	3.7	3.7
TIFGREEN	3.3	3.3
LSD VALUE	22.2	22.2

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 21A.

FLOWERING (JUNE) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	TX1	MEAN
TDS-BM1	7.3	7.3
STF-1	5.3	5.3
TIFGREEN	4.7	4.7
CHEYENNE	3.7	3.7
SONESTA	3.7	3.7
ARIZONA COMMON-SEED	3.3	3.3
FMC 5-91	3.3	3.3
MIRAGE (90173)	3.3	3.3
NUMEX-SAHARA	3.3	3.3
SUNDEVIL	3.3	3.3
PRIMAVERA (FMC 1-90)	3.0	3.0
JACKPOT (J-912)	2.7	2.7
MIDFIELD	2.7	2.7
MIDIRON	2.7	2.7
OKS 91-1	2.7	2.7
OKS 91-11	2.7	2.7
FMC 2-90	2.3	2.3
FMC 3-91	2.3	2.3
SULTAN (FMC 6-91)	2.3	2.3
MIDLAWN	1.7	1.7
TEXTURF 10	1.7	1.7
TIFWAY	1.7	1.7
GUYMON	1.3	1.3
J-27	1.3	1.3
ARIZONA COMMON-VEG.	1.0	1.0
FHB-135	1.0	1.0
LSD VALUE	1.7	1.7

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 21B.

FLOWERING (JUNE) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	TX1	MEAN
CHEYENNE	3.7	3.7
SONESTA	3.7	3.7
ARIZONA COMMON-SEED	3.3	3.3
FMC 5-91	3.3	3.3
MIRAGE (90173)	3.3	3.3
NUMEX-SAHARA	3.3	3.3
SUNDEVIL	3.3	3.3
PRIMAVERA (FMC 1-90)	3.0	3.0
JACKPOT (J-912)	2.7	2.7
OKS 91-1	2.7	2.7
OKS 91-11	2.7	2.7
FMC 2-90	2.3	2.3
FMC 3-91	2.3	2.3
SULTAN (FMC 6-91)	2.3	2.3
GUYMON	1.3	1.3
J-27	1.3	1.3
LSD VALUE	1.7	1.7

TABLE 21C.

FLOWERING (JUNE) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	TX1	MEAN
TDS-BM1	7.3	7.3
STF-1	5.3	5.3
TIFGREEN	4.7	4.7
MIDFIELD	2.7	2.7
MIDIRON	2.7	2.7
MIDLAWN	1.7	1.7
TEXTURF 10	1.7	1.7
TIFWAY	1.7	1.7
ARIZONA COMMON-VEG.	1.0	1.0
FHB-135	1.0	1.0
LSD VALUE	1.9	1.9

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 22A.

FLOWERING (AUGUST) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

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

NAME	TX1	MEAN
FMC 3-91	3.3	3.3
SONESTA	3.3	3.3
SUNDEVIL	3.3	3.3
MIRAGE (90173)	3.0	3.0
CHEYENNE	2.7	2.7
PRIMAVERA (FMC 1-90)	2.7	2.7
FMC 5-91	2.7	2.7
J-27	2.7	2.7
JACKPOT (J-912)	2.7	2.7
OKS 91-1	2.7	2.7
NUMEX-SAHARA	2.7	2.7
TDS-BM1	2.7	2.7
ARIZONA COMMON-SEED	2.0	2.0
SULTAN (FMC 6-91)	2.0	2.0
OKS 91-11	2.0	2.0
FMC 2-90	1.7	1.7
ARIZONA COMMON-VEG.	1.3	1.3
GUYMON	1.3	1.3
FHB-135	1.0	1.0
MIDFIELD	1.0	1.0
MIDIRON	1.0	1.0
MIDLAWN	1.0	1.0
STF-1	1.0	1.0
TIFGREEN	1.0	1.0
TIFWAY	1.0	1.0
TEXTURF 10	0.7	0.7
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 22B.

FLOWERING (AUGUST) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

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

NAME	TX1	MEAN
FMC 3-91	3.3	3.3
SONESTA	3.3	3.3
SUNDEVIL	3.3	3.3
MIRAGE (90173)	3.0	3.0
CHEYENNE	2.7	2.7
PRIMAVERA (FMC 1-90)	2.7	2.7
FMC 5-91	2.7	2.7
J-27	2.7	2.7
JACKPOT (J-912)	2.7	2.7
OKS 91-1	2.7	2.7
NUMEX-SAHARA	2.7	2.7
ARIZONA COMMON-SEED	2.0	2.0
SULTAN (FMC 6-91)	2.0	2.0
OKS 91-11	2.0	2.0
FMC 2-90	1.7	1.7
GUYMON	1.3	1.3
LSD VALUE	1.2	1.2

TABLE 22C.

FLOWERING (AUGUST) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

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

NAME	TX1	MEAN
TDS-BM1	2.7	2.7
ARIZONA COMMON-VEG.	1.3	1.3
FHB-135	1.0	1.0
MIDFIELD	1.0	1.0
MIDIRON	1.0	1.0
MIDLAWN	1.0	1.0
STF-1	1.0	1.0
TIFGREEN	1.0	1.0
TIFWAY	1.0	1.0
TEXTURF 10	0.7	0.7
LSD VALUE	1.1	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 23A.

SCALPING (SEPTEMBER) RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

SCALPING RATINGS 1-9; 9=NONE 1/		
NAME	CA2	MEAN
FHB-135	9.0	9.0
TDS-BM1	7.7	7.7
TIFGREEN	7.7	7.7
SULTAN (FMC 6-91)	7.0	7.0
GUYMON	7.0	7.0
J-27	7.0	7.0
NUMEX-SAHARA	7.0	7.0
TEXTURF 10	7.0	7.0
FMC 2-90	6.3	6.3
FMC 3-91	6.3	6.3
FMC 5-91	6.3	6.3
JACKPOT (J-912)	6.3	6.3
MIRAGE (90173)	6.3	6.3
OKS 91-1	6.3	6.3
OKS 91-11	6.3	6.3
SUNDEVIL	6.3	6.3
PRIMAVERA (FMC 1-90)	6.0	6.0
MIDIRON	6.0	6.0
TIFWAY	6.0	6.0
ARIZONA COMMON-SEED	5.7	5.7
ARIZONA COMMON-VEG.	5.7	5.7
MIDFIELD	5.7	5.7
MIDLAWN	5.7	5.7
CHEYENNE	5.3	5.3
SONESTA	5.3	5.3
STF-1	5.3	5.3
LSD VALUE	1.6	1.6

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 23B.

SCALPING (SEPTEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

SCALPING RATINGS 1-9; 9=NONE 1/		
NAME	CA2	MEAN
SULTAN (FMC 6-91)	7.0	7.0
GUYMON	7.0	7.0
J-27	7.0	7.0
NUMEX-SAHARA	7.0	7.0
FMC 2-90	6.3	6.3
FMC 3-91	6.3	6.3
FMC 5-91	6.3	6.3
JACKPOT (J-912)	6.3	6.3
MIRAGE (90173)	6.3	6.3
OKS 91-1	6.3	6.3
OKS 91-11	6.3	6.3
SUNDEVIL	6.3	6.3
PRIMAVERA (FMC 1-90)	6.0	6.0
ARIZONA COMMON-SEED	5.7	5.7
CHEYENNE	5.3	5.3
SONESTA	5.3	5.3
LSD VALUE	1.4	1.4

TABLE 23C.

SCALPING (SEPTEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

SCALPING RATINGS 1-9; 9=NONE 1/		
NAME	CA2	MEAN
FHB-135	9.0	9.0
TDS-BM1	7.7	7.7
TIFGREEN	7.7	7.7
TEXTURF 10	7.0	7.0
MIDIRON	6.0	6.0
TIFWAY	6.0	6.0
ARIZONA COMMON-VEG.	5.7	5.7
MIDFIELD	5.7	5.7
MIDLAWN	5.7	5.7
STF-1	5.3	5.3
LSD VALUE	1.8	1.8

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 24A.

SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS
1993 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 1/

NAME	AR1	CA2	FL1	MEAN
FHB-135	9.0	9.0	9.0	9.0
TEXTURF 10	7.0	8.3	8.7	8.0
OKS 91-1	7.3	7.3	9.0	7.9
SUNDEVIL	6.3	8.0	8.7	7.7
CHEYENNE	6.0	7.7	9.0	7.6
GUYMON	6.3	8.3	8.0	7.6
ARIZONA COMMON-SEED	6.3	7.3	9.0	7.6
ARIZONA COMMON-VEG.	5.7	7.3	8.3	7.1
OKS 91-11	7.0	6.3	7.7	7.0
PRIMAVERA (FMC 1-90)	6.0	6.7	8.0	6.9
J-27	6.3	7.7	6.7	6.9
FMC 2-90	5.7	6.0	8.7	6.8
SULTAN (FMC 6-91)	6.7	6.0	7.7	6.8
MIDLAWN	5.0	7.0	8.3	6.8
MIRAGE (90173)	6.3	6.3	7.7	6.8
NUMEX-SAHARA	5.3	7.0	8.0	6.8
MIDFIELD	3.7	8.7	7.7	6.7
SONESTA	6.3	5.7	8.0	6.7
TIFWAY	6.3	4.5	8.3	6.4
FMC 3-91	4.7	6.3	7.3	6.1
FMC 5-91	4.7	5.7	7.7	6.0
JACKPOT (J-912)	5.7	4.7	6.7	5.7
TIFGREEN	2.0	7.3	5.7	5.0
MIDIRON	2.3	5.7	6.7	4.9
TDS-BM1	1.0	7.0	5.0	4.3
STF-1	1.7	4.0	4.3	3.3
LSD VALUE	1.9	1.9	1.4	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 24B. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS
1993 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 1/

NAME	AR1	CA2	FL1	MEAN
OKS 91-1	7.3	7.3	9.0	7.9
SUNDEVIL	6.3	8.0	8.7	7.7
CHEYENNE	6.0	7.7	9.0	7.6
GUYMON	6.3	8.3	8.0	7.6
ARIZONA COMMON-SEED	6.3	7.3	9.0	7.6
OKS 91-11	7.0	6.3	7.7	7.0
PRIMAVERA (FMC 1-90)	6.0	6.7	8.0	6.9
J-27	6.3	7.7	6.7	6.9
FMC 2-90	5.7	6.0	8.7	6.8
SULTAN (FMC 6-91)	6.7	6.0	7.7	6.8
MIRAGE (90173)	6.3	6.3	7.7	6.8
NUMEX-SAHARA	5.3	7.0	8.0	6.8
SONESTA	6.3	5.7	8.0	6.7
FMC 3-91	4.7	6.3	7.3	6.1
FMC 5-91	4.7	5.7	7.7	6.0
JACKPOT (J-912)	5.7	4.7	6.7	5.7
LSD VALUE	1.7	1.9	1.0	0.9

TABLE 24C. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS
1993 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 1/

NAME	AR1	CA2	FL1	MEAN
FHB-135	9.0	9.0	9.0	9.0
TEXTURF 10	7.0	8.3	8.7	8.0
ARIZONA COMMON-VEG.	5.7	7.3	8.3	7.1
MIDLAWN	5.0	7.0	8.3	6.8
MIDFIELD	3.7	8.7	7.7	6.7
TIFWAY	6.3	4.5	8.3	6.4
TIFGREEN	2.0	7.3	5.7	5.0
MIDIRON	2.3	5.7	6.7	4.9
TDS-BM1	1.0	7.0	5.0	4.3
STF-1	1.7	4.0	4.3	3.3
LSD VALUE	2.3	1.8	1.8	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).