

## **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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1997 NATIONAL BERMUDAGRASS TEST

LOCATIONS SUBMITTING DATA FOR 1999

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
California	Riverside	CA3
Florida	Gainesville	FL1
Georgia	Griffin	GA1
Georgia	Griffin (Traffic Study)	GA2
Illinois	Carbondale	IL2
Indiana	Evansville	IN2
Kansas	Wichita	KS2
Kentucky	Lexington	KY1
Maryland	Silver Spring	MD1
Missouri	Columbia	MO1
Missouri	Columbia (Winter Hardiness Study)	MO2
Missouri	St. Louis (Traffic Study)	MO3
Mississippi	Mississippi State	MS1
North Carolina	Raleigh	NC1
New Mexico	Las Cruces	NM1
Oklahoma	Stillwater	OK1
South Carolina	Clemson	SC2
Texas	College Station	TX2
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4



# 1997 National Bermudagrass Test

## Entries and Sponsors

### Seeded Entries

Entry No.	Name	Sponsor
1	Savannah	Turf-Seed, Inc.
2	PST-R69C	Pure-Seed Testing, Inc.
3	Princess 77 (Princess)	Seeds West, Inc.
4	Sydney (SWI-7)	Seeds West, Inc.
5	SWI-11	Seeds West, Inc.
6	Jackpot	Simplot Turf & Horticulture
7	Sundevil II	Simplot Turf & Horticulture
8	J-540	Olsen-Fennel Seed Co.
9	Southern Star (J-1224)	Simplot Turf & Horticulture
10	Shangri La	ProSeeds Marketing
11	Mirage	Standard entry
12	Pyramid	Cebeco International Seeds, Inc.
13	Majestic	H & H Seed Company
14	OKS 95-1	Oklahoma State Univ.
15	Blue-Muda	Desert Sun Marketing
16	Blackjack	Olsen-Fennel Seed Co.
17	NuMex-Sahara	Standard entry
18	Arizona Common	Standard entry

### Vegetative Entries

19	Mini-Verde	Turfgrass America Co.
20	Shanghai	Patten Seed Company
21	CN 2-9	Clemson University
22	OKC 18-4	Oklahoma State Univ.
23	OKC 19-9	Oklahoma State Univ.
24	Cardinal	Bladerunner Farms
25	Tifsport (Tift 94)	Georgia Seed Development Commission
26	Midlawn	Standard entry
27	Tifway	Standard entry
28	Tifgreen	Standard entry

TABLE A.

1999 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN  
THE 1997 NATIONAL BERMU DAGRASS 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	SILT LOAM AND SILT	6.1-6.5	61-150	151-240	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
AZ1	SANDY LOAM	7.6-8.5	61-150	501+	4.1-5.0	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	7.1-7.5	271-450	151-240	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
GA1	-	-	-	-	-	-	-	-
GA2	-	-	-	-	-	-	-	-
IL2	-	-	-	-	-	-	-	-
IN2	SILTY CLAY AND CLAY	4.6-5.5	0-60	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
KY1	SILT LOAM AND SILT	6.1-6.5	61-150	241-375	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
MD1	LOAMY SAND	5.6-6.0	271-450	0-150	1.1-2.0	FULL SUN	0.0-0.5	TO PREVENT DORMANCY
MO1	SILTY CLAY LOAM	6.1-6.5	61-150	241-375	2.1-3.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MO2	SILT LOAM AND SILT	6.1-6.5	151-270	151-240	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MO3	SILTY CLAY LOAM	6.6-7.0	61-150	151-240	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
MS1	SANDY CLAY LOAM	5.6-6.0	271-450	0-150	6.1-7.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
NC1	-	-	-	-	-	-	-	-
NM1	SANDY LOAM	7.6-8.5	61-150	151-240	5.1-6.0	PARTIAL SHADE	0.6-1.0	TO PREVENT STRESS
OK1	SILTY CLAY LOAM	6.1-6.5	61-150	501+	4.1-5.0	FULL SUN	0.0-0.5	TO PREVENT STRESS
SC2	-	-	-	-	-	-	-	-
TX2	SANDY LOAM	7.6-8.5	0-60	0-150	3.1-4.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
VA1	-	-	-	-	-	-	-	-
VA4	-	-	-	-	-	-	-	-

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1999

LOCATION	JANUARY QUALITY RATING	FEBRUARY QUALITY RATING	MARCH QUALITY RATING	APRIL QUALITY RATING	MAY QUALITY RATING	JUNE QUALITY RATING	JULY QUALITY RATING	AUGUST QUALITY RATING	SEPTEMBER QUALITY RATING	OCTOBER QUALITY RATING	NOVEMBER QUALITY RATING	DECEMBER QUALITY RATING	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE
AR1					X	X	X	X	X	X			X	X	X
AZ1				X	X	X	X	X	X	X			X	X	X
CA3	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FL1	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GA1				X	X	X			X					X	
* GA2															
IL2					X	X	X	X	X	X			X	X	X
IN2					X	X	X	X	X	X			X	X	X
KS2					X	X	X	X	X	X			X	X	X
KY1				X	X	X	X	X	X	X			X		X
MD1					X	X	X		X				X	X	
MO1				X	X	X	X	X	X	X	X		X	X	X
MO2					X	X	X	X	X	X			X	X	X
* MO3															
MS1				X	X	X	X	X	X	X			X	X	X
NC1				X	X	X	X	X	X	X	X		X	X	X
NM1				X	X	X	X	X	X	X	X		X	X	X
OK1					X	X	X	X	X	X			X	X	X
SC2				X	X	X	X	X	X	X			X	X	X
TX2		X	X	X	X	X	X	X	X	X	X		X		X
VA1					X	X	X	X	X	X			X	X	X
VA4						X		X	X				X	X	

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 1999

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE DORMANCY	DOLLAR SPOT	FALL COLOR RETENTION RATINGS					
												SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER		
AR1		X	X	X	X	X	X										
AZ1	X	X	X	X	X												
CA3								X						X	X	X	X
FL1	X	X	X	X	X	X		X				X	X	X	X	X	X
GA1															X		
* GA2																	
IL2				X													
IN2																	
KS2																	
KY1		X	X											X		X	
MD1																	
MO1	X	X	X	X	X	X											
MO2					X		X					X					
* MO3																	
MS1																	
NC1		X				X										X	
NM1	X	X	X														
OK1	X	X	X	X	X	X			X							X	
SC2																	
TX2	X	X	X		X			X									
VA1																	
VA4								X									

TABLE B. (CONT'D)

## LOCATIONS AND DATA COLLECTED IN 1999

LOCATION	SEEDHEAD RATINGS	SEEDHEAD RATINGS		SEEDHEAD RATINGS			SCALPING RATINGS JULY	PERCENT COLOR RECOVERY	DROUGHT TOLERANCE	
		APRIL	MAY	SPRING	SUMMER	FALL			6-AUGUST	8-AUGUST
AR1										
AZ1										
CA3		X	X				X			
FL1	X									
GA1								X	X	X
* GA2										
IL2										
IN2										
KS2										
KY1										
MD1										
MO1										
MO2										
* MO3										
MS1										
NC1										
NM1										
OK1				X	X	X				
SC2										
TX2										
VA1										
VA4										

SEE TABLE 34 FOR MO3 AND TABLE 35-38 FOR GA2.

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
* TIFSPORT (TIPT 94)	6.8	7.2	4.8	6.1	7.2	7.4	6.8	5.7	7.8	6.9	7.5	5.8	7.8	7.7	7.7	7.6	5.8	5.9	6.6	6.8
OKS 95-1	6.9	6.7	5.1	5.1	6.7	7.2	6.8	7.2	8.1	7.3	7.9	6.3	5.8	7.3	6.9	7.0	5.6	6.5	6.4	6.7
* TIFWAY	6.6	7.0	4.7	5.3	7.3	7.6	6.4	6.1	6.7	7.0	7.2	5.4	7.6	7.8	7.8	7.5	5.9	5.6	6.6	6.6
OKC 18-4	7.6	5.8	5.1	4.8	7.3	7.2	6.8	6.2	7.3	7.0	7.8	5.9	5.6	7.3	7.6	6.8	6.0	5.8	7.1	6.6
* TIFGREEN	6.8	6.3	5.5	5.2	7.4	7.2	6.3	5.3	5.6	7.4	7.9	5.4	6.7	7.6	7.7	7.1	6.0	5.2	6.3	6.5
* PRINCESS	7.2	7.0	4.9	5.5	6.3	6.4	6.4	5.4	7.1	7.3	7.9	5.1	6.4	7.3	6.8	6.6	6.0	6.6	6.6	6.5
* MIDLAWN	7.2	6.6	4.8	3.9	7.4	7.7	6.3	6.2	7.4	6.4	6.6	6.0	5.9	8.0	7.2	6.9	5.8	5.5	6.8	6.4
OKC 19-9	4.9	6.2	4.9	5.1	7.4	6.8	6.8	5.9	6.9	7.9	7.2	5.7	5.7	7.2	7.2	7.0	5.6	4.6	6.9	6.3
CN 2-9	6.4	6.6	4.9	5.5	6.5	6.4	6.4	5.6	4.7	6.8	6.1	5.2	6.8	7.4	7.3	7.9	5.6	4.8	6.4	6.2
* SHANGHAI	7.1	5.7	5.1	3.9	6.6	6.2	5.4	5.9	6.9	7.1	7.8	5.8	5.7	6.4	6.3	6.0	5.3	6.2	6.6	6.1
PST-R69C	6.2	6.0	4.8	5.0	5.8	4.4	4.8	4.9	6.5	7.0	8.1	4.8	5.8	6.9	6.1	6.3	5.6	6.1	6.3	5.9
SWI-11	6.1	6.6	4.8	5.3	6.0	4.7	5.2	4.5	6.3	6.4	7.3	4.6	6.0	7.1	5.8	6.1	5.5	5.8	6.4	5.8
CARDINAL	6.2	6.5	4.4	4.5	6.9	8.1	6.1	6.3	6.3	5.1	4.1	6.1	6.9	6.3	5.1	5.6	5.2	4.1	6.1	5.8
* MINI-VERDE	5.5	6.6	5.5	5.1	7.2	6.4	5.3	3.7	4.9	7.2	4.9	2.0	6.2	7.0	5.4	8.0	5.0	3.4	6.6	5.6
* SAVANNAH	5.6	4.7	4.8	4.2	5.8	3.3	5.5	4.3	6.4	6.8	7.4	4.7	5.1	6.2	5.6	5.5	4.6	5.3	6.4	5.4
* BLACKJACK	5.6	4.6	4.6	3.8	5.9	3.9	4.4	4.9	6.8	6.3	7.5	4.8	5.3	5.8	5.5	4.7	4.7	6.2	6.4	5.4
* MAJESTIC	4.6	4.6	4.9	4.1	6.0	4.7	4.3	5.1	6.8	5.8	7.2	4.7	4.9	6.2	5.8	5.4	4.7	5.7	6.2	5.3
* SOUTHERN STAR (J-1224)	5.5	5.4	4.6	4.3	6.1	3.4	3.7	4.9	5.7	6.5	7.3	4.7	4.8	6.5	5.5	5.6	5.5	5.2	6.1	5.3
J-540	4.9	5.0	4.6	4.0	5.9	3.9	3.9	5.2	6.5	5.9	7.5	4.7	4.8	6.0	5.6	5.0	5.4	5.6	6.4	5.3
* SHANGRI LA	5.5	4.7	4.8	4.3	5.9	3.9	4.0	4.7	6.2	5.8	7.2	4.8	4.9	5.7	5.5	4.8	4.8	5.7	6.3	5.2
* SYDNEY (SWI-7)	5.8	4.3	4.6	4.5	5.5	4.3	4.3	4.5	6.0	5.5	7.2	4.4	4.7	5.5	5.6	4.9	4.9	5.8	6.2	5.2
* PYRAMID	4.7	4.5	4.6	3.9	6.0	3.3	3.9	4.7	6.5	6.1	7.1	4.5	4.6	6.1	5.6	5.1	4.3	5.9	6.1	5.1
* MIRAGE	3.9	4.4	4.6	4.2	6.3	3.4	4.5	4.7	6.5	5.4	7.0	4.7	4.7	5.8	5.4	5.1	4.4	6.0	6.0	5.1
* BLUE-MUDA	4.4	4.8	4.6	4.1	5.6	3.6	4.3	4.6	6.8	4.9	6.8	4.8	5.0	5.9	5.4	4.6	4.7	6.2	6.3	5.1
* SUNDEVIL II	4.4	4.8	4.5	4.1	5.9	4.1	4.6	4.1	5.4	6.2	7.1	4.7	5.1	5.8	5.5	5.1	4.2	5.5	6.1	5.1
* JACKPOT	5.3	4.6	4.8	3.6	6.2	4.2	4.2	3.7	6.5	5.0	6.8	4.5	4.5	5.4	5.3	4.7	4.5	5.4	6.2	5.0
* NUMEX-SAHARA	4.3	4.8	4.5	3.6	5.7	4.0	3.5	4.4	6.8	4.8	7.0	4.3	4.8	5.6	5.6	4.9	4.6	5.8	6.1	5.0
* ARIZONA COMMON	4.4	4.4	4.7	3.3	5.5	3.5	3.3	3.6	6.3	4.6	6.2	4.6	4.5	5.5	5.2	4.8	4.3	4.9	5.8	4.7
LSD VALUE	0.7	0.8	0.3	0.8	0.7	0.9	1.0	0.8	0.7	0.8	0.7	0.5	0.6	0.7	0.3	0.6	0.5	1.1	0.5	0.2
C.V. (%)	7.8	9.3	3.8	10.6	6.4	10.9	11.6	9.5	7.1	7.9	6.4	6.3	6.2	6.3	3.4	6.4	6.1	12.0	5.0	7.7

\* COMMERCIALY AVAILABLE IN THE USA IN 2000.

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

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

TABLE 1B.

MEAN TURFGRASS QUALITY RATINGS OF BERMU DAGRASS (SEEDED) CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

## TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
OKS 95-1	6.9	6.7	5.1	5.1	6.7	7.2	6.8	7.2	8.1	7.3	7.9	6.3	5.8	7.3	6.9	7.0	5.6	6.5	6.4	6.7
PRINCESS	7.2	7.0	4.9	5.5	6.3	6.4	6.4	5.4	7.1	7.3	7.9	5.1	6.4	7.3	6.8	6.6	6.0	6.6	6.6	6.5
PST-R69C	6.2	6.0	4.8	5.0	5.8	4.4	4.8	4.9	6.5	7.0	8.1	4.8	5.8	6.9	6.1	6.3	5.6	6.1	6.3	5.9
SWI-11	6.1	6.6	4.8	5.3	6.0	4.7	5.2	4.5	6.3	6.4	7.3	4.6	6.0	7.1	5.8	6.1	5.5	5.8	6.4	5.8
SAVANNAH	5.6	4.7	4.8	4.2	5.8	3.3	5.5	4.3	6.4	6.8	7.4	4.7	5.1	6.2	5.6	5.5	4.6	5.3	6.4	5.4
BLACKJACK	5.6	4.6	4.6	3.8	5.9	3.9	4.4	4.9	6.8	6.3	7.5	4.8	5.3	5.8	5.5	4.7	4.7	6.2	6.4	5.4
MAJESTIC	4.6	4.6	4.9	4.1	6.0	4.7	4.3	5.1	6.8	5.8	7.2	4.7	4.9	6.2	5.8	5.4	4.7	5.7	6.2	5.3
SOUTHERN STAR (J-1224)	5.5	5.4	4.6	4.3	6.1	3.4	3.7	4.9	5.7	6.5	7.3	4.7	4.8	6.5	5.5	5.6	5.5	5.2	6.1	5.3
J-540	4.9	5.0	4.6	4.0	5.9	3.9	3.9	5.2	6.5	5.9	7.5	4.7	4.8	6.0	5.6	5.0	5.4	5.6	6.4	5.3
SHANGRI LA	5.5	4.7	4.8	4.3	5.9	3.9	4.0	4.7	6.2	5.8	7.2	4.8	4.9	5.7	5.5	4.8	4.8	5.7	6.3	5.2
SYDNEY (SWI-7)	5.8	4.3	4.6	4.5	5.5	4.3	4.3	4.5	6.0	5.5	7.2	4.4	4.7	5.5	5.6	4.9	4.9	5.8	6.2	5.2
PYRAMID	4.7	4.5	4.6	3.9	6.0	3.3	3.9	4.7	6.5	6.1	7.1	4.5	4.6	6.1	5.6	5.1	4.3	5.9	6.1	5.1
MIRAGE	3.9	4.4	4.6	4.2	6.3	3.4	4.5	4.7	6.5	5.4	7.0	4.7	4.7	5.8	5.4	5.1	4.4	6.0	6.0	5.1
BLUE-MUDA	4.4	4.8	4.6	4.1	5.6	3.6	4.3	4.6	6.8	4.9	6.8	4.8	5.0	5.9	5.4	4.6	4.7	6.2	6.3	5.1
SUNDEVIL II	4.4	4.8	4.5	4.1	5.9	4.1	4.6	4.1	5.4	6.2	7.1	4.7	5.1	5.8	5.5	5.1	4.2	5.5	6.1	5.1
JACKPOT	5.3	4.6	4.8	3.6	6.2	4.2	4.2	3.7	6.5	5.0	6.8	4.5	4.5	5.4	5.3	4.7	4.5	5.4	6.2	5.0
NUMEX-SAHARA	4.3	4.8	4.5	3.6	5.7	4.0	3.5	4.4	6.8	4.8	7.0	4.3	4.8	5.6	5.6	4.9	4.6	5.8	6.1	5.0
ARIZONA COMMON	4.4	4.4	4.7	3.3	5.5	3.5	3.3	3.6	6.3	4.6	6.2	4.6	4.5	5.5	5.2	4.8	4.3	4.9	5.8	4.7
LSD VALUE	0.7	0.9	0.3	0.8	0.6	0.9	1.1	0.9	0.8	0.8	0.6	0.5	0.5	0.7	0.4	0.7	0.5	1.2	0.6	0.2
C.V. (%)	8.8	10.8	3.5	11.6	6.3	12.9	15.1	12.0	7.9	7.8	5.4	6.9	6.6	7.3	3.9	7.8	6.5	12.9	5.6	8.6

TABLE 1C.

MEAN TURFGRASS QUALITY RATINGS OF BERMU DAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

## TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
TIFSPORT (TIFT 94)	6.8	7.2	4.8	6.1	7.2	7.4	6.8	5.7	7.8	6.9	7.5	5.8	7.8	7.7	7.7	7.6	5.8	5.9	6.6	6.8
TIFWAY	6.6	7.0	4.7	5.3	7.3	7.6	6.4	6.1	6.7	7.0	7.2	5.4	7.6	7.8	7.8	7.5	5.9	5.6	6.6	6.6
OKC 18-4	7.6	5.8	5.1	4.8	7.3	7.2	6.8	6.2	7.3	7.0	7.8	5.9	5.6	7.3	7.6	6.8	6.0	5.8	7.1	6.6
TIFGREEN	6.8	6.3	5.5	5.2	7.4	7.2	6.3	5.3	5.6	7.4	7.9	5.4	6.7	7.6	7.7	7.1	6.0	5.2	6.3	6.5
MIDLAWN	7.2	6.6	4.8	3.9	7.4	7.7	6.3	6.2	7.4	6.4	6.6	6.0	5.9	8.0	7.2	6.9	5.8	5.5	6.8	6.4
OKC 19-9	4.9	6.2	4.9	5.1	7.4	6.8	6.8	5.9	6.9	7.9	7.2	5.7	5.7	7.2	7.2	7.0	5.6	4.6	6.9	6.3
CN 2-9	6.4	6.6	4.9	5.5	6.5	6.4	6.4	5.6	4.7	6.8	6.1	5.2	6.8	7.4	7.3	7.9	5.6	4.8	6.4	6.2
SHANGHAI	7.1	5.7	5.1	3.9	6.6	6.2	5.4	5.9	6.9	7.1	7.8	5.8	5.7	6.4	6.3	6.0	5.3	6.2	6.6	6.1
CARDINAL	6.2	6.5	4.4	4.5	6.9	8.1	6.1	6.3	6.3	5.1	4.1	6.1	6.9	6.3	5.1	5.6	5.2	4.1	6.1	5.8
MINI-VERDE	5.5	6.6	5.5	5.1	7.2	6.4	5.3	3.7	4.9	7.2	4.9	2.0	6.2	7.0	5.4	8.0	5.0	3.4	6.6	5.6
LSD VALUE	0.7	0.7	0.3	0.7	0.7	1.0	0.6	0.4	0.6	0.9	0.9	0.5	0.6	0.5	0.3	0.5	0.5	0.8	0.4	0.1
C.V. (%)	6.4	7.2	4.1	9.1	6.4	8.6	6.2	4.7	5.5	8.1	8.2	5.2	5.5	4.7	2.6	4.3	5.3	9.7	3.9	6.3

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

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

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS FOR EACH  
MONTH GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFSPORT (TIFT 94)	4.0	5.1	5.6	6.3	6.2	6.9	7.1	7.3	7.2	6.8	6.0	4.3	6.8
OKS 95-1	3.7	4.9	4.8	6.3	6.5	6.9	7.1	7.1	6.7	6.5	5.7	3.5	6.7
TIFWAY	3.8	5.1	5.1	6.1	6.2	6.9	6.9	7.1	6.9	6.6	5.7	3.8	6.6
OKC 18-4	3.0	4.6	5.0	6.2	6.5	7.1	6.8	6.8	6.8	6.2	4.8	3.0	6.6
TIFGREEN	3.5	4.8	5.6	6.4	6.2	6.7	6.7	6.7	6.6	6.5	5.7	3.3	6.5
PRINCESS	3.8	5.1	5.2	5.8	5.7	6.6	7.0	7.1	6.9	6.4	5.7	3.3	6.5
MIDLAWN	2.8	4.3	4.7	6.4	6.6	6.5	6.3	6.7	6.6	6.1	5.1	3.0	6.4
OKC 19-9	3.8	4.9	5.0	6.3	6.1	6.6	6.5	6.4	6.5	5.8	4.9	3.2	6.3
CN 2-9	2.8	4.6	4.7	5.9	5.8	6.4	6.6	6.5	6.3	6.1	5.4	4.2	6.2
SHANGHAI	2.7	4.2	4.3	5.3	6.0	6.5	6.5	6.4	6.4	5.7	4.8	2.8	6.1
PST-R69C	3.3	5.0	5.6	5.9	5.5	5.8	6.1	6.3	6.0	5.9	5.7	3.3	5.9
SWI-11	3.5	4.9	4.8	5.0	4.8	5.9	6.2	6.6	6.5	6.1	5.6	3.2	5.8
CARDINAL	4.2	5.1	5.3	6.3	6.2	5.5	5.3	5.7	5.6	5.9	4.9	3.2	5.8
MINI-VERDE	5.0	4.8	4.8	5.6	4.9	6.0	5.9	5.7	5.9	5.4	4.4	3.3	5.6
SAVANNAH	3.0	4.6	4.9	5.1	5.0	5.4	5.5	5.6	5.5	5.3	5.2	3.2	5.4
BLACKJACK	3.0	4.3	4.1	4.9	5.0	5.1	5.5	5.8	5.7	5.3	5.3	3.2	5.4
MAJESTIC	2.8	4.3	4.2	4.6	4.9	5.3	5.4	5.9	5.8	5.5	5.4	3.2	5.3
SOUTHERN STAR (J-1224)	3.0	4.9	4.8	5.0	4.8	5.3	5.5	5.6	5.5	5.4	5.6	3.0	5.3
J-540	3.0	4.7	4.4	4.7	5.2	5.4	5.4	5.7	5.5	5.2	5.2	3.2	5.3
SHANGRI LA	3.0	4.4	4.6	4.6	4.9	5.0	5.2	5.6	5.6	5.4	5.4	3.3	5.2
SYDNEY (SWI-7)	2.8	4.4	4.7	4.6	4.7	5.1	5.3	5.6	5.4	5.3	5.3	3.3	5.2
PYRAMID	3.0	4.3	4.1	4.4	4.7	5.1	5.1	5.5	5.5	5.2	5.2	3.0	5.1
MIRAGE	2.8	4.6	4.4	4.6	4.8	4.8	5.0	5.7	5.5	5.3	5.3	3.2	5.1
BLUE-MUDA	2.8	4.4	4.3	4.7	4.9	4.9	5.1	5.5	5.4	5.3	5.3	3.2	5.1
SUNDEVIL II	3.0	4.4	4.2	4.6	4.8	5.3	5.2	5.3	5.2	5.1	5.2	3.0	5.1
JACKPOT	2.8	4.4	4.3	4.4	4.6	4.7	5.1	5.5	5.3	5.3	5.1	3.0	5.0
NUMEX-SAHARA	2.8	4.4	4.2	4.6	4.7	4.7	5.1	5.5	5.1	5.1	5.3	3.0	5.0
ARIZONA COMMON	2.8	4.0	3.9	3.9	4.3	4.4	4.7	5.2	5.2	5.1	5.2	2.8	4.7
LSD VALUE	1.3	0.7	0.8	0.7	0.6	0.5	0.5	0.5	0.5	0.5	1.2	1.2	0.4
C.V. (%)	35.8	17.4	17.9	24.7	26.3	23.3	20.7	19.8	20.4	23.5	32.3	32.1	17.3

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

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



TABLE 2B.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS FOR EACH  
MONTH GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
OKS 95-1	3.7	4.9	4.8	6.3	6.5	6.9	7.1	7.1	6.7	6.5	5.7	3.5	6.7
PRINCESS	3.8	5.1	5.2	5.8	5.7	6.6	7.0	7.1	6.9	6.4	5.7	3.3	6.5
PST-R69C	3.3	5.0	5.6	5.9	5.5	5.8	6.1	6.3	6.0	5.9	5.7	3.3	5.9
SWI-11	3.5	4.9	4.8	5.0	4.8	5.9	6.2	6.6	6.5	6.1	5.6	3.2	5.8
SAVANNAH	3.0	4.6	4.9	5.1	5.0	5.4	5.5	5.6	5.5	5.3	5.2	3.2	5.4
BLACKJACK	3.0	4.3	4.1	4.9	5.0	5.1	5.5	5.8	5.7	5.3	5.3	3.2	5.4
MAJESTIC	2.8	4.3	4.2	4.6	4.9	5.3	5.4	5.9	5.8	5.5	5.4	3.2	5.3
SOUTHERN STAR (J-1224)	3.0	4.9	4.8	5.0	4.8	5.3	5.5	5.6	5.5	5.4	5.6	3.0	5.3
J-540	3.0	4.7	4.4	4.7	5.2	5.4	5.4	5.7	5.5	5.2	5.2	3.2	5.3
SHANGRI LA	3.0	4.4	4.6	4.6	4.9	5.0	5.2	5.6	5.6	5.4	5.4	3.3	5.2
SYDNEY (SWI-7)	2.8	4.4	4.7	4.6	4.7	5.1	5.3	5.6	5.4	5.3	5.3	3.3	5.2
PYRAMID	3.0	4.3	4.1	4.4	4.7	5.1	5.1	5.5	5.5	5.2	5.2	3.0	5.1
MIRAGE	2.8	4.6	4.4	4.6	4.8	4.8	5.0	5.7	5.5	5.3	5.3	3.2	5.1
BLUE-MUDA	2.8	4.4	4.3	4.7	4.9	4.9	5.1	5.5	5.4	5.3	5.3	3.2	5.1
SUNDEVIL II	3.0	4.4	4.2	4.6	4.8	5.3	5.2	5.3	5.2	5.1	5.2	3.0	5.1
JACKPOT	2.8	4.4	4.3	4.4	4.6	4.7	5.1	5.5	5.3	5.3	5.1	3.0	5.0
NUMEX-SAHARA	2.8	4.4	4.2	4.6	4.7	4.7	5.1	5.5	5.1	5.1	5.3	3.0	5.0
ARIZONA COMMON	2.8	4.0	3.9	3.9	4.3	4.4	4.7	5.2	5.2	5.1	5.2	2.8	4.7
LSD VALUE	1.3	0.7	0.7	0.6	0.5	0.5	0.4	0.5	0.5	0.5	1.3	1.1	0.4
C.V. (%)	36.9	15.4	16.2	24.6	27.4	25.0	20.2	19.8	21.5	23.9	32.8	31.6	18.0

TABLE 2C.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS FOR EACH  
MONTH GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 2/

NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFSPORT (TIFT 94)	4.0	5.1	5.6	6.3	6.2	6.9	7.1	7.3	7.2	6.8	6.0	4.3	6.8
TIFWAY	3.8	5.1	5.1	6.1	6.2	6.9	6.9	7.1	6.9	6.6	5.7	3.8	6.6
OKC 18-4	3.0	4.6	5.0	6.2	6.5	7.1	6.8	6.8	6.8	6.2	4.8	3.0	6.6
TIFGREEN	3.5	4.8	5.6	6.4	6.2	6.7	6.7	6.7	6.6	6.5	5.7	3.3	6.5
MIDLAWN	2.8	4.3	4.7	6.4	6.6	6.5	6.3	6.7	6.6	6.1	5.1	3.0	6.4
OKC 19-9	3.8	4.9	5.0	6.3	6.1	6.6	6.5	6.4	6.5	5.8	4.9	3.2	6.3
CN 2-9	2.8	4.6	4.7	5.9	5.8	6.4	6.6	6.5	6.3	6.1	5.4	4.2	6.2
SHANGHAI	2.7	4.2	4.3	5.3	6.0	6.5	6.5	6.4	6.4	5.7	4.8	2.8	6.1
CARDINAL	4.2	5.1	5.3	6.3	6.2	5.5	5.3	5.7	5.6	5.9	4.9	3.2	5.8
MINI-VERDE	5.0	4.8	4.8	5.6	4.9	6.0	5.9	5.7	5.9	5.4	4.4	3.3	5.6
LSD VALUE	1.4	0.9	0.9	0.8	0.6	0.5	0.5	0.5	0.5	0.6	1.2	1.3	0.4
C.V. (%)	33.9	20.1	20.1	24.8	24.8	21.1	21.2	19.7	18.8	22.7	31.1	32.6	16.5

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

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

TABLE 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

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

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
TIFSPORT (TIFT 94)	6.5	1.0	12.5	1.0	6.5	4.0	1.5	8.0	2.0	10.0	7.5	6.0	1.0	3.0	2.0	3.0	5.5	8.0	5.5	1
OKS 95-1	5.0	4.0	5.0	7.5	9.0	6.5	1.5	1.0	1.0	3.5	3.0	1.0	10.5	8.0	8.0	6.5	9.0	2.0	12.0	2
TIFWAY	8.0	2.0	17.0	4.0	4.5	3.0	5.0	5.0	12.0	8.0	16.5	8.5	2.0	2.0	1.0	4.0	4.0	16.0	5.5	3
OKC 18-4	1.0	13.0	3.5	11.0	4.5	6.5	3.5	3.5	4.0	8.0	5.5	4.0	14.0	6.0	4.0	9.0	2.5	10.0	1.0	4
TIFGREEN	6.5	10.0	1.5	6.0	2.0	5.0	8.5	11.0	25.0	2.0	3.0	8.5	5.0	4.0	3.0	5.0	1.0	22.5	16.5	5
PRINCESS	3.0	3.0	6.5	2.0	12.5	10.0	6.5	10.0	5.0	3.5	3.0	11.0	6.0	7.0	9.0	10.0	2.5	1.0	5.5	6
MIDLAWN	2.0	7.5	12.5	22.0	2.0	2.0	8.5	3.5	3.0	14.5	24.0	3.0	9.0	1.0	7.0	8.0	5.5	18.5	3.0	7
OKC 19-9	20.0	11.0	6.5	9.0	2.0	8.0	3.5	6.5	6.5	1.0	14.0	7.0	12.0	9.0	6.0	6.5	10.0	26.0	2.0	8
CN 2-9	9.0	5.5	8.5	3.0	11.0	10.0	6.5	9.0	28.0	12.0	26.0	10.0	4.0	5.0	5.0	2.0	8.0	25.0	12.0	9
SHANGHAI	4.0	14.0	3.5	24.0	10.0	12.0	12.0	6.5	6.5	6.0	5.5	5.0	13.0	14.0	10.0	13.0	14.0	4.0	8.0	10
PST-R69C	11.0	12.0	12.5	10.0	23.5	15.0	15.0	14.0	16.0	8.0	1.0	13.0	10.5	12.0	11.0	11.0	7.0	6.0	16.5	11
SWI-11	12.0	5.5	10.0	5.0	17.0	14.0	14.0	21.5	20.0	14.5	11.0	22.0	8.0	10.0	13.0	12.0	12.0	11.5	12.0	12
CARDINAL	10.0	9.0	28.0	13.0	8.0	1.0	10.0	2.0	20.0	24.0	28.0	2.0	3.0	15.0	28.0	15.0	15.0	27.0	25.0	13
MINI-VERDE	17.0	7.5	1.5	7.5	6.5	10.0	13.0	26.0	27.0	5.0	27.0	28.0	7.0	11.0	24.5	1.0	16.0	28.0	5.5	14
SAVANNAH	14.0	21.0	15.5	17.0	23.5	27.0	11.0	24.0	18.0	11.0	10.0	17.0	16.5	17.0	14.5	16.0	22.0	21.0	12.0	15
BLACKJACK	15.0	23.0	19.0	25.0	20.5	20.5	18.0	15.0	10.0	16.0	7.5	13.0	15.0	23.0	20.5	26.5	19.5	4.0	12.0	16
MAJESTIC	23.0	22.0	8.5	18.5	17.0	13.0	20.0	13.0	10.0	20.0	16.5	17.0	19.0	16.0	12.0	17.0	21.0	14.0	20.0	17
SOUTHERN STAR (J-1224)	17.0	15.0	22.5	14.0	15.0	26.0	26.0	16.0	24.0	13.0	12.0	21.0	22.5	13.0	20.5	14.0	11.0	22.5	22.5	18
J-540	21.0	16.0	20.5	21.0	20.5	20.5	24.0	12.0	14.5	19.0	9.0	19.5	21.0	19.0	17.0	21.0	13.0	17.0	9.0	19
SHANGRI LA	17.0	20.0	12.5	15.0	20.5	22.0	23.0	19.0	22.0	21.0	14.0	13.0	20.0	24.0	20.5	24.0	18.0	15.0	16.5	20
SYDNEY (SWI-7)	13.0	28.0	24.0	12.0	27.5	16.0	20.0	21.5	23.0	22.0	14.0	26.0	24.5	26.0	14.5	22.5	17.0	11.5	20.0	21
PYRAMID	22.0	25.0	25.0	23.0	17.0	28.0	25.0	17.5	17.0	18.0	19.0	24.5	26.0	18.0	17.0	19.5	26.5	9.0	25.0	22
MIRAGE	28.0	26.0	20.5	16.0	12.5	25.0	17.0	17.5	14.5	23.0	20.5	17.0	24.5	21.5	23.0	18.0	25.0	7.0	27.0	23
BLUE-MUDA	25.0	18.0	22.5	20.0	26.0	23.0	20.0	20.0	8.0	26.0	22.5	15.0	18.0	20.0	24.5	28.0	19.5	4.0	16.5	24
SUNDEVIL II	24.0	17.0	27.0	18.5	20.5	18.0	16.0	25.0	26.0	17.0	18.0	19.5	16.5	21.5	20.5	19.5	28.0	18.5	25.0	25
JACKPOT	19.0	24.0	15.5	27.0	14.0	17.0	22.0	27.0	13.0	25.0	22.5	24.5	27.0	28.0	26.0	26.5	24.0	20.0	20.0	26
NUMEX-SAHARA	27.0	19.0	26.0	26.0	25.0	19.0	27.0	23.0	10.0	27.0	20.5	27.0	22.5	25.0	17.0	22.5	23.0	13.0	22.5	27
ARIZONA COMMON	26.0	27.0	18.0	28.0	27.5	24.0	28.0	28.0	20.0	28.0	25.0	23.0	28.0	27.0	27.0	25.0	26.5	24.0	28.0	28

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

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

TABLE 3B.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

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

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
OKS 95-1	2.0	2	1.0	3.0	1.0	1.0	1	1.0	1.0	1.5	2.5	1.0	3.5	2.0	1.0	1.0	3.0	2.0	4.5	1
PRINCESS	1.0	1	2.0	1.0	2.5	2.0	2	2.0	2.0	1.5	2.5	2.0	1.0	1.0	2.0	2.0	1.0	1.0	1.0	2
PST-R69C	3.0	4	5.5	4.0	13.5	5.0	5	5.0	10.0	3.0	1.0	4.0	3.5	4.0	3.0	3.0	2.0	5.0	8.0	3
SWI-11	4.0	3	4.0	2.0	7.0	4.0	4	12.5	13.5	6.0	7.0	13.0	2.0	3.0	5.0	4.0	5.0	8.5	4.5	4
SAVANNAH	6.0	11	7.5	9.0	13.5	17.0	3	15.0	12.0	4.0	6.0	8.0	6.5	7.0	6.5	6.0	12.0	16.0	4.5	5
BLACKJACK	7.0	13	10.0	15.0	10.5	10.5	8	6.0	5.0	7.0	4.0	4.0	5.0	13.0	12.5	16.5	9.5	3.5	4.5	6
MAJESTIC	13.0	12	3.0	10.5	7.0	3.0	10	4.0	5.0	11.0	11.0	8.0	9.0	6.0	4.0	7.0	11.0	11.0	11.0	7
SOUTHERN STAR (J-1224)	8.5	5	13.5	6.0	5.0	16.0	16	7.0	17.0	5.0	8.0	12.0	12.5	5.0	12.5	5.0	4.0	17.0	13.5	8
J-540	11.0	6	11.5	13.0	10.5	10.5	14	3.0	8.5	10.0	5.0	10.5	11.0	9.0	9.0	11.0	6.0	13.0	2.0	9
SHANGRI LA	8.5	10	5.5	7.0	10.5	12.0	13	10.0	15.0	12.0	9.5	4.0	10.0	14.0	12.5	14.0	8.0	12.0	8.0	10
SYDNEY (SWI-7)	5.0	18	15.0	5.0	17.5	6.0	10	12.5	16.0	13.0	9.5	17.0	14.5	16.0	6.5	12.5	7.0	8.5	11.0	11
PYRAMID	12.0	15	16.0	14.0	7.0	18.0	15	8.5	11.0	9.0	13.0	15.5	16.0	8.0	9.0	9.5	16.5	7.0	15.5	12
MIRAGE	18.0	16	11.5	8.0	2.5	15.0	7	8.5	8.5	14.0	14.5	8.0	14.5	11.5	15.0	8.0	15.0	6.0	17.0	13
BLUE-MUDA	15.0	8	13.5	12.0	16.0	13.0	10	11.0	3.0	16.0	16.5	6.0	8.0	10.0	16.0	18.0	9.5	3.5	8.0	14
SUNDEVIL II	14.0	7	18.0	10.5	10.5	8.0	6	16.0	18.0	8.0	12.0	10.5	6.5	11.5	12.5	9.5	18.0	14.0	15.5	15
JACKPOT	10.0	14	7.5	17.0	4.0	7.0	12	17.0	7.0	15.0	16.5	15.5	17.0	18.0	17.0	16.5	14.0	15.0	11.0	16
NUMEX-SAHARA	17.0	9	17.0	16.0	15.0	9.0	17	14.0	5.0	17.0	14.5	18.0	12.5	15.0	9.0	12.5	13.0	10.0	13.5	17
ARIZONA COMMON	16.0	17	9.0	18.0	17.5	14.0	18	18.0	13.5	18.0	18.0	14.0	18.0	17.0	18.0	15.0	16.5	18.0	18.0	18

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
GROWN AT NINETEEN LOCATIONS IN THE U.S. 1/  
1999 DATA

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

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
TIFSPORT (TIFT 94)	4.5	1.0	7.5	1	6.5	4.0	1.0	7.0	1.0	7.0	4.0	5.0	1	3	2	3	4.5	2	5	1
TIFWAY	6.0	2.0	9.0	3	4.5	3.0	4.0	4.0	6.0	5.5	6.0	7.5	2	2	1	4	3.0	4	5	2
OKC 18-4	1.0	9.0	3.5	7	4.5	6.0	2.5	2.5	3.0	5.5	2.5	3.0	10	6	4	8	2.0	3	1	3
TIFGREEN	4.5	7.0	1.5	4	2.0	5.0	6.5	9.0	8.0	2.0	1.0	7.5	5	4	3	5	1.0	6	9	4
MIDLAWN	2.0	4.5	7.5	9	2.0	2.0	6.5	2.5	2.0	9.0	7.0	2.0	7	1	7	7	4.5	5	3	5
OKC 19-9	10.0	8.0	5.0	6	2.0	7.0	2.5	5.5	4.5	1.0	5.0	6.0	8	7	6	6	7.0	8	2	6
CN 2-9	7.0	3.0	6.0	2	10.0	8.5	5.0	8.0	10.0	8.0	8.0	9.0	4	5	5	2	6.0	7	8	7
SHANGHAI	3.0	10.0	3.5	10	9.0	10.0	9.0	5.5	4.5	4.0	2.5	4.0	9	9	8	9	8.0	1	7	8
CARDINAL	8.0	6.0	10.0	8	8.0	1.0	8.0	1.0	7.0	10.0	10.0	1.0	3	10	10	10	9.0	9	10	9
MINI-VERDE	9.0	4.5	1.5	5	6.5	8.5	10.0	10.0	9.0	3.0	9.0	10.0	6	8	9	1	10.0	10	5	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. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*  
 1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/									MEAN
	AZ1	FL1	MD1	MS1	NM1	OK1	SC2	VA1	VA4	
TIFSPORT (TIFT 94)	7.2	6.1	6.9	7.8	7.7	7.7	7.6	5.9	6.6	7.1
TIFWAY	7.0	5.3	7.0	7.6	7.8	7.8	7.5	5.6	6.6	6.9
PRINCESS	7.0	5.5	7.3	6.4	7.3	6.8	6.6	6.6	6.6	6.7
TIFGREEN	6.3	5.2	7.4	6.7	7.6	7.7	7.1	5.2	6.3	6.6
CN 2-9	6.6	5.5	6.8	6.8	7.4	7.3	7.9	4.8	6.4	6.6
OKS 95-1	6.7	5.1	7.3	5.8	7.3	6.9	7.0	6.5	6.4	6.6
OKC 19-9	6.2	5.1	7.9	5.7	7.2	7.2	7.0	4.6	6.9	6.4
OKC 18-4	5.8	4.8	7.0	5.6	7.3	7.6	6.8	5.8	7.1	6.4
MIDLAWN	6.6	3.9	6.4	5.9	8.0	7.2	6.9	5.5	6.8	6.3
MINI-VERDE	6.6	5.1	7.2	6.2	7.0	5.4	8.0	3.4	6.6	6.2
SWI-11	6.6	5.3	6.4	6.0	7.1	5.8	6.1	5.8	6.4	6.2
PST-R69C	6.0	5.0	7.0	5.8	6.9	6.1	6.3	6.1	6.3	6.2
SHANGHAI	5.7	3.9	7.1	5.7	6.4	6.3	6.0	6.2	6.6	6.0
CARDINAL	6.5	4.5	5.1	6.9	6.3	5.1	5.6	4.1	6.1	5.6
SOUTHERN STAR (J-1224)	5.4	4.3	6.5	4.8	6.5	5.5	5.6	5.2	6.1	5.5
SAVANNAH	4.7	4.2	6.8	5.1	6.2	5.6	5.5	5.3	6.4	5.5
MAJESTIC	4.6	4.1	5.8	4.9	6.2	5.8	5.4	5.7	6.2	5.4
BLACKJACK	4.6	3.8	6.3	5.3	5.8	5.5	4.7	6.2	6.4	5.4
J-540	5.0	4.0	5.9	4.8	6.0	5.6	5.0	5.6	6.4	5.4
SUNDEVIL II	4.8	4.1	6.2	5.1	5.8	5.5	5.1	5.5	6.1	5.4
PYRAMID	4.5	3.9	6.1	4.6	6.1	5.6	5.1	5.9	6.1	5.3
SHANGRI LA	4.7	4.3	5.8	4.9	5.7	5.5	4.8	5.7	6.3	5.3
BLUE-MUDA	4.8	4.1	4.9	5.0	5.9	5.4	4.6	6.2	6.3	5.2
MIRAGE	4.4	4.2	5.4	4.7	5.8	5.4	5.1	6.0	6.0	5.2
SYDNEY (SWI-7)	4.3	4.5	5.5	4.7	5.5	5.6	4.9	5.8	6.2	5.2
NUMEX-SAHARA	4.8	3.6	4.8	4.8	5.6	5.6	4.9	5.8	6.1	5.1
JACKPOT	4.6	3.6	5.0	4.5	5.4	5.3	4.7	5.4	6.2	5.0
ARIZONA COMMON	4.4	3.3	4.6	4.5	5.5	5.2	4.8	4.9	5.8	4.8
LSD VALUE	0.8	0.8	0.8	0.6	0.7	0.3	0.6	1.1	0.5	0.2
C.V. (%)	9.3	10.6	7.9	6.2	6.3	3.4	6.4	12.0	5.0	7.6

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

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

\* SCHEDULE A -  $\frac{1}{2}$ - $\frac{3}{4}$  INCH MOWING HEIGHT  
 $\frac{3}{4}$ -1 lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH  
 IRRIGATION TO PREVENT VISUAL DROUGHT STRESS  
 MOWING FREQUENCY 3-5 TIMES PER WEEK

TABLE 4B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*  
 1999 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AZ1	FL1	MD1	MS1	NM1	OK1	SC2	VA1	VA4	MEAN
PRINCESS	7.0	5.5	7.3	6.4	7.3	6.8	6.6	6.6	6.6	6.7
OKS 95-1	6.7	5.1	7.3	5.8	7.3	6.9	7.0	6.5	6.4	6.6
SWI-11	6.6	5.3	6.4	6.0	7.1	5.8	6.1	5.8	6.4	6.2
PST-R69C	6.0	5.0	7.0	5.8	6.9	6.1	6.3	6.1	6.3	6.2
SOUTHERN STAR (J-1224)	5.4	4.3	6.5	4.8	6.5	5.5	5.6	5.2	6.1	5.5
SAVANNAH	4.7	4.2	6.8	5.1	6.2	5.6	5.5	5.3	6.4	5.5
MAJESTIC	4.6	4.1	5.8	4.9	6.2	5.8	5.4	5.7	6.2	5.4
BLACKJACK	4.6	3.8	6.3	5.3	5.8	5.5	4.7	6.2	6.4	5.4
J-540	5.0	4.0	5.9	4.8	6.0	5.6	5.0	5.6	6.4	5.4
SUNDEVIL II	4.8	4.1	6.2	5.1	5.8	5.5	5.1	5.5	6.1	5.4
PYRAMID	4.5	3.9	6.1	4.6	6.1	5.6	5.1	5.9	6.1	5.3
SHANGRI LA	4.7	4.3	5.8	4.9	5.7	5.5	4.8	5.7	6.3	5.3
BLUE-MUDA	4.8	4.1	4.9	5.0	5.9	5.4	4.6	6.2	6.3	5.2
MIRAGE	4.4	4.2	5.4	4.7	5.8	5.4	5.1	6.0	6.0	5.2
SYDNEY (SWI-7)	4.3	4.5	5.5	4.7	5.5	5.6	4.9	5.8	6.2	5.2
NUMEX-SAHARA	4.8	3.6	4.8	4.8	5.6	5.6	4.9	5.8	6.1	5.1
JACKPOT	4.6	3.6	5.0	4.5	5.4	5.3	4.7	5.4	6.2	5.0
ARIZONA COMMON	4.4	3.3	4.6	4.5	5.5	5.2	4.8	4.9	5.8	4.8
LSD VALUE	0.9	0.8	0.8	0.5	0.7	0.4	0.7	1.2	0.6	0.3
C.V. (%)	10.8	11.6	7.8	6.6	7.3	3.9	7.8	12.9	5.6	8.5

TABLE 4C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 GROWN AT NINE LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE A" \*  
 1999 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AZ1	FL1	MD1	MS1	NM1	OK1	SC2	VA1	VA4	MEAN
TIFSPORT (TIFT 94)	7.2	6.1	6.9	7.8	7.7	7.7	7.6	5.9	6.6	7.1
TIFWAY	7.0	5.3	7.0	7.6	7.8	7.8	7.5	5.6	6.6	6.9
TIFGREEN	6.3	5.2	7.4	6.7	7.6	7.7	7.1	5.2	6.3	6.6
CN 2-9	6.6	5.5	6.8	6.8	7.4	7.3	7.9	4.8	6.4	6.6
OKC 19-9	6.2	5.1	7.9	5.7	7.2	7.2	7.0	4.6	6.9	6.4
OKC 18-4	5.8	4.8	7.0	5.6	7.3	7.6	6.8	5.8	7.1	6.4
MIDLAWN	6.6	3.9	6.4	5.9	8.0	7.2	6.9	5.5	6.8	6.3
MINI-VERDE	6.6	5.1	7.2	6.2	7.0	5.4	8.0	3.4	6.6	6.2
SHANGHAI	5.7	3.9	7.1	5.7	6.4	6.3	6.0	6.2	6.6	6.0
CARDINAL	6.5	4.5	5.1	6.9	6.3	5.1	5.6	4.1	6.1	5.6
LSD VALUE	0.7	0.7	0.9	0.6	0.5	0.3	0.5	0.8	0.4	0.2
C.V. (%)	7.2	9.1	8.1	5.5	4.7	2.6	4.3	9.7	3.9	6.2

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

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

TABLE 5A.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS  
 GROWN AT TEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 1999 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/										MEAN
	AR1	CA3	GA1	IL2	IN2	KS2	KY1	MO1	MO2	TX2	
OKS 95-1	6.9	5.1	6.7	7.2	6.8	7.2	8.1	7.9	6.3	5.6	6.8
OKC 18-4	7.6	5.1	7.3	7.2	6.8	6.2	7.3	7.8	5.9	6.0	6.7
TIFSPORT (TIPT 94)	6.8	4.8	7.2	7.4	6.8	5.7	7.8	7.5	5.8	5.8	6.6
MIDLAWN	7.2	4.8	7.4	7.7	6.3	6.2	7.4	6.6	6.0	5.8	6.5
TIFWAY	6.6	4.7	7.3	7.6	6.4	6.1	6.7	7.2	5.4	5.9	6.4
TIFGREEN	6.8	5.5	7.4	7.2	6.3	5.3	5.6	7.9	5.4	6.0	6.3
PRINCESS	7.2	4.9	6.3	6.4	6.4	5.4	7.1	7.9	5.1	6.0	6.3
SHANGHAI	7.1	5.1	6.6	6.2	5.4	5.9	6.9	7.8	5.8	5.3	6.2
OKC 19-9	4.9	4.9	7.4	6.8	6.8	5.9	6.9	7.2	5.7	5.6	6.2
CARDINAL	6.2	4.4	6.9	8.1	6.1	6.3	6.3	4.1	6.1	5.2	6.0
CN 2-9	6.4	4.9	6.5	6.4	6.4	5.6	4.7	6.1	5.2	5.6	5.8
PST-R69C	6.2	4.8	5.8	4.4	4.8	4.9	6.5	8.1	4.8	5.6	5.6
SWI-11	6.1	4.8	6.0	4.7	5.2	4.5	6.3	7.3	4.6	5.5	5.5
BLACKJACK	5.6	4.6	5.9	3.9	4.4	4.9	6.8	7.5	4.8	4.7	5.3
MAJESTIC	4.6	4.9	6.0	4.7	4.3	5.1	6.8	7.2	4.7	4.7	5.3
J-540	4.9	4.6	5.9	3.9	3.9	5.2	6.5	7.5	4.7	5.4	5.2
SAVANNAH	5.6	4.8	5.8	3.3	5.5	4.3	6.4	7.4	4.7	4.6	5.2
SHANGRI LA	5.5	4.8	5.9	3.9	4.0	4.7	6.2	7.2	4.8	4.8	5.2
SYDNEY (SWI-7)	5.8	4.6	5.5	4.3	4.3	4.5	6.0	7.2	4.4	4.9	5.1
SOUTHERN STAR (J-1224)	5.5	4.6	6.1	3.4	3.7	4.9	5.7	7.3	4.7	5.5	5.1
JACKPOT	5.3	4.8	6.2	4.2	4.2	3.7	6.5	6.8	4.5	4.5	5.1
MINI-VERDE	5.5	5.5	7.2	6.4	5.3	3.7	4.9	4.9	2.0	5.0	5.0
MIRAGE	3.9	4.6	6.3	3.4	4.5	4.7	6.5	7.0	4.7	4.4	5.0
BLUE-MUDA	4.4	4.6	5.6	3.6	4.3	4.6	6.8	6.8	4.8	4.7	5.0
PYRAMID	4.7	4.6	6.0	3.3	3.9	4.7	6.5	7.1	4.5	4.3	5.0
SUNDEVIL II	4.4	4.5	5.9	4.1	4.6	4.1	5.4	7.1	4.7	4.2	4.9
NUMEX-SAHARA	4.3	4.5	5.7	4.0	3.5	4.4	6.8	7.0	4.3	4.6	4.9
ARIZONA COMMON	4.4	4.7	5.5	3.5	3.3	3.6	6.3	6.2	4.6	4.3	4.6
LSD VALUE	0.7	0.3	0.7	0.9	1.0	0.8	0.7	0.7	0.5	0.5	0.2
C.V. (%)	7.8	3.8	6.4	10.9	11.6	9.5	7.1	6.4	6.3	6.1	7.8

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

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

\* SCHEDULE B - 3/4-1 INCH MOWING HEIGHT  
 1/2-3/4 lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH  
 IRRIGATION TO PREVENT DORMANCY  
 MOWING FREQUENCY 1-2 TIMES PER WEEK

TABLE 5B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 GROWN AT TEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 1999 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	CA3	GA1	IL2	IN2	KS2	KY1	MO1	MO2	TX2	MEAN
OKS 95-1	6.9	5.1	6.7	7.2	6.8	7.2	8.1	7.9	6.3	5.6	6.8
PRINCESS	7.2	4.9	6.3	6.4	6.4	5.4	7.1	7.9	5.1	6.0	6.3
PST-R69C	6.2	4.8	5.8	4.4	4.8	4.9	6.5	8.1	4.8	5.6	5.6
SWI-11	6.1	4.8	6.0	4.7	5.2	4.5	6.3	7.3	4.6	5.5	5.5
BLACKJACK	5.6	4.6	5.9	3.9	4.4	4.9	6.8	7.5	4.8	4.7	5.3
MAJESTIC	4.6	4.9	6.0	4.7	4.3	5.1	6.8	7.2	4.7	4.7	5.3
J-540	4.9	4.6	5.9	3.9	3.9	5.2	6.5	7.5	4.7	5.4	5.2
SAVANNAH	5.6	4.8	5.8	3.3	5.5	4.3	6.4	7.4	4.7	4.6	5.2
SHANGRI LA	5.5	4.8	5.9	3.9	4.0	4.7	6.2	7.2	4.8	4.8	5.2
SYDNEY (SWI-7)	5.8	4.6	5.5	4.3	4.3	4.5	6.0	7.2	4.4	4.9	5.1
SOUTHERN STAR (J-1224)	5.5	4.6	6.1	3.4	3.7	4.9	5.7	7.3	4.7	5.5	5.1
JACKPOT	5.3	4.8	6.2	4.2	4.2	3.7	6.5	6.8	4.5	4.5	5.1
MIRAGE	3.9	4.6	6.3	3.4	4.5	4.7	6.5	7.0	4.7	4.4	5.0
BLUE-MUDA	4.4	4.6	5.6	3.6	4.3	4.6	6.8	6.8	4.8	4.7	5.0
PYRAMID	4.7	4.6	6.0	3.3	3.9	4.7	6.5	7.1	4.5	4.3	5.0
SUNDEVIL II	4.4	4.5	5.9	4.1	4.6	4.1	5.4	7.1	4.7	4.2	4.9
NUMEX-SAHARA	4.3	4.5	5.7	4.0	3.5	4.4	6.8	7.0	4.3	4.6	4.9
ARIZONA COMMON	4.4	4.7	5.5	3.5	3.3	3.6	6.3	6.2	4.6	4.3	4.6
LSD VALUE	0.7	0.3	0.6	0.9	1.1	0.9	0.8	0.6	0.5	0.5	0.2
C.V. (%)	8.8	3.5	6.3	12.9	15.1	12.0	7.9	5.4	6.9	6.5	8.7

TABLE 5C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 GROWN AT TEN LOCATIONS IN THE U.S. 1/  
 MAINTAINED USING "SCHEDULE B" \*  
 1999 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	AR1	CA3	GA1	IL2	IN2	KS2	KY1	MO1	MO2	TX2	MEAN
OKC 18-4	7.6	5.1	7.3	7.2	6.8	6.2	7.3	7.8	5.9	6.0	6.7
TIFSPORT (TIFT 94)	6.8	4.8	7.2	7.4	6.8	5.7	7.8	7.5	5.8	5.8	6.6
MIDLAWN	7.2	4.8	7.4	7.7	6.3	6.2	7.4	6.6	6.0	5.8	6.5
TIFWAY	6.6	4.7	7.3	7.6	6.4	6.1	6.7	7.2	5.4	5.9	6.4
TIFGREEN	6.8	5.5	7.4	7.2	6.3	5.3	5.6	7.9	5.4	6.0	6.3
SHANGHAI	7.1	5.1	6.6	6.2	5.4	5.9	6.9	7.8	5.8	5.3	6.2
OKC 19-9	4.9	4.9	7.4	6.8	6.8	5.9	6.9	7.2	5.7	5.6	6.2
CARDINAL	6.2	4.4	6.9	8.1	6.1	6.3	6.3	4.1	6.1	5.2	6.0
CN 2-9	6.4	4.9	6.5	6.4	6.4	5.6	4.7	6.1	5.2	5.6	5.8
MINI-VERDE	5.5	5.5	7.2	6.4	5.3	3.7	4.9	4.9	2.0	5.0	5.0
LSD VALUE	0.7	0.3	0.7	1.0	0.6	0.4	0.6	0.9	0.5	0.5	0.2
C.V. (%)	6.4	4.1	6.4	8.6	6.2	4.7	5.5	8.2	5.2	5.3	6.5

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

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

TABLE 6A. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVAR  
UNDER DIFFERENT MANAGEMENT SCHEDULES \* 1/  
1999 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	SCHEDULE A	SCHEDULE B	MEAN
TIFSPORT (TIFT 94)	7.1	6.6	6.8
OKS 95-1	6.6	6.8	6.7
TIFWAY	6.9	6.4	6.6
OKC 18-4	6.4	6.7	6.6
TIFGREEN	6.6	6.3	6.5
PRINCESS	6.7	6.3	6.5
MIDLAWN	6.3	6.5	6.4
OKC 19-9	6.4	6.2	6.3
CN 2-9	6.6	5.8	6.2
SHANGHAI	6.0	6.2	6.1
PST-R69C	6.2	5.6	5.9
SWI-11	6.2	5.5	5.8
CARDINAL	5.6	6.0	5.8
MINI-VERDE	6.2	5.0	5.6
SAVANNAH	5.5	5.2	5.4
BLACKJACK	5.4	5.3	5.4
MAJESTIC	5.4	5.3	5.3
SOUTHERN STAR (J-1224)	5.5	5.1	5.3
J-540	5.4	5.2	5.3
SHANGRI LA	5.3	5.2	5.2
SYDNEY (SWI-7)	5.2	5.1	5.2
PYRAMID	5.3	5.0	5.1
MIRAGE	5.2	5.0	5.1
BLUE-MUDA	5.2	5.0	5.1
SUNDEVIL II	5.4	4.9	5.1
JACKPOT	5.0	5.1	5.0
NUMEX-SAHARA	5.1	4.9	5.0
ARIZONA COMMON	4.8	4.6	4.7
LSD VALUE	0.2	0.2	0.2
C.V. (%)	7.6	7.8	7.7

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

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

\* SCHEDULE A -  $\frac{1}{2}$ - $\frac{3}{4}$  INCH MOWING HEIGHT  
3/4-1 lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH  
IRRIGATION TO PREVENT VISUAL DROUGHT STRESS  
MOWING FREQUENCY 3-5 TIMES PER WEEK

\* SCHEDULE B - 3/4-1 INCH MOWING HEIGHT  
 $\frac{1}{2}$ - $\frac{3}{4}$  lb. N/1000 FT<sup>2</sup>/PER GROWING MONTH  
IRRIGATION TO PREVENT DORMANCY  
MOWING FREQUENCY 1-2 TIMES PER WEEK



TABLE 6B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVAR  
 UNDER DIFFERENT MANAGEMENT SCHEDULES \* 1/  
 1999 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	SCHEDULE A	SCHEDULE B	MEAN
OKS 95-1	6.6	6.8	6.7
PRINCESS	6.7	6.3	6.5
PST-R69C	6.2	5.6	5.9
SWI-11	6.2	5.5	5.8
SAVANNAH	5.5	5.2	5.4
BLACKJACK	5.4	5.3	5.4
MAJESTIC	5.4	5.3	5.3
SOUTHERN STAR (J-1224)	5.5	5.1	5.3
J-540	5.4	5.2	5.3
SHANGRI LA	5.3	5.2	5.2
SYDNEY (SWI-7)	5.2	5.1	5.2
PYRAMID	5.3	5.0	5.1
MIRAGE	5.2	5.0	5.1
BLUE-MUDA	5.2	5.0	5.1
SUNDEVIL II	5.4	4.9	5.1
JACKPOT	5.0	5.1	5.0
NUMEX-SAHARA	5.1	4.9	5.0
ARIZONA COMMON	4.8	4.6	4.7
LSD VALUE	0.3	0.2	0.2
C.V. (%)	8.5	8.7	8.6

TABLE 6C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVAR  
 UNDER DIFFERENT MANAGEMENT SCHEDULES \* 1/  
 1999 DATA  
 TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	SCHEDULE A	SCHEDULE B	MEAN
TIFSPORT (TIFT 94)	7.1	6.6	6.8
TIFWAY	6.9	6.4	6.6
OKC 18-4	6.4	6.7	6.6
TIFGREEN	6.6	6.3	6.5
MIDLAWN	6.3	6.5	6.4
OKC 19-9	6.4	6.2	6.3
CN 2-9	6.6	5.8	6.2
SHANGHAI	6.0	6.2	6.1
CARDINAL	5.6	6.0	5.8
MINI-VERDE	6.2	5.0	5.6
LSD VALUE	0.2	0.2	0.1
C.V. (%)	6.2	6.5	6.3

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

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

TABLE 7A.

GENETIC COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	AR1	AZ1	CA3	FL1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
SHANGHAI	9.0	6.3	7.7	6.0	8.0	7.7	8.7	8.0	8.0	7.0	6.7	7.0	9.0	8.0	9.0	6.7	6.7	6.0	7.5
OKC 18-4	8.3	6.3	7.3	5.7	8.3	6.3	8.0	9.0	8.0	7.0	6.3	6.7	8.7	8.3	9.0	7.3	5.0	6.3	7.3
OKC 19-9	8.0	6.3	7.0	7.0	8.7	5.3	7.0	6.3	8.0	6.7	5.7	7.0	8.7	7.7	9.0	6.3	6.7	6.0	7.1
CN 2-9	7.3	7.3	7.0	7.7	7.0	6.3	7.7	6.0	7.3	5.3	6.3	7.0	7.7	7.7	9.0	7.3	6.0	6.0	7.0
TIFWAY	8.3	7.3	7.0	7.3	6.7	6.0	7.0	7.3	7.0	6.0	5.7	7.0	7.3	7.0	9.0	7.7	5.7	6.0	7.0
TIFSPORT (TIFT 94)	8.0	7.7	7.0	7.3	5.7	6.0	6.7	7.3	7.0	6.3	5.7	7.0	8.0	7.0	9.0	7.0	5.7	6.3	6.9
OKS 95-1	6.7	7.0	8.0	6.0	6.0	5.0	6.3	8.7	7.0	7.3	6.0	7.0	6.3	7.0	9.0	6.3	7.0	5.7	6.8
PRINCESS	7.3	7.7	7.7	6.0	6.7	5.3	7.0	8.0	7.0	6.7	6.0	7.0	7.7	7.0	8.7	6.3	4.0	6.0	6.8
MINI-VERDE	7.7	8.0	8.0	6.3	8.3	5.7	6.7	6.0	6.7	4.0	4.3	6.7	7.3	7.7	9.0	7.0	5.0	6.3	6.7
SWI-11	6.3	7.0	7.0	6.0	6.7	5.3	6.7	9.0	6.0	7.0	5.0	7.0	7.0	6.7	9.0	5.3	3.0	5.7	6.4
MIDLAWN	7.3	6.3	7.0	5.7	4.3	5.0	5.7	7.0	6.7	6.7	5.0	6.7	7.3	7.0	8.7	6.3	6.7	5.7	6.4
SOUTHERN STAR (J-1224)	6.0	5.7	7.0	5.0	7.0	6.0	6.3	7.7	6.3	6.7	5.0	7.0	6.7	7.0	8.7	5.3	4.3	6.0	6.3
PST-R69C	6.3	7.0	7.0	5.7	6.3	5.3	6.0	6.3	7.0	7.0	5.0	7.0	6.0	6.7	8.3	5.7	5.0	5.0	6.3
PYRAMID	5.3	6.0	7.0	5.0	6.0	5.3	6.0	9.0	6.0	6.0	5.3	7.0	6.0	6.7	8.7	5.0	6.0	5.7	6.2
SAVANNAH	7.0	6.0	7.0	5.0	7.0	5.0	6.0	7.3	7.0	6.7	5.0	7.0	5.0	6.7	8.0	5.0	5.0	5.7	6.2
BLUE-MUDA	6.0	5.7	7.0	5.3	6.3	5.7	5.7	8.0	6.0	6.3	5.3	7.0	5.0	6.7	7.7	4.7	6.3	6.0	6.1
J-540	5.0	6.0	7.0	5.0	5.7	5.3	6.0	8.3	6.0	6.0	5.0	7.0	6.7	6.3	8.3	5.3	5.3	5.3	6.1
NUMEX-SAHARA	6.0	5.7	7.0	5.0	5.7	5.7	6.0	8.3	6.0	5.3	5.3	7.0	5.3	6.7	7.7	5.0	6.0	5.7	6.1
MAJESTIC	6.7	6.0	7.0	5.0	5.0	5.0	5.7	8.7	6.0	5.3	5.0	7.0	6.0	6.7	8.3	5.0	5.3	5.3	6.1
MIRAGE	5.3	6.0	7.0	5.0	6.3	5.0	6.0	7.7	6.0	5.7	5.0	7.0	6.0	6.3	8.0	5.0	6.0	5.7	6.1
SUNDEVIL II	6.3	6.0	7.0	4.7	5.7	5.0	6.0	7.7	6.0	6.3	5.0	7.0	6.0	6.3	8.3	5.0	5.3	5.3	6.1
SYDNEY (SWI-7)	5.3	5.7	7.0	5.0	6.3	5.3	6.0	7.0	6.0	7.0	4.7	6.7	5.0	6.7	7.7	5.0	5.3	5.3	5.9
TIFGREEN	6.3	6.0	7.0	6.0	4.0	5.0	6.0	4.7	6.7	6.3	4.3	6.0	6.0	7.0	8.7	4.7	5.7	6.0	5.9
BLACKJACK	5.0	5.3	7.0	4.7	5.0	5.3	5.7	7.7	6.0	6.3	5.0	7.0	5.3	6.3	7.7	5.0	6.3	5.7	5.9
SHANGRI LA	5.0	5.3	7.0	5.0	4.7	5.0	6.0	7.3	6.3	6.0	5.0	7.0	5.3	6.7	8.0	5.0	5.7	5.7	5.9
JACKPOT	6.0	5.7	7.0	4.7	5.7	5.0	5.7	7.7	6.0	5.3	4.7	7.0	4.7	6.3	7.7	5.0	6.0	5.7	5.9
ARIZONA COMMON	5.3	5.3	7.0	5.0	5.0	4.7	6.0	7.7	6.0	5.0	5.0	7.0	5.0	6.7	7.3	5.0	5.7	5.0	5.8
CARDINAL	6.0	5.3	6.0	3.3	3.0	3.0	4.0	6.0	7.0	4.7	4.0	5.0	3.3	5.0	3.7	3.7	4.3	5.0	4.6
LSD VALUE	1.3	0.9	0.3	0.8	1.2	1.0	0.6	1.2	0.4	1.2	0.9	0.4	1.4	0.8	0.8	1.1	1.5	0.8	0.2
C.V. (%)	12.7	8.9	2.7	9.0	12.2	11.1	6.0	10.3	4.0	11.8	10.4	3.2	13.3	7.5	5.8	12.5	16.5	8.5	9.6

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

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

TABLE 7B.

GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDDED) CULTIVARS 1/  
1999 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/																		
	AR1	AZ1	CA3	FL1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
OKS 95-1	6.7	7.0	8.0	6.0	6.0	5.0	6.3	8.7	7.0	7.3	6.0	7.0	6.3	7.0	9.0	6.3	7.0	5.7	6.8
PRINCESS	7.3	7.7	7.7	6.0	6.7	5.3	7.0	8.0	7.0	6.7	6.0	7.0	7.7	7.0	8.7	6.3	4.0	6.0	6.8
SWI-11	6.3	7.0	7.0	6.0	6.7	5.3	6.7	9.0	6.0	7.0	5.0	7.0	7.0	6.7	9.0	5.3	3.0	5.7	6.4
SOUTHERN STAR (J-1224)	6.0	5.7	7.0	5.0	7.0	6.0	6.3	7.7	6.3	6.7	5.0	7.0	6.7	7.0	8.7	5.3	4.3	6.0	6.3
PST-R69C	6.3	7.0	7.0	5.7	6.3	5.3	6.0	6.3	7.0	7.0	5.0	7.0	6.0	6.7	8.3	5.7	5.0	5.0	6.3
PYRAMID	5.3	6.0	7.0	5.0	6.0	5.3	6.0	9.0	6.0	6.0	5.3	7.0	6.0	6.7	8.7	5.0	6.0	5.7	6.2
SAVANNAH	7.0	6.0	7.0	5.0	7.0	5.0	6.0	7.3	7.0	6.7	5.0	7.0	5.0	6.7	8.0	5.0	5.0	5.7	6.2
BLUE-MUDA	6.0	5.7	7.0	5.3	6.3	5.7	5.7	8.0	6.0	6.3	5.3	7.0	5.0	6.7	7.7	4.7	6.3	6.0	6.1
J-540	5.0	6.0	7.0	5.0	5.7	5.3	6.0	8.3	6.0	6.0	5.0	7.0	6.7	6.3	8.3	5.3	5.3	5.3	6.1
NUMEX-SAHARA	6.0	5.7	7.0	5.0	5.7	5.7	6.0	8.3	6.0	5.3	5.3	7.0	5.3	6.7	7.7	5.0	6.0	5.7	6.1
MAJESTIC	6.7	6.0	7.0	5.0	5.0	5.0	5.7	8.7	6.0	5.3	5.0	7.0	6.0	6.7	8.3	5.0	5.3	5.3	6.1
MIRAGE	5.3	6.0	7.0	5.0	6.3	5.0	6.0	7.7	6.0	5.7	5.0	7.0	6.0	6.3	8.0	5.0	6.0	5.7	6.1
SUNDEVIL II	6.3	6.0	7.0	4.7	5.7	5.0	6.0	7.7	6.0	6.3	5.0	7.0	6.0	6.3	8.3	5.0	5.3	5.3	6.1
SYDNEY (SWI-7)	5.3	5.7	7.0	5.0	6.3	5.3	6.0	7.0	6.0	7.0	4.7	6.7	5.0	6.7	7.7	5.0	5.3	5.3	5.9
BLACKJACK	5.0	5.3	7.0	4.7	5.0	5.3	5.7	7.7	6.0	6.3	5.0	7.0	5.3	6.3	7.7	5.0	6.3	5.7	5.9
SHANGRI LA	5.0	5.3	7.0	5.0	4.7	5.0	6.0	7.3	6.3	6.0	5.0	7.0	5.3	6.7	8.0	5.0	5.7	5.7	5.9
JACKPOT	6.0	5.7	7.0	4.7	5.7	5.0	5.7	7.7	6.0	5.3	4.7	7.0	4.7	6.3	7.7	5.0	6.0	5.7	5.9
ARIZONA COMMON	5.3	5.3	7.0	5.0	5.0	4.7	6.0	7.7	6.0	5.0	5.0	7.0	5.0	6.7	7.3	5.0	5.7	5.0	5.8
LSD VALUE	1.5	0.8	0.2	0.6	1.2	0.7	0.6	1.3	0.3	0.9	0.6	0.2	1.5	0.9	0.9	0.8	1.6	0.8	0.2
C.V. (%)	15.5	8.7	1.9	7.4	12.9	8.2	5.9	10.1	3.1	9.0	7.5	1.9	16.5	8.7	6.7	9.4	18.4	8.8	9.7

TABLE 7C.

GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/																		
	AR1	AZ1	CA3	FL1	IL2	IN2	KS2	KY1	MD1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	VA4	MEAN
SHANGHAI	9.0	6.3	7.7	6.0	8.0	7.7	8.7	8.0	8.0	7.0	6.7	7.0	9.0	8.0	9.0	6.7	6.7	6.0	7.5
OKC 18-4	8.3	6.3	7.3	5.7	8.3	6.3	8.0	9.0	8.0	7.0	6.3	6.7	8.7	8.3	9.0	7.3	5.0	6.3	7.3
OKC 19-9	8.0	6.3	7.0	7.0	8.7	5.3	7.0	6.3	8.0	6.7	5.7	7.0	8.7	7.7	9.0	6.3	6.7	6.0	7.1
CN 2-9	7.3	7.3	7.0	7.7	7.0	6.3	7.7	6.0	7.3	5.3	6.3	7.0	7.7	7.7	9.0	7.3	6.0	6.0	7.0
TIFWAY	8.3	7.3	7.0	7.3	6.7	6.0	7.0	7.3	7.0	6.0	5.7	7.0	7.3	7.0	9.0	7.7	5.7	6.0	7.0
TIFSPORT (TIPT 94)	8.0	7.7	7.0	7.3	5.7	6.0	6.7	7.3	7.0	6.3	5.7	7.0	8.0	7.0	9.0	7.0	5.7	6.3	6.9
MINI-VERDE	7.7	8.0	8.0	6.3	8.3	5.7	6.7	6.0	6.7	4.0	4.3	6.7	7.3	7.7	9.0	7.0	5.0	6.3	6.7
MIDLAWN	7.3	6.3	7.0	5.7	4.3	5.0	5.7	7.0	6.7	6.7	5.0	6.7	7.3	7.0	8.7	6.3	6.7	5.7	6.4
TIFGREEN	6.3	6.0	7.0	6.0	4.0	5.0	6.0	4.7	6.7	6.3	4.3	6.0	6.0	7.0	8.7	4.7	5.7	6.0	5.9
CARDINAL	6.0	5.3	6.0	3.3	3.0	3.0	4.0	6.0	7.0	4.7	4.0	5.0	3.3	5.0	3.7	3.7	4.3	5.0	4.6
LSD VALUE	1.0	1.0	0.4	1.1	1.1	1.3	0.7	1.2	0.6	1.5	1.2	0.5	0.9	0.6	0.5	1.6	1.2	0.8	0.2
C.V. (%)	8.3	9.0	3.6	10.6	11.0	14.5	6.1	10.8	5.0	15.8	13.9	4.8	7.9	5.0	3.8	15.4	12.7	8.1	9.5

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

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

TABLE 8A.

 SPRING GREENUP RATINGS OF BERMUDAGRASS CULTIVARS 1/  
 1999 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	MD1	MO1	MO2	MS1	NM1	OK1	SC2	VA1	VA4	MEAN
OKS 95-1	5.0	5.0	7.0	4.7	5.7	9.0	6.7	8.0	8.0	7.0	7.7	5.3	6.7	5.7	6.7	6.0	6.0	6.5
MIDLAWN	6.3	4.7	7.0	4.0	5.7	8.3	7.3	8.0	6.0	6.7	7.7	4.7	8.0	6.3	6.0	6.0	5.0	6.3
CARDINAL	5.0	4.0	7.0	5.3	7.0	7.0	7.3	8.0	8.0	6.7	7.7	7.0	6.0	7.7	5.0	3.7	5.0	6.3
OKC 19-9	2.7	4.7	7.7	5.3	7.7	6.7	6.7	7.3	7.7	7.0	5.7	6.3	7.0	6.3	7.0	5.3	6.0	6.3
SAVANNAH	4.0	4.7	7.0	4.3	6.7	6.7	6.0	5.3	7.7	7.0	3.7	5.3	6.3	4.7	7.0	3.3	5.7	5.6
PST-R69C	5.7	5.0	7.0	4.7	6.7	5.0	4.3	5.0	8.0	7.3	3.3	5.0	7.0	5.0	7.0	3.7	4.7	5.5
BLACKJACK	3.3	4.7	7.0	3.7	6.3	8.0	4.3	6.0	7.0	6.7	4.7	5.3	6.3	5.0	5.7	4.7	5.0	5.5
TIFGREEN	5.3	5.0	7.0	4.3	7.0	5.7	3.0	5.3	7.7	6.7	4.7	5.0	6.0	5.7	5.7	5.0	4.7	5.5
BLUE-MUDA	3.3	4.3	7.0	4.3	5.3	4.3	4.3	5.7	7.0	7.0	4.0	5.3	7.7	5.0	7.0	5.3	6.0	5.5
MIRAGE	2.7	4.7	7.0	3.7	6.3	5.3	6.0	4.7	7.0	6.0	4.0	4.7	7.0	5.0	7.0	4.3	5.0	5.3
SHANGHAI	5.3	4.7	7.0	4.0	5.7	3.3	4.3	7.0	7.0	7.0	4.3	5.7	8.3	4.0	3.0	5.3	4.3	5.3
JACKPOT	2.7	4.3	6.7	4.0	6.7	7.3	5.7	3.3	7.3	6.0	4.0	4.3	6.7	5.0	6.7	4.3	4.7	5.3
PYRAMID	3.0	4.3	7.0	4.0	6.3	4.7	4.7	5.7	7.0	6.3	3.3	5.3	7.3	4.7	7.0	4.0	4.7	5.3
TIFSPORT (TIFT 94)	5.0	5.7	7.0	5.7	6.3	2.7	3.3	4.3	6.3	6.7	3.0	6.7	8.0	5.0	4.0	3.7	4.7	5.2
TIFWAY	5.7	6.0	7.0	5.3	6.3	2.7	3.0	4.7	6.3	6.3	1.7	5.3	8.3	6.0	4.3	4.0	4.7	5.2
SHANGRI LA	3.0	4.0	7.0	4.7	6.0	5.7	3.7	5.0	6.7	6.0	4.0	4.7	8.0	4.3	6.3	4.0	4.7	5.2
CN 2-9	5.3	5.7	7.0	4.3	6.0	5.7	4.3	5.0	6.0	5.7	2.3	5.0	7.0	4.7	5.7	3.3	4.3	5.1
SYDNEY (SWI-7)	4.0	4.3	7.0	4.3	5.0	5.7	4.7	4.7	6.7	6.0	3.7	4.3	8.0	5.0	6.3	3.7	4.0	5.1
OKC 18-4	5.7	4.7	7.0	4.7	6.3	2.0	4.7	7.0	6.7	7.0	4.0	5.0	7.3	4.3	3.3	3.7	3.7	5.1
NUMEX-SAHARA	2.7	4.3	7.0	4.0	6.3	4.7	4.0	4.0	7.0	6.0	2.3	4.3	8.0	4.7	6.7	4.7	5.7	5.1
SOUTHERN STAR (J-1224)	4.0	4.0	7.0	4.3	6.3	5.7	2.7	5.3	6.7	7.0	3.0	4.3	8.0	5.0	5.0	3.0	4.7	5.1
SUNDEVIL II	2.7	4.3	7.0	4.0	6.3	5.7	5.0	4.3	6.3	6.3	3.3	5.0	5.7	4.7	6.3	3.3	4.7	5.0
J-540	4.0	4.0	7.0	4.0	6.3	5.7	3.7	6.7	7.3	6.7	2.7	3.7	4.3	5.0	6.0	4.0	3.7	5.0
MAJESTIC	2.7	4.7	7.0	3.7	5.3	4.7	4.0	4.3	6.3	6.7	2.3	4.3	5.0	4.7	7.0	3.0	4.3	4.7
ARIZONA COMMON	2.3	4.3	6.3	3.3	6.3	4.3	4.3	2.0	6.3	5.0	3.3	4.7	6.3	4.7	6.7	4.7	4.0	4.6
PRINCESS	6.0	5.3	7.0	5.0	5.3	3.0	3.3	3.3	5.7	6.3	1.3	4.7	7.3	4.0	4.3	2.7	3.7	4.6
MINI-VERDE	3.0	6.0	7.7	6.0	6.3	1.3	2.0	2.3	5.7	4.7	1.0	3.3	8.3	3.7	6.3	3.0	1.7	4.3
SWI-11	3.7	5.0	7.0	3.7	4.7	2.0	2.3	1.7	4.0	6.3	1.0	4.0	7.7	3.3	3.3	2.3	2.7	3.8
LSD VALUE	2.0	0.9	0.4	1.2	1.2	1.8	2.3	1.8	1.0	1.0	1.3	1.3	1.5	0.9	1.2	1.6	1.6	0.4
C.V. (%)	30.0	11.3	3.1	17.3	12.7	22.6	31.4	21.3	9.4	9.3	22.4	15.7	13.6	11.6	13.0	24.6	22.1	16.9

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

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

TABLE 8B.

 SPRING GREENUP RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
 1999 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	MD1	MO1	MO2	MS1	NM1	OK1	SC2	VA1	VA4	MEAN
OKS 95-1	5.0	5.0	7.0	4.7	5.7	9.0	6.7	8.0	8.0	7.0	7.7	5.3	6.7	5.7	6.7	6.0	6.0	6.5
SAVANNAH	4.0	4.7	7.0	4.3	6.7	6.7	6.0	5.3	7.7	7.0	3.7	5.3	6.3	4.7	7.0	3.3	5.7	5.6
PST-R69C	5.7	5.0	7.0	4.7	6.7	5.0	4.3	5.0	8.0	7.3	3.3	5.0	7.0	5.0	7.0	3.7	4.7	5.5
BLACKJACK	3.3	4.7	7.0	3.7	6.3	8.0	4.3	6.0	7.0	6.7	4.7	5.3	6.3	5.0	5.7	4.7	5.0	5.5
BLUE-MUDA	3.3	4.3	7.0	4.3	5.3	4.3	4.3	5.7	7.0	7.0	4.0	5.3	7.7	5.0	7.0	5.3	6.0	5.5
MIRAGE	2.7	4.7	7.0	3.7	6.3	5.3	6.0	4.7	7.0	6.0	4.0	4.7	7.0	5.0	7.0	4.3	5.0	5.3
JACKPOT	2.7	4.3	6.7	4.0	6.7	7.3	5.7	3.3	7.3	6.0	4.0	4.3	6.7	5.0	6.7	4.3	4.7	5.3
PYRAMID	3.0	4.3	7.0	4.0	6.3	4.7	4.7	5.7	7.0	6.3	3.3	5.3	7.3	4.7	7.0	4.0	4.7	5.3
SHANGRI LA	3.0	4.0	7.0	4.7	6.0	5.7	3.7	5.0	6.7	6.0	4.0	4.7	8.0	4.3	6.3	4.0	4.7	5.2
SYDNEY (SWI-7)	4.0	4.3	7.0	4.3	5.0	5.7	4.7	4.7	6.7	6.0	3.7	4.3	8.0	5.0	6.3	3.7	4.0	5.1
NUMEX-SAHARA	2.7	4.3	7.0	4.0	6.3	4.7	4.0	4.0	7.0	6.0	2.3	4.3	8.0	4.7	6.7	4.7	5.7	5.1
SOUTHERN STAR (J-1224)	4.0	4.0	7.0	4.3	6.3	5.7	2.7	5.3	6.7	7.0	3.0	4.3	8.0	5.0	5.0	3.0	4.7	5.1
SUNDEVIL II	2.7	4.3	7.0	4.0	6.3	5.7	5.0	4.3	6.3	6.3	3.3	5.0	5.7	4.7	6.3	3.3	4.7	5.0
J-540	4.0	4.0	7.0	4.0	6.3	5.7	3.7	6.7	7.3	6.7	2.7	3.7	4.3	5.0	6.0	4.0	3.7	5.0
MAJESTIC	2.7	4.7	7.0	3.7	5.3	4.7	4.0	4.3	6.3	6.7	2.3	4.3	5.0	4.7	7.0	3.0	4.3	4.7
ARIZONA COMMON	2.3	4.3	6.3	3.3	6.3	4.3	4.3	2.0	6.3	5.0	3.3	4.7	6.3	4.7	6.7	4.7	4.0	4.6
PRINCESS	6.0	5.3	7.0	5.0	5.3	3.0	3.3	3.3	5.7	6.3	1.3	4.7	7.3	4.0	4.3	2.7	3.7	4.6
SWI-11	3.7	5.0	7.0	3.7	4.7	2.0	2.3	1.7	4.0	6.3	1.0	4.0	7.7	3.3	3.3	2.3	2.7	3.8
LSD VALUE	1.9	0.9	0.3	0.9	1.2	2.0	2.6	2.0	1.0	0.8	1.3	1.3	1.8	0.9	1.0	1.5	1.9	0.4
C.V. (%)	33.7	12.8	2.8	14.0	12.0	22.8	37.0	26.9	8.8	7.9	23.8	17.4	16.4	12.2	10.3	23.1	25.4	18.0

TABLE 8C.

 SPRING GREENUP RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
 1999 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 2/

NAME	AR1	AZ1	CA3	FL1	GA1	IL2	IN2	KS2	MD1	MO1	MO2	MS1	NM1	OK1	SC2	VA1	VA4	MEAN
MIDLAWN	6.3	4.7	7.0	4.0	5.7	8.3	7.3	8.0	6.0	6.7	7.7	4.7	8.0	6.3	6.0	6.0	5.0	6.3
CARDINAL	5.0	4.0	7.0	5.3	7.0	7.0	7.3	8.0	8.0	6.7	7.7	7.0	6.0	7.7	5.0	3.7	5.0	6.3
OKC 19-9	2.7	4.7	7.7	5.3	7.7	6.7	6.7	7.3	7.7	7.0	5.7	6.3	7.0	6.3	7.0	5.3	6.0	6.3
TIFGREEN	5.3	5.0	7.0	4.3	7.0	5.7	3.0	5.3	7.7	6.7	4.7	5.0	6.0	5.7	5.7	5.0	4.7	5.5
SHANGHAI	5.3	4.7	7.0	4.0	5.7	3.3	4.3	7.0	7.0	7.0	4.3	5.7	8.3	4.0	3.0	5.3	4.3	5.3
TIFSPORT (TIFT 94)	5.0	5.7	7.0	5.7	6.3	2.7	3.3	4.3	6.3	6.7	3.0	6.7	8.0	5.0	4.0	3.7	4.7	5.2
TIFWAY	5.7	6.0	7.0	5.3	6.3	2.7	3.0	4.7	6.3	6.3	1.7	5.3	8.3	6.0	4.3	4.0	4.7	5.2
CN 2-9	5.3	5.7	7.0	4.3	6.0	5.7	4.3	5.0	6.0	5.7	2.3	5.0	7.0	4.7	5.7	3.3	4.3	5.1
OKC 18-4	5.7	4.7	7.0	4.7	6.3	2.0	4.7	7.0	6.7	7.0	4.0	5.0	7.3	4.3	3.3	3.7	3.7	5.1
MINI-VERDE	3.0	6.0	7.7	6.0	6.3	1.3	2.0	2.3	5.7	4.7	1.0	3.3	8.3	3.7	6.3	3.0	1.7	4.3
LSD VALUE	2.0	0.7	0.4	1.6	1.4	1.6	1.4	1.1	1.1	1.2	1.4	1.1	0.9	0.9	1.5	1.8	0.9	0.3
C.V. (%)	25.1	8.8	3.6	20.7	13.3	21.7	18.6	11.6	10.5	11.4	20.4	13.1	7.8	10.8	18.5	26.5	13.1	14.8

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

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

TABLE 9A.

LEAF TEXTURE RATINGS OF BERMU DAGRASS CULTIVARS 1/  
1999 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	AR1	AZ1	CA3	FL1	IL2	IN2	KS2	KY1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	MEAN
CARDINAL	8.3	9.0	8.3	7.3	9.0	7.7	9.0	9.0	7.0	8.0	8.3	9.0	8.3	9.0	9.0	8.0	8.4
MINI-VERDE	8.7	8.0	9.0	9.0	9.0	8.7	7.0	9.0	5.3	8.0	9.0	8.0	9.0	8.0	8.0	7.0	8.2
TIFGREEN	8.0	8.3	8.0	5.3	7.3	6.7	7.7	8.3	6.7	7.0	7.7	8.3	8.0	8.0	8.0	7.3	7.5
TIFWAY	7.7	8.0	8.0	6.0	7.7	7.0	8.0	8.0	7.0	6.7	7.3	7.3	8.0	7.0	8.0	7.0	7.4
TIFSPORT (TIFT 94)	8.0	8.0	8.0	6.0	6.7	6.3	7.0	8.0	7.0	6.3	7.0	7.3	8.0	7.0	7.7	6.0	7.1
OKC 19-9	7.0	7.0	8.0	6.3	7.3	6.3	6.0	8.0	7.3	6.7	6.0	7.3	8.0	7.0	7.3	7.0	7.0
CN 2-9	7.3	7.7	8.0	6.0	6.3	6.0	7.0	6.7	6.3	6.3	6.7	8.0	8.0	7.3	7.3	7.0	7.0
MIDLAWN	6.7	7.7	7.3	3.7	7.0	6.3	8.0	8.0	7.3	6.3	6.0	7.3	7.7	7.0	8.0	7.0	7.0
OKC 18-4	6.7	7.3	7.7	4.3	7.3	6.7	6.7	7.3	7.0	6.0	6.0	8.0	7.0	6.7	7.3	6.3	6.8
OKS 95-1	7.3	6.7	6.7	3.3	6.0	6.0	6.7	8.0	7.7	6.0	5.7	7.0	7.0	6.7	6.0	6.3	6.4
PRINCESS	7.0	7.0	7.0	2.3	5.3	5.7	6.0	7.0	7.3	5.3	6.7	6.0	7.0	6.7	6.7	5.0	6.1
SWI-11	6.0	7.0	6.7	3.7	4.3	4.7	6.0	6.7	7.0	5.0	6.3	6.7	5.7	6.7	5.7	5.3	5.8
PST-R69C	5.3	6.0	6.0	1.7	4.7	4.7	6.0	5.7	7.0	5.0	6.0	6.7	6.0	6.3	6.3	6.0	5.6
SAVANNAH	5.3	5.3	6.0	1.3	4.0	4.7	6.0	6.0	7.0	5.0	5.3	5.7	5.7	6.3	5.7	5.3	5.3
J-540	5.0	5.7	6.0	1.3	4.0	4.0	6.0	7.0	6.3	5.0	5.0	6.0	5.7	5.7	6.0	5.0	5.2
SUNDEVIL II	6.0	5.0	6.0	2.0	4.3	4.7	5.3	5.0	7.0	5.0	4.7	6.3	5.7	6.0	5.0	5.0	5.2
SOUTHERN STAR (J-1224)	5.7	5.0	6.0	1.7	3.3	3.7	6.0	5.0	6.3	4.7	4.7	5.3	5.7	6.0	6.0	6.0	5.1
MAJESTIC	6.3	5.3	6.0	1.7	4.3	4.0	5.7	5.7	6.7	4.7	4.7	5.0	5.7	5.3	5.3	4.7	5.1
SHANGHAI	5.0	6.0	7.0	2.3	3.7	4.7	5.0	6.0	6.3	5.3	4.0	4.0	5.3	5.0	5.3	5.3	5.0
BLUE-MUDA	6.0	5.0	6.0	1.7	2.3	5.0	5.7	5.0	6.3	5.0	5.0	5.3	5.0	5.7	5.7	5.0	5.0
SYDNEY (SWI-7)	4.7	4.7	6.0	2.7	3.3	4.3	5.7	5.7	6.3	5.0	4.3	5.3	5.7	6.0	5.0	5.0	5.0
JACKPOT	5.3	4.7	6.0	2.0	3.7	3.7	5.7	5.7	6.3	4.7	4.7	5.3	5.7	5.7	5.3	5.3	5.0
PYRAMID	5.0	5.0	6.0	2.0	3.7	3.7	5.7	5.3	6.7	4.7	4.7	5.3	5.7	6.0	5.0	5.3	5.0
MIRAGE	6.0	5.0	6.0	2.0	2.7	3.3	5.7	6.0	6.0	4.7	4.3	5.0	5.3	5.7	5.7	5.7	4.9
BLACKJACK	5.7	5.0	6.0	1.7	4.0	3.7	5.3	5.0	6.7	4.3	4.7	5.0	5.3	5.3	5.3	6.0	4.9
NUMEX-SAHARA	5.7	4.7	6.0	2.7	3.7	3.0	5.3	6.0	6.0	5.0	5.0	4.7	5.0	5.3	5.0	5.7	4.9
SHANGRI LA	5.0	4.7	6.0	1.7	3.3	3.7	6.0	5.7	6.0	5.0	4.7	4.7	5.3	6.0	5.7	5.0	4.9
ARIZONA COMMON	5.0	5.0	6.0	2.3	2.7	3.0	5.3	6.0	5.3	5.0	4.3	5.0	5.0	5.0	5.0	5.7	4.7
LSD VALUE	1.3	0.7	0.7	1.5	1.3	1.3	0.7	0.6	0.9	0.6	0.7	1.3	0.7	0.8	0.8	0.6	0.2
C.V. (%)	12.4	7.5	6.0	28.5	16.4	16.1	7.0	6.0	8.9	7.1	8.2	12.6	6.6	7.7	7.9	6.4	10.1

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

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

TABLE 9B.

LEAF TEXTURE RATINGS OF BERMUDAGRASS (SEEDING) CULTIVARS 1/  
1999 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/																
	AR1	AZ1	CA3	FL1	IL2	IN2	KS2	KY1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	MEAN
OKS 95-1	7.3	6.7	6.7	3.3	6.0	6.0	6.7	8.0	7.7	6.0	5.7	7.0	7.0	6.7	6.0	6.3	6.4
PRINCESS	7.0	7.0	7.0	2.3	5.3	5.7	6.0	7.0	7.3	5.3	6.7	6.0	7.0	6.7	6.7	5.0	6.1
SWI-11	6.0	7.0	6.7	3.7	4.3	4.7	6.0	6.7	7.0	5.0	6.3	6.7	5.7	6.7	5.7	5.3	5.8
PST-R69C	5.3	6.0	6.0	1.7	4.7	4.7	6.0	5.7	7.0	5.0	6.0	6.7	6.0	6.3	6.3	6.0	5.6
SAVANNAH	5.3	5.3	6.0	1.3	4.0	4.7	6.0	6.0	7.0	5.0	5.3	5.7	5.7	6.3	5.7	5.3	5.3
J-540	5.0	5.7	6.0	1.3	4.0	4.0	6.0	7.0	6.3	5.0	5.0	6.0	5.7	5.7	6.0	5.0	5.2
SUNDEVIL II	6.0	5.0	6.0	2.0	4.3	4.7	5.3	5.0	7.0	5.0	4.7	6.3	5.7	6.0	5.0	5.0	5.2
SOUTHERN STAR (J-1224)	5.7	5.0	6.0	1.7	3.3	3.7	6.0	5.0	6.3	4.7	4.7	5.3	5.7	6.0	6.0	6.0	5.1
MAJESTIC	6.3	5.3	6.0	1.7	4.3	4.0	5.7	5.7	6.7	4.7	4.7	5.0	5.7	5.3	5.3	4.7	5.1
BLUE-MUDA	6.0	5.0	6.0	1.7	2.3	5.0	5.7	5.0	6.3	5.0	5.0	5.3	5.0	5.7	5.7	5.0	5.0
SYDNEY (SWI-7)	4.7	4.7	6.0	2.7	3.3	4.3	5.7	5.7	6.3	5.0	4.3	5.3	5.7	6.0	5.0	5.0	5.0
JACKPOT	5.3	4.7	6.0	2.0	3.7	3.7	5.7	5.7	6.3	4.7	4.7	5.3	5.7	5.7	5.3	5.3	5.0
PYRAMID	5.0	5.0	6.0	2.0	3.7	3.7	5.7	5.3	6.7	4.7	4.7	5.3	5.7	6.0	5.0	5.3	5.0
MIRAGE	6.0	5.0	6.0	2.0	2.7	3.3	5.7	6.0	6.0	4.7	4.3	5.0	5.3	5.7	5.7	5.7	4.9
BLACKJACK	5.7	5.0	6.0	1.7	4.0	3.7	5.3	5.0	6.7	4.3	4.7	5.0	5.3	5.3	5.3	6.0	4.9
NUMEX-SAHARA	5.7	4.7	6.0	2.7	3.7	3.0	5.3	6.0	6.0	5.0	5.0	4.7	5.0	5.3	5.0	5.7	4.9
SHANGRI LA	5.0	4.7	6.0	1.7	3.3	3.7	6.0	5.7	6.0	5.0	4.7	4.7	5.3	6.0	5.7	5.0	4.9
ARIZONA COMMON	5.0	5.0	6.0	2.3	2.7	3.0	5.3	6.0	5.3	5.0	4.3	5.0	5.0	5.0	5.0	5.7	4.7
LSD VALUE	1.1	0.8	0.3	1.5	1.5	1.5	0.7	0.7	0.7	0.6	0.8	1.4	0.8	0.9	0.9	0.7	0.3
C.V. (%)	11.7	9.5	3.1	46.0	24.9	21.8	7.8	7.3	6.9	7.3	10.1	15.6	8.3	9.8	9.8	7.5	11.9

TABLE 9C.

LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

NAME	LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/																
	AR1	AZ1	CA3	FL1	IL2	IN2	KS2	KY1	MO1	MO2	MS1	NM1	OK1	SC2	TX2	VA1	MEAN
CARDINAL	8.3	9.0	8.3	7.3	9.0	7.7	9.0	9.0	7.0	8.0	8.3	9.0	8.3	9.0	9.0	8.0	8.4
MINI-VERDE	8.7	8.0	9.0	9.0	9.0	8.7	7.0	9.0	5.3	8.0	9.0	8.0	9.0	8.0	8.0	7.0	8.2
TIFGREEN	8.0	8.3	8.0	5.3	7.3	6.7	7.7	8.3	6.7	7.0	7.7	8.3	8.0	8.0	8.0	7.3	7.5
TIFWAY	7.7	8.0	8.0	6.0	7.7	7.0	8.0	8.0	7.0	6.7	7.3	7.3	8.0	7.0	8.0	7.0	7.4
TIFSPORT (TIPT 94)	8.0	8.0	8.0	6.0	6.7	6.3	7.0	8.0	7.0	6.3	7.0	7.3	8.0	7.0	7.7	6.0	7.1
OKC 19-9	7.0	7.0	8.0	6.3	7.3	6.3	6.0	8.0	7.3	6.7	6.0	7.3	8.0	7.0	7.3	7.0	7.0
CN 2-9	7.3	7.7	8.0	6.0	6.3	6.0	7.0	6.7	6.3	6.3	6.7	8.0	8.0	7.3	7.3	7.0	7.0
MIDLAWN	6.7	7.7	7.3	3.7	7.0	6.3	8.0	8.0	7.3	6.3	6.0	7.3	7.7	7.0	8.0	7.0	7.0
OKC 18-4	6.7	7.3	7.7	4.3	7.3	6.7	6.7	7.3	7.0	6.0	6.0	8.0	7.0	6.7	7.3	6.3	6.8
SHANGHAI	5.0	6.0	7.0	2.3	3.7	4.7	5.0	6.0	6.3	5.3	4.0	4.0	5.3	5.0	5.3	5.3	5.0
LSD VALUE	1.5	0.6	1.0	1.5	0.8	1.0	0.7	0.5	1.2	0.7	0.6	1.0	0.5	0.4	0.7	0.5	0.2
C.V. (%)	12.9	4.7	8.0	16.8	6.8	9.1	5.7	4.0	11.5	6.7	5.4	8.1	4.1	3.6	5.4	4.7	7.8

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

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

TABLE 10A. SPRING DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	AZ1	FL1	MO1	NM1	OK1	TX2	MEAN
MINI-VERDE	7.0	7.0	7.0	8.3	9.0	8.0	7.7
TIFGREEN	6.7	6.7	7.7	7.0	8.0	6.3	7.1
MIDLAWN	6.7	5.7	7.0	8.7	7.7	5.3	6.8
CARDINAL	6.7	6.3	6.3	7.0	8.0	6.7	6.8
CKC 18-4	6.3	7.0	6.7	7.7	8.0	5.0	6.8
TIFSPORT (TIFT 94)	6.7	6.3	7.7	6.0	8.0	5.3	6.7
PRINCESS	6.3	6.7	7.3	6.7	7.0	6.0	6.7
TIFWAY	6.7	6.3	6.7	6.3	8.0	6.0	6.7
CN 2-9	5.7	5.7	6.7	7.3	8.0	5.7	6.5
KKS 95-1	5.3	6.3	7.0	7.3	7.3	5.7	6.5
CKC 19-9	5.7	7.0	6.3	6.7	8.0	5.0	6.4
SWI-11	7.0	5.7	6.7	6.3	6.7	6.0	6.4
EST-R69C	5.7	5.3	7.3	7.0	6.7	5.3	6.2
SHANGHAI	5.3	5.3	6.7	6.3	7.0	4.3	5.8
SAVANNAH	4.7	5.3	6.7	6.0	6.3	4.7	5.6
J-540	5.0	5.0	6.7	5.3	6.0	5.3	5.6
SUNDEVIL II	4.3	5.3	6.7	6.0	6.3	4.7	5.6
SOUTHERN STAR (J-1224)	5.0	5.3	6.0	4.3	6.0	5.7	5.4
BLUE-MUDA	4.7	5.3	7.3	4.0	6.3	4.3	5.3
SYDNEY (SWI-7)	3.7	5.3	6.7	5.0	6.3	5.0	5.3
MAJESTIC	4.3	5.0	6.7	4.3	6.7	4.3	5.2
PYRAMID	4.7	5.0	6.7	4.7	6.0	4.3	5.2
SHANGRI LA	4.7	5.0	7.0	4.0	6.0	4.7	5.2
NUMEX-SAHARA	4.7	4.7	6.7	4.7	6.0	4.3	5.2
BLACKJACK	4.3	4.7	7.0	4.3	6.0	4.0	5.1
JACKPOT	4.7	4.3	6.0	4.3	6.0	4.3	4.9
MIRAGE	4.3	4.3	6.7	4.0	6.0	4.3	4.9
ARIZONA COMMON	4.3	4.7	5.7	4.3	6.0	3.7	4.8
LSD VALUE	1.0	0.9	1.2	1.9	0.6	0.8	0.5
C.V. (%)	11.1	10.1	10.8	20.1	5.5	10.2	11.9

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

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



TABLE 10B. SPRING DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
NAME	AZ1	FL1	MO1	NM1	OK1	TX2	MEAN
PRINCESS	6.3	6.7	7.3	6.7	7.0	6.0	6.7
CKS 95-1	5.3	6.3	7.0	7.3	7.3	5.7	6.5
SWI-11	7.0	5.7	6.7	6.3	6.7	6.0	6.4
PST-R69C	5.7	5.3	7.3	7.0	6.7	5.3	6.2
SAVANNAH	4.7	5.3	6.7	6.0	6.3	4.7	5.6
J-540	5.0	5.0	6.7	5.3	6.0	5.3	5.6
SUNDEVIL II	4.3	5.3	6.7	6.0	6.3	4.7	5.6
SOUTHERN STAR (J-1224)	5.0	5.3	6.0	4.3	6.0	5.7	5.4
BLUE-MUDA	4.7	5.3	7.3	4.0	6.3	4.3	5.3
SYDNEY (SWI-7)	3.7	5.3	6.7	5.0	6.3	5.0	5.3
MAJESTIC	4.3	5.0	6.7	4.3	6.7	4.3	5.2
PYRAMID	4.7	5.0	6.7	4.7	6.0	4.3	5.2
SHANGRI LA	4.7	5.0	7.0	4.0	6.0	4.7	5.2
NUMEX-SAHARA	4.7	4.7	6.7	4.7	6.0	4.3	5.2
BLACKJACK	4.3	4.7	7.0	4.3	6.0	4.0	5.1
JACKPOT	4.7	4.3	6.0	4.3	6.0	4.3	4.9
MIRAGE	4.3	4.3	6.7	4.0	6.0	4.3	4.9
ARIZONA COMMON	4.3	4.7	5.7	4.3	6.0	3.7	4.8
LSD VALUE	1.0	0.9	1.2	1.7	0.7	0.8	0.4
C.V. (%)	12.8	10.8	10.7	20.3	7.1	10.6	12.4

TABLE 10C. SPRING DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/							
NAME	AZ1	FL1	MO1	NM1	OK1	TX2	MEAN
MINI-VERDE	7.0	7.0	7.0	8.3	9.0	8.0	7.7
TIFGREEN	6.7	6.7	7.7	7.0	8.0	6.3	7.1
MIDLAWN	6.7	5.7	7.0	8.7	7.7	5.3	6.8
CARDINAL	6.7	6.3	6.3	7.0	8.0	6.7	6.8
OKC 18-4	6.3	7.0	6.7	7.7	8.0	5.0	6.8
TIFSPORT (TIFT 94)	6.7	6.3	7.7	6.0	8.0	5.3	6.7
TIFWAY	6.7	6.3	6.7	6.3	8.0	6.0	6.7
CN 2-9	5.7	5.7	6.7	7.3	8.0	5.7	6.5
OKC 19-9	5.7	7.0	6.3	6.7	8.0	5.0	6.4
SHANGHAI	5.3	5.3	6.7	6.3	7.0	4.3	5.8
LSD VALUE	0.9	0.9	1.2	2.2	0.3	0.9	0.5
C.V. (%)	8.6	9.1	11.0	19.5	2.3	9.5	11.3

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

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

TABLE 11A. SUMMER DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								MEAN
	ARI	AZ1	FL1	KY1	MO1	NM1	OK1	TX2	
MINI-VERDE	8.3	9.0	7.3	9.0	7.7	9.0	9.0	9.0	8.5
TIFGREEN	8.7	8.0	5.3	9.0	8.3	7.0	8.0	7.3	7.7
TIFSPORT (TIFT 94)	8.3	7.7	6.3	9.0	7.7	6.7	8.0	7.0	7.6
TIFWAY	8.3	8.0	6.0	9.0	7.7	6.7	8.0	7.0	7.6
OKC 18-4	8.3	7.3	5.0	8.3	8.0	8.0	7.7	6.7	7.4
PRINCESS	7.7	7.3	6.0	8.7	8.3	7.3	7.3	6.3	7.4
OKS 95-1	6.7	7.0	6.0	9.0	7.7	7.7	7.3	6.3	7.2
SWI-11	7.3	8.0	5.7	8.7	8.3	7.0	6.0	6.3	7.2
MIDLAWN	7.3	8.0	4.0	8.7	7.0	7.7	7.0	7.0	7.1
CN 2-9	8.0	7.0	5.7	5.7	7.0	8.0	8.0	7.0	7.0
OKC 19-9	7.3	7.0	5.3	8.3	6.7	7.3	7.0	6.3	6.9
CARDINAL	8.7	7.7	4.0	9.0	7.0	6.3	7.0	5.0	6.8
SHANGHAI	7.7	7.0	3.7	7.7	7.0	7.7	7.3	5.7	6.7
PST-R69C	7.0	7.0	5.7	5.3	8.0	6.7	6.7	6.7	6.6
SOUTHERN STAR (J-1224)	6.3	6.7	5.7	5.0	7.0	5.3	6.0	6.0	6.0
MAJESTIC	5.7	5.7	5.0	7.0	7.7	5.0	6.0	5.0	5.9
BLACKJACK	6.3	5.0	5.0	6.3	7.7	4.7	6.0	4.7	5.7
J-540	4.7	6.0	5.0	6.0	7.0	5.3	6.0	5.7	5.7
SAVANNAH	6.3	5.3	4.3	6.0	8.0	5.0	6.0	4.7	5.7
SUNDEVIL II	5.3	5.3	5.0	5.0	7.3	6.7	6.0	5.0	5.7
BLUE-MUDA	4.7	5.7	5.0	7.0	7.3	4.3	6.0	5.0	5.6
SYDNEY (SWI-7)	5.7	4.7	5.0	6.0	7.7	5.0	6.0	5.0	5.6
SHANGRI LA	5.7	5.7	4.7	6.3	7.3	3.3	6.0	5.3	5.5
JACKPOT	5.7	5.7	4.0	6.3	6.3	4.7	6.0	4.3	5.4
NUMEX-SAHARA	5.0	5.7	4.0	6.3	7.0	4.3	5.7	4.7	5.3
PYRAMID	4.7	5.7	4.0	6.3	7.3	4.7	6.0	4.0	5.3
MIRAGE	5.0	5.3	3.7	5.3	7.7	4.0	6.0	4.3	5.2
ARIZONA COMMON	4.7	5.3	3.7	5.3	6.7	4.3	5.3	4.0	4.9
LSD VALUE	1.2	1.4	0.9	1.2	1.1	1.8	0.5	0.9	0.4
C.V. (%)	11.1	13.6	11.5	10.6	9.5	18.3	4.3	9.3	11.5

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

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

TABLE 11B. SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								MEAN
	AR1	AZ1	FL1	KY1	MO1	NM1	OK1	TX2	
PRINCESS	7.7	7.3	6.0	8.7	8.3	7.3	7.3	6.3	7.4
OKS 95-1	6.7	7.0	6.0	9.0	7.7	7.7	7.3	6.3	7.2
SWI-11	7.3	8.0	5.7	8.7	8.3	7.0	6.0	6.3	7.2
PST-R69C	7.0	7.0	5.7	5.3	8.0	6.7	6.7	6.7	6.6
SOUTHERN STAR (J-1224)	6.3	6.7	5.7	5.0	7.0	5.3	6.0	6.0	6.0
MAJESTIC	5.7	5.7	5.0	7.0	7.7	5.0	6.0	5.0	5.9
BLACKJACK	6.3	5.0	5.0	6.3	7.7	4.7	6.0	4.7	5.7
J-540	4.7	6.0	5.0	6.0	7.0	5.3	6.0	5.7	5.7
SAVANNAH	6.3	5.3	4.3	6.0	8.0	5.0	6.0	4.7	5.7
SUNDEVIL II	5.3	5.3	5.0	5.0	7.3	6.7	6.0	5.0	5.7
BLUE-MUDA	4.7	5.7	5.0	7.0	7.3	4.3	6.0	5.0	5.6
SYDNEY (SWI-7)	5.7	4.7	5.0	6.0	7.7	5.0	6.0	5.0	5.6
SHANGRI LA	5.7	5.7	4.7	6.3	7.3	3.3	6.0	5.3	5.5
JACKPOT	5.7	5.7	4.0	6.3	6.3	4.7	6.0	4.3	5.4
NUMEX-SAHARA	5.0	5.7	4.0	6.3	7.0	4.3	5.7	4.7	5.3
PYRAMID	4.7	5.7	4.0	6.3	7.3	4.7	6.0	4.0	5.3
MIRAGE	5.0	5.3	3.7	5.3	7.7	4.0	6.0	4.3	5.2
ARIZONA COMMON	4.7	5.3	3.7	5.3	6.7	4.3	5.3	4.0	4.9
LSD VALUE	1.1	1.4	0.9	1.4	1.2	1.5	0.5	1.0	0.4
C.V. (%)	12.2	15.0	11.2	13.8	9.6	18.0	5.0	11.7	12.4

TABLE 11C. SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

NAME	DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/								MEAN
	AR1	AZ1	FL1	KY1	MO1	NM1	OK1	TX2	
MINI-VERDE	8.3	9.0	7.3	9.0	7.7	9.0	9.0	9.0	8.5
TIFGREEN	8.7	8.0	5.3	9.0	8.3	7.0	8.0	7.3	7.7
TIFSPORT (TIFT 94)	8.3	7.7	6.3	9.0	7.7	6.7	8.0	7.0	7.6
TIFWAY	8.3	8.0	6.0	9.0	7.7	6.7	8.0	7.0	7.6
OKC 18-4	8.3	7.3	5.0	8.3	8.0	8.0	7.7	6.7	7.4
MIDLAWN	7.3	8.0	4.0	8.7	7.0	7.7	7.0	7.0	7.1
CN 2-9	8.0	7.0	5.7	5.7	7.0	8.0	8.0	7.0	7.0
OKC 19-9	7.3	7.0	5.3	8.3	6.7	7.3	7.0	6.3	6.9
CARDINAL	8.7	7.7	4.0	9.0	7.0	6.3	7.0	5.0	6.8
SHANGHAI	7.7	7.0	3.7	7.7	7.0	7.7	7.3	5.7	6.7
LSD VALUE	1.2	1.4	1.0	0.7	1.1	2.2	0.4	0.6	0.4
C.V. (%)	9.6	11.7	12.0	4.9	9.2	18.0	3.4	5.4	10.1

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

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

TABLE 12A. FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	ARL	AZ1	FL1	KY1	MO1	NM1	OK1	TX2	MEAN
MINI-VERDE	8.7	9.0	6.7	9.0	7.3	8.7	9.0	9.0	8.4
TIFGREEN	9.0	8.7	2.7	9.0	9.0	7.7	8.0	8.0	7.8
TIFWAY	8.7	7.7	5.7	8.3	8.0	7.3	8.0	7.0	7.6
TIFSPORT (TIFT 94)	8.7	7.7	5.7	8.7	8.3	7.7	8.0	6.0	7.6
SWI-11	9.0	8.0	5.7	9.0	8.7	7.0	6.3	6.0	7.5
PRINCESS	8.0	7.7	6.0	8.3	9.0	7.0	7.0	6.0	7.4
CARDINAL	8.7	9.0	3.0	9.0	8.0	8.3	7.7	4.7	7.3
CN 2-9	8.7	7.0	5.3	5.7	7.3	8.0	8.0	7.3	7.2
OKS 95-1	7.7	6.7	6.0	8.7	8.0	7.0	7.0	6.0	7.1
MIDLAWN	8.7	7.7	3.0	8.0	8.0	7.3	7.3	6.7	7.1
OKC 18-4	8.0	7.3	3.7	8.0	7.3	8.0	7.7	6.0	7.0
PST-R69C	7.7	6.7	5.3	7.0	8.7	7.0	7.0	6.0	6.9
OKC 19-9	8.3	6.7	2.7	8.7	7.0	7.0	8.0	6.3	6.8
SOUTHERN STAR (J-1224)	7.3	5.7	5.3	7.0	8.3	6.3	6.0	6.0	6.5
MAJESTIC	5.7	5.0	5.3	9.0	8.7	5.7	6.3	5.0	6.3
SHANGHAI	8.0	5.7	3.7	6.0	7.3	7.3	7.3	5.0	6.3
BLACKJACK	7.0	5.0	5.0	8.0	8.3	5.7	5.7	4.7	6.2
J-540	5.7	5.7	5.3	8.0	7.7	5.7	5.7	5.3	6.1
PYRAMID	5.7	5.3	5.0	8.0	8.7	5.7	5.3	5.0	6.1
SUNDEVIL II	6.0	5.0	4.7	7.7	7.7	6.3	5.7	5.0	6.0
SAVANNAH	6.3	5.3	5.0	6.7	8.0	6.0	6.0	4.7	6.0
BLUE-MUDA	6.0	5.3	4.7	8.3	8.3	5.0	5.0	5.0	6.0
SHANGRI LA	6.0	4.7	4.7	8.0	8.3	5.0	5.3	5.0	5.9
SYDNEY (SWI-7)	6.7	4.3	4.7	6.7	8.7	5.0	5.7	5.0	5.8
MIRAGE	5.3	5.0	5.0	8.0	8.0	5.3	5.3	4.3	5.8
JACKPOT	5.7	5.0	4.0	8.3	7.7	4.7	5.0	4.7	5.6
NUMEX-SAHARA	6.0	4.7	3.7	8.3	8.0	4.3	5.3	4.7	5.6
ARIZONA COMMON	5.3	4.7	3.3	8.7	7.3	5.0	5.0	4.7	5.5
LSD VALUE	1.1	1.4	1.2	1.2	1.0	1.1	0.8	0.7	0.4
C.V. (%)	9.4	13.9	16.4	9.5	7.4	10.7	7.4	7.9	10.2

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

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

TABLE 12B. FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/									
NAME	AR1	AZ1	FL1	KY1	MO1	NM1	OK1	TX2	MEAN
SWI-11	9.0	8.0	5.7	9.0	8.7	7.0	6.3	6.0	7.5
PRINCESS	8.0	7.7	6.0	8.3	9.0	7.0	7.0	6.0	7.4
OKS 95-1	7.7	6.7	6.0	8.7	8.0	7.0	7.0	6.0	7.1
PST-R69C	7.7	6.7	5.3	7.0	8.7	7.0	7.0	6.0	6.9
SOUTHERN STAR (J-1224)	7.3	5.7	5.3	7.0	8.3	6.3	6.0	6.0	6.5
MAJESTIC	5.7	5.0	5.3	9.0	8.7	5.7	6.3	5.0	6.3
BLACKJACK	7.0	5.0	5.0	8.0	8.3	5.7	5.7	4.7	6.2
J-540	5.7	5.7	5.3	8.0	7.7	5.7	5.7	5.3	6.1
PYRAMID	5.7	5.3	5.0	8.0	8.7	5.7	5.3	5.0	6.1
SUNDEVIL II	6.0	5.0	4.7	7.7	7.7	6.3	5.7	5.0	6.0
SAVANNAH	6.3	5.3	5.0	6.7	8.0	6.0	6.0	4.7	6.0
BLUE-MUDA	6.0	5.3	4.7	8.3	8.3	5.0	5.0	5.0	6.0
SHANGRI LA	6.0	4.7	4.7	8.0	8.3	5.0	5.3	5.0	5.9
SYDNEY (SWI-7)	6.7	4.3	4.7	6.7	8.7	5.0	5.7	5.0	5.8
MIRAGE	5.3	5.0	5.0	8.0	8.0	5.3	5.3	4.3	5.8
JACKPOT	5.7	5.0	4.0	8.3	7.7	4.7	5.0	4.7	5.6
NUMEX-SAHARA	6.0	4.7	3.7	8.3	8.0	4.3	5.3	4.7	5.6
ARIZONA COMMON	5.3	4.7	3.3	8.7	7.3	5.0	5.0	4.7	5.5
LSD VALUE	1.0	1.4	1.0	1.4	0.9	1.1	0.9	0.6	0.4
C.V. (%)	10.0	15.9	13.2	11.0	6.6	11.6	9.4	7.0	10.7

TABLE 12C. FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/									
NAME	AR1	AZ1	FL1	KY1	MO1	NM1	OK1	TX2	MEAN
MINI-VERDE	8.7	9.0	6.7	9.0	7.3	8.7	9.0	9.0	8.4
TIFGREEN	9.0	8.7	2.7	9.0	9.0	7.7	8.0	8.0	7.8
TIFWAY	8.7	7.7	5.7	8.3	8.0	7.3	8.0	7.0	7.6
TIFSPORT (TIFT 94)	8.7	7.7	5.7	8.7	8.3	7.7	8.0	6.0	7.6
CARDINAL	8.7	9.0	3.0	9.0	8.0	8.3	7.7	4.7	7.3
CN 2-9	8.7	7.0	5.3	5.7	7.3	8.0	8.0	7.3	7.2
MIDLAWN	8.7	7.7	3.0	8.0	8.0	7.3	7.3	6.7	7.1
OKC 18-4	8.0	7.3	3.7	8.0	7.3	8.0	7.7	6.0	7.0
OKC 19-9	8.3	6.7	2.7	8.7	7.0	7.0	8.0	6.3	6.8
SHANGHAI	8.0	5.7	3.7	6.0	7.3	7.3	7.3	5.0	6.3
LSD VALUE	1.2	1.4	1.5	0.8	1.1	1.2	0.6	0.9	0.4
C.V. (%)	8.6	11.2	22.2	6.0	8.8	9.4	4.6	8.7	9.5

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

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

TABLE 13A. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/							
NAME	AR1	AZ1	FL1	IL2	MO1	OK1	MEAN
TIFSPORT (TIFT 94)	99.0	99.0	88.3	85.0	86.7	95.3	92.2
CARDINAL	99.0	99.0	71.7	92.7	90.0	98.0	91.7
OKS 95-1	99.0	99.0	77.0	90.0	90.0	94.7	91.6
TIFWAY	99.0	99.0	80.7	83.0	90.0	97.3	91.5
OKC 19-9	99.0	97.7	80.0	78.7	88.3	95.7	89.9
TIFGREEN	99.0	92.7	73.0	80.3	91.7	97.3	89.0
MIDLAWN	99.0	99.0	66.3	88.0	84.0	97.0	88.9
OKC 18-4	99.0	93.3	81.0	70.7	90.0	97.0	88.5
CN 2-9	99.0	94.3	74.3	71.0	85.0	95.0	86.4
SHANGHAI	99.0	99.0	68.7	65.0	86.7	94.7	85.5
PRINCESS	99.0	98.7	85.0	40.0	90.7	91.3	84.1
PST-R69C	99.0	96.0	82.3	44.7	88.3	93.0	83.9
SOUTHERN STAR (J-1224)	99.0	95.7	77.0	41.3	93.3	86.0	82.1
BLACKJACK	99.0	81.7	66.0	47.0	91.7	91.3	79.4
SAVANNAH	99.0	90.0	74.3	35.7	88.3	89.0	79.4
PYRAMID	99.0	91.0	68.7	37.3	86.7	91.7	79.1
J-540	99.0	91.0	72.0	26.7	90.0	92.7	78.6
SYDNEY (SWI-7)	99.0	70.0	77.3	40.7	90.0	93.7	78.4
SHANGRI LA	99.0	83.3	71.0	35.3	90.0	89.0	77.9
MAJESTIC	99.0	66.7	70.7	44.0	90.7	92.3	77.2
NUMEX-SAHARA	99.0	87.7	67.0	27.7	91.7	90.3	77.2
SUNDEVIL II	99.0	80.3	73.0	33.7	91.7	85.0	77.1
SWI-11	97.7	99.0	81.7	18.0	90.0	75.3	76.9
JACKPOT	99.0	83.3	65.7	31.7	90.0	91.3	76.8
MIRAGE	99.0	80.0	74.0	30.7	86.7	90.0	76.7
BLUE-MUDA	99.0	81.7	68.7	22.3	90.0	92.0	75.6
ARIZONA COMMON	99.0	85.0	58.3	25.0	88.3	91.0	74.4
MINI-VERDE	99.0	94.7	69.3	12.7	78.3	91.3	74.2
LSD VALUE	0.7	17.4	9.6	24.0	6.8	9.1	5.5
C.V. (%)	0.4	12.0	8.1	29.9	4.8	6.1	10.2

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

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

TABLE 13B. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (SEEDING) CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	AZ1	FL1	IL2	MO1	OK1	MEAN
OKS 95-1	99.0	99.0	77.0	90.0	90.0	94.7	91.6
PRINCESS	99.0	98.7	85.0	40.0	90.7	91.3	84.1
PST-R69C	99.0	96.0	82.3	44.7	88.3	93.0	83.9
SOUTHERN STAR (J-1224)	99.0	95.7	77.0	41.3	93.3	86.0	82.1
BLACKJACK	99.0	81.7	66.0	47.0	91.7	91.3	79.4
SAVANNAH	99.0	90.0	74.3	35.7	88.3	89.0	79.4
PYRAMID	99.0	91.0	68.7	37.3	86.7	91.7	79.1
J-540	99.0	91.0	72.0	26.7	90.0	92.7	78.6
SYDNEY (SWI-7)	99.0	70.0	77.3	40.7	90.0	93.7	78.4
SHANGRI LA	99.0	83.3	71.0	35.3	90.0	89.0	77.9
MAJESTIC	99.0	66.7	70.7	44.0	90.7	92.3	77.2
NUMEX-SAHARA	99.0	87.7	67.0	27.7	91.7	90.3	77.2
SUNDEVIL II	99.0	80.3	73.0	33.7	91.7	85.0	77.1
SWI-11	97.7	99.0	81.7	18.0	90.0	75.3	76.9
JACKPOT	99.0	83.3	65.7	31.7	90.0	91.3	76.8
MIRAGE	99.0	80.0	74.0	30.7	86.7	90.0	76.7
BLUE-MUDA	99.0	81.7	68.7	22.3	90.0	92.0	75.6
ARIZONA COMMON	99.0	85.0	58.3	25.0	88.3	91.0	74.4
LSD VALUE	0.9	21.4	9.9	26.8	6.0	11.2	6.3
C.V. (%)	0.6	15.3	8.5	44.6	4.2	7.7	12.1

TABLE 13C. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AR1	AZ1	FL1	IL2	MO1	OK1	MEAN
TIFSPORT (TIFT 94)	99	99.0	88.3	85.0	86.7	95.3	92.2
CARDINAL	99	99.0	71.7	92.7	90.0	98.0	91.7
TIFWAY	99	99.0	80.7	83.0	90.0	97.3	91.5
OKC 19-9	99	97.7	80.0	78.7	88.3	95.7	89.9
TIFGREEN	99	92.7	73.0	80.3	91.7	97.3	89.0
MIDLAWN	99	99.0	66.3	88.0	84.0	97.0	88.9
OKC 18-4	99	93.3	81.0	70.7	90.0	97.0	88.5
CN 2-9	99	94.3	74.3	71.0	85.0	95.0	86.4
SHANGHAI	99	99.0	68.7	65.0	86.7	94.7	85.5
MINI-VERDE	99	94.7	69.3	12.7	78.3	91.3	74.2
LSD VALUE	0	5.0	8.9	18.0	8.1	2.2	3.7
C.V. (%)	0	3.2	7.4	15.4	5.8	1.4	6.5

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

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

TABLE 14A. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
NAME	AR1	AZ1	FL1	MO1	MO2	OK1	TX2	MEAN
TIFGREEN	99.0	94.3	90.0	95.0	99.0	99.0	99.0	96.5
TIFWAY	99.0	99.0	86.7	93.3	99.0	99.0	99.0	96.4
CN 2-9	99.0	94.3	93.3	87.3	99.0	99.0	97.7	95.7
PRINCESS	99.0	98.7	82.3	96.3	94.7	99.0	96.0	95.1
OKS 95-1	99.0	99.0	73.3	95.0	99.0	99.0	98.3	94.7
OKC 19-9	99.0	98.7	80.0	93.7	92.7	98.7	99.0	94.5
TIFSPORT (TIFT 94)	99.0	99.0	89.0	91.7	84.7	99.0	99.0	94.5
SWI-11	97.7	99.0	82.7	91.7	94.0	97.0	97.7	94.2
CARDINAL	99.0	99.0	70.3	93.3	99.0	97.7	99.0	93.9
PST-R69C	99.0	96.7	71.7	93.3	99.0	98.0	99.0	93.8
MIDLAWN	99.0	99.0	71.0	90.0	99.0	98.0	99.0	93.6
SHANGHAI	99.0	99.0	70.0	93.3	99.0	98.0	96.7	93.6
SHANGRI LA	99.0	93.3	66.0	95.0	99.0	97.0	97.7	92.4
SOUTHERN STAR (J-1224)	99.0	97.3	68.3	95.0	86.3	97.7	99.0	91.8
BLUE-MJDA	99.0	88.3	67.0	91.7	99.0	97.3	99.0	91.6
SAVANNAH	99.0	94.3	60.3	94.0	97.7	98.0	97.7	91.6
J-540	99.0	94.3	63.7	93.3	91.7	98.0	99.0	91.3
PYRAMID	99.0	94.3	64.3	90.0	94.7	97.7	97.0	91.0
BLACKJACK	99.0	89.3	60.0	93.3	99.0	97.3	98.3	90.9
MIRAGE	99.0	88.3	63.3	90.0	99.0	97.3	98.3	90.8
SUNDEVIL II	99.0	88.7	61.7	95.0	99.0	97.7	94.0	90.7
OKC 18-4	99.0	95.0	74.0	95.0	74.3	98.0	99.0	90.6
SYDNEY (SWI-7)	99.0	83.3	67.7	93.3	94.3	97.7	99.0	90.6
NUMEX-SAHARA	99.0	92.7	57.3	93.3	94.7	97.7	99.0	90.5
MAJESTIC	99.0	83.3	64.3	91.7	98.7	97.7	98.3	90.4
JACKPOT	99.0	90.0	59.0	90.0	97.7	97.3	97.7	90.1
ARIZONA COMMON	99.0	90.0	59.3	93.3	93.0	97.0	98.3	90.0
MINI-VERDE	99.0	96.3	82.7	83.3	46.3	97.0	97.7	86.0
LSD VALUE	0.7	9.0	9.9	4.1	21.1	1.2	3.0	3.7
C.V. (%)	0.4	5.9	8.6	2.7	14.0	0.8	1.9	6.5

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

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



TABLE 14B. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMU DAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
NAME	AR1	AZ1	FL1	MO1	MO2	OK1	TX2	MEAN
PRINCESS	99.0	98.7	82.3	96.3	94.7	99.0	96.0	95.1
OKS 95-1	99.0	99.0	73.3	95.0	99.0	99.0	98.3	94.7
SWI-11	97.7	99.0	82.7	91.7	94.0	97.0	97.7	94.2
PST-R69C	99.0	96.7	71.7	93.3	99.0	98.0	99.0	93.8
SHANGRI LA	99.0	93.3	66.0	95.0	99.0	97.0	97.7	92.4
SOUTHERN STAR (J-1224)	99.0	97.3	68.3	95.0	86.3	97.7	99.0	91.8
BLUE-MUDA	99.0	88.3	67.0	91.7	99.0	97.3	99.0	91.6
SAVANNAH	99.0	94.3	60.3	94.0	97.7	98.0	97.7	91.6
J-540	99.0	94.3	63.7	93.3	91.7	98.0	99.0	91.3
PYRAMID	99.0	94.3	64.3	90.0	94.7	97.7	97.0	91.0
BLACKJACK	99.0	89.3	60.0	93.3	99.0	97.3	98.3	90.9
MIRAGE	99.0	88.3	63.3	90.0	99.0	97.3	98.3	90.8
SUNDEVIL II	99.0	88.7	61.7	95.0	99.0	97.7	94.0	90.7
SYDNEY (SWI-7)	99.0	83.3	67.7	93.3	94.3	97.7	99.0	90.6
NUMEX-SAHARA	99.0	92.7	57.3	93.3	94.7	97.7	99.0	90.5
MAJESTIC	99.0	83.3	64.3	91.7	98.7	97.7	98.3	90.4
JACKPOT	99.0	90.0	59.0	90.0	97.7	97.3	97.7	90.1
ARIZONA COMMON	99.0	90.0	59.3	93.3	93.0	97.0	98.3	90.0
LSD VALUE	0.9	11.0	10.0	3.7	9.5	1.3	3.2	2.6
C.V. (%)	0.6	7.4	9.4	2.4	6.1	0.8	2.0	4.7

TABLE 14C. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF BERMU DAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/								
NAME	AR1	AZ1	FL1	MO1	MO2	OK1	TX2	MEAN
TIFGREEN	99	94.3	90.0	95.0	99.0	99.0	99.0	96.5
TIFWAY	99	99.0	86.7	93.3	99.0	99.0	99.0	96.4
CN 2-9	99	94.3	93.3	87.3	99.0	99.0	97.7	95.7
OKC 19-9	99	98.7	80.0	93.7	92.7	98.7	99.0	94.5
TIFSPORT (TIFT 94)	99	99.0	89.0	91.7	84.7	99.0	99.0	94.5
CARDINAL	99	99.0	70.3	93.3	99.0	97.7	99.0	93.9
MIDLAWN	99	99.0	71.0	90.0	99.0	98.0	99.0	93.6
SHANGHAI	99	99.0	70.0	93.3	99.0	98.0	96.7	93.6
OKC 18-4	99	95.0	74.0	95.0	74.3	98.0	99.0	90.6
MINI-VERDE	99	96.3	82.7	83.3	46.3	97.0	97.7	86.0
LSD VALUE	0	3.1	9.8	4.7	33.0	1.1	2.6	5.0
C.V. (%)	0	2.0	7.5	3.2	23.0	0.7	1.7	8.8

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

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

TABLE 15A. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	FL1	MO1	OK1	MEAN
TIFSPORT (TIFT 94)	99.0	81.7	98.3	96.7	93.9
CN 2-9	99.0	82.0	92.0	96.0	92.3
OKS 95-1	99.0	74.3	98.3	96.3	92.0
PRINCESS	99.0	73.0	99.0	96.3	91.8
SWI-11	97.7	76.7	97.7	93.3	91.3
TIFWAY	99.0	69.3	97.0	96.3	90.4
TIFGREEN	99.0	66.7	97.7	97.0	90.1
PST-R69C	99.0	70.0	99.0	91.7	89.9
OKC 19-9	99.0	65.0	98.3	96.3	89.7
MINI-VERDE	99.0	74.0	86.0	99.0	89.5
OKC 18-4	99.0	64.0	99.0	95.0	89.3
SYDNEY (SWI-7)	99.0	69.3	97.7	90.0	89.0
SHANGRI LA	99.0	65.3	96.3	94.0	88.7
SOUTHERN STAR (J-1224)	99.0	63.3	99.0	90.0	87.8
CARDINAL	99.0	57.7	97.7	95.0	87.3
MAJESTIC	99.0	58.3	98.3	91.7	86.8
BLUE-MUDA	99.0	61.7	96.3	90.0	86.8
MIRAGE	99.0	60.0	95.0	92.7	86.7
BLACKJACK	99.0	58.0	97.7	91.7	86.6
MIDLAWN	99.0	54.0	95.7	95.3	86.0
SHANGHAI	99.0	54.0	99.0	92.0	86.0
J-540	99.0	55.0	97.0	92.7	85.9
SAVANNAH	99.0	56.0	97.7	91.0	85.9
SUNDEVIL II	99.0	54.0	99.0	91.3	85.8
PYRAMID	99.0	56.3	97.0	90.7	85.8
JACKPOT	99.0	55.0	96.3	91.7	85.5
NUMEX-SAHARA	99.0	47.7	97.7	93.3	84.4
ARIZONA COMMON	99.0	50.7	96.3	90.7	84.2
LSD VALUE	0.7	12.7	3.1	2.7	3.3
C.V. (%)	0.4	12.5	2.0	1.8	4.7

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

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

TABLE 15B. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	FL1	MO1	OK1	MEAN
OKS 95-1	99.0	74.3	98.3	96.3	92.0
PRINCESS	99.0	73.0	99.0	96.3	91.8
SWI-11	97.7	76.7	97.7	93.3	91.3
PST-R69C	99.0	70.0	99.0	91.7	89.9
SYDNEY (SWI-7)	99.0	69.3	97.7	90.0	89.0
SHANGRI LA	99.0	65.3	96.3	94.0	88.7
SOUTHERN STAR (J-1224)	99.0	63.3	99.0	90.0	87.8
MAJESTIC	99.0	58.3	98.3	91.7	86.8
BLUE-MUDA	99.0	61.7	96.3	90.0	86.8
MIRAGE	99.0	60.0	95.0	92.7	86.7
BLACKJACK	99.0	58.0	97.7	91.7	86.6
J-540	99.0	55.0	97.0	92.7	85.9
SAVANNAH	99.0	56.0	97.7	91.0	85.9
SUNDEVIL II	99.0	54.0	99.0	91.3	85.8
PYRAMID	99.0	56.3	97.0	90.7	85.8
JACKPOT	99.0	55.0	96.3	91.7	85.5
NUMEX-SAHARA	99.0	47.7	97.7	93.3	84.4
ARIZONA COMMON	99.0	50.7	96.3	90.7	84.2
LSD VALUE	0.9	13.4	2.5	2.8	3.5
C.V. (%)	0.6	13.6	1.6	1.9	5.0

TABLE 15C. PERCENT LIVING GROUND COVER (FALL) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AR1	FL1	MO1	OK1	MEAN
TIFSPORT (TIFT 94)	99	81.7	98.3	96.7	93.9
CN 2-9	99	82.0	92.0	96.0	92.3
TIFWAY	99	69.3	97.0	96.3	90.4
TIFGREEN	99	66.7	97.7	97.0	90.1
OKC 19-9	99	65.0	98.3	96.3	89.7
MINI-VERDE	99	74.0	86.0	99.0	89.5
OKC 18-4	99	64.0	99.0	95.0	89.3
CARDINAL	99	57.7	97.7	95.0	87.3
MIDLAWN	99	54.0	95.7	95.3	86.0
SHANGHAI	99	54.0	99.0	92.0	86.0
LSD VALUE	0	11.4	4.0	2.7	3.1
C.V. (%)	0	10.6	2.6	1.7	4.3

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

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

TABLE 16A. FROST TOLERANCE RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/

NAME	AR1	MO2	MEAN
TIFSPORT (TIFT 94)	6.7	6.0	6.3
TIFWAY	6.3	5.7	6.0
TIFGREEN	8.0	3.7	5.8
CN 2-9	5.7	5.7	5.7
PST-R69C	6.7	4.7	5.7
MINI-VERDE	5.3	6.0	5.7
CARDINAL	6.7	4.3	5.5
MIDLAWN	7.0	4.0	5.5
PYRAMID	6.3	4.7	5.5
SWI-11	6.3	4.7	5.5
OKS 95-1	6.7	4.0	5.3
SOUTHERN STAR (J-1224)	5.7	5.0	5.3
J-540	5.3	5.0	5.2
NUMEX-SAHARA	5.0	5.0	5.0
SAVANNAH	5.3	4.7	5.0
SYDNEY (SWI-7)	5.0	5.0	5.0
SUNDEVIL II	4.7	5.0	4.8
BLUE-MUDA	5.3	4.3	4.8
MIRAGE	4.7	4.7	4.7
OKC 19-9	6.0	3.3	4.7
ARIZONA COMMON	5.3	4.0	4.7
JACKPOT	4.3	5.0	4.7
MAJESTIC	5.3	4.0	4.7
BLACKJACK	4.7	4.3	4.5
PRINCESS	4.3	4.7	4.5
SHANGHAI	7.0	2.0	4.5
SHANGRI LA	4.3	4.7	4.5
OKC 18-4	6.3	2.0	4.2
LSD VALUE	2.2	0.8	1.2
C.V. (%)	23.6	10.8	19.9

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

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

TABLE 16B. FROST TOLERANCE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/			
NAME	AR1	MO2	MEAN
PST-R69C	6.7	4.7	5.7
PYRAMID	6.3	4.7	5.5
SWI-11	6.3	4.7	5.5
OKS 95-1	6.7	4.0	5.3
SOUTHERN STAR (J-1224)	5.7	5.0	5.3
J-540	5.3	5.0	5.2
NUMEX-SAHARA	5.0	5.0	5.0
SAVANNAH	5.3	4.7	5.0
SYDNEY (SWI-7)	5.0	5.0	5.0
SUNDEVIL II	4.7	5.0	4.8
BLUE-MUDA	5.3	4.3	4.8
MIRAGE	4.7	4.7	4.7
ARIZONA COMMON	5.3	4.0	4.7
JACKPOT	4.3	5.0	4.7
MAJESTIC	5.3	4.0	4.7
BLACKJACK	4.7	4.3	4.5
PRINCESS	4.3	4.7	4.5
SHANGRI LA	4.3	4.7	4.5
LSD VALUE	2.1	0.8	1.1
C.V. (%)	24.1	11.4	19.7

TABLE 16C. FROST TOLERANCE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

FROST TOLERANCE RATINGS 1-9; 9=NO INJURY 2/			
NAME	AR1	MO2	MEAN
TIFSPORT (TIFT 94)	6.7	6.0	6.3
TIFWAY	6.3	5.7	6.0
TIFGREEN	8.0	3.7	5.8
CN 2-9	5.7	5.7	5.7
MINI-VERDE	5.3	6.0	5.7
CARDINAL	6.7	4.3	5.5
MIDLAWN	7.0	4.0	5.5
OKC 19-9	6.0	3.3	4.7
SHANGHAI	7.0	2.0	4.5
OKC 18-4	6.3	2.0	4.2
LSD VALUE	2.4	0.7	1.2
C.V. (%)	22.8	9.6	20.2

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

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

TABLE 17A. WINTER COLOR RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	TX2	VA4	MEAN
TIFSPORT (TIFT 94)	6.0	7.3	4.7	7.3	6.3
TIFWAY	6.0	7.3	4.7	7.3	6.3
CN 2-9	5.0	7.3	4.3	7.0	5.9
PRINCESS	1.7	5.7	4.3	7.7	4.8
PYRAMID	2.7	5.7	4.0	7.0	4.8
ARIZONA COMMON	3.3	5.0	4.0	6.7	4.8
MIDLAWN	1.0	6.0	4.7	7.3	4.8
NUMEX-SAHARA	3.3	5.0	4.0	6.7	4.8
SHANGRI LA	3.7	5.3	3.3	6.7	4.8
SAVANNAH	2.7	5.0	3.7	7.3	4.7
MIRAGE	3.0	5.0	3.3	7.0	4.6
MINI-VERDE	1.0	4.0	5.3	7.7	4.5
PST-R69C	2.0	5.7	3.3	7.0	4.5
JACKPOT	3.0	4.3	4.0	6.3	4.4
BLUE-MUDA	2.7	4.7	3.3	6.7	4.3
J-540	2.3	4.7	3.3	7.0	4.3
OKC 18-4	1.0	5.7	3.0	7.7	4.3
MAJESTIC	2.0	5.3	3.0	7.0	4.3
SOUTHERN STAR (J-1224)	1.7	5.0	2.7	7.7	4.3
SYDNEY (SWI-7)	2.3	4.3	3.7	6.7	4.3
OKS 95-1	1.3	5.0	3.7	6.7	4.2
SUNDEVIL II	2.0	4.7	3.0	7.0	4.2
TIFGREEN	1.7	5.0	3.3	6.7	4.2
SWI-11	1.3	5.3	3.0	7.0	4.2
BLACKJACK	2.3	4.0	3.3	6.7	4.1
CARDINAL	1.3	3.0	5.7	6.3	4.1
SHANGHAI	1.0	5.0	2.0	8.0	4.0
OKC 19-9	1.0	3.3	3.7	6.7	3.7
LSD VALUE	0.8	1.2	1.6	0.8	0.6
C.V. (%)	20.5	14.9	27.5	6.8	15.8

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

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

TABLE 17B. WINTER COLOR RATINGS OF BERMUDAGRASS (SEDED) CULTIVARS 1/  
1999 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	TX2	VA4	MEAN
PRINCESS	1.7	5.7	4.3	7.7	4.8
PYRAMID	2.7	5.7	4.0	7.0	4.8
ARIZONA COMMON	3.3	5.0	4.0	6.7	4.8
NUMEX-SAHARA	3.3	5.0	4.0	6.7	4.8
SHANGRI LA	3.7	5.3	3.3	6.7	4.8
SAVANNAH	2.7	5.0	3.7	7.3	4.7
MIRAGE	3.0	5.0	3.3	7.0	4.6
PST-R69C	2.0	5.7	3.3	7.0	4.5
JACKPOT	3.0	4.3	4.0	6.3	4.4
BLUE-MUDA	2.7	4.7	3.3	6.7	4.3
J-540	2.3	4.7	3.3	7.0	4.3
MAJESTIC	2.0	5.3	3.0	7.0	4.3
SOUTHERN STAR (J-1224)	1.7	5.0	2.7	7.7	4.3
SYDNEY (SWI-7)	2.3	4.3	3.7	6.7	4.3
OKS 95-1	1.3	5.0	3.7	6.7	4.2
SUNDEVIL II	2.0	4.7	3.0	7.0	4.2
SWI-11	1.3	5.3	3.0	7.0	4.2
BLACKJACK	2.3	4.0	3.3	6.7	4.1
LSD VALUE	1.0	1.3	1.0	0.7	0.5
C.V. (%)	24.6	16.2	17.4	6.5	14.1

TABLE 17C. WINTER COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

WINTER COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	TX2	VA4	MEAN
TIFSPORT (TIPT 94)	6.0	7.3	4.7	7.3	6.3
TIFWAY	6.0	7.3	4.7	7.3	6.3
CN 2-9	5.0	7.3	4.3	7.0	5.9
MIDLAWN	1.0	6.0	4.7	7.3	4.8
MINI-VERDE	1.0	4.0	5.3	7.7	4.5
OKC 18-4	1.0	5.7	3.0	7.7	4.3
TIFGREEN	1.7	5.0	3.3	6.7	4.2
CARDINAL	1.3	3.0	5.7	6.3	4.1
SHANGHAI	1.0	5.0	2.0	8.0	4.0
OKC 19-9	1.0	3.3	3.7	6.7	3.7
LSD VALUE	0.4	1.1	2.4	0.8	0.7
C.V. (%)	10.3	12.7	36.4	7.2	18.2

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

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

TABLE 18A. PERCENT WINTER KILL RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	OK1
SWI-11	68.3
PRINCESS	61.7
SHANGHAI	58.3
ARIZONA COMMON	55.0
MINI-VERDE	55.0
SHANGRI LA	55.0
MAJESTIC	53.3
MIRAGE	53.3
SAVANNAH	53.3
PYRAMID	51.7
BLACKJACK	50.0
BLUE-MUDA	50.0
JACKPOT	50.0
NUMEX-SAHARA	50.0
SUNDEVIL II	50.0
SYDNEY (SWI-7)	48.3
J-540	46.7
OKC 18-4	46.7
PST-R69C	43.3
SOUTHERN STAR (J-1224)	43.3
CN 2-9	41.7
TIFSPORT (TIFT 94)	40.0
OKS 95-1	33.3
TIFWAY	31.7
OKC 19-9	30.0
TIFGREEN	30.0
MIDLAWN	26.7
CARDINAL	15.0
LSD VALUE	10.5
C.V. (%)	14.1

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

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



TABLE 18B. PERCENT WINTER KILL RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	OK1
SWI-11	68.3
PRINCESS	61.7
ARIZONA COMMON	55.0
SHANGRI LA	55.0
MAJESTIC	53.3
MIRAGE	53.3
SAVANNAH	53.3
PYRAMID	51.7
BLACKJACK	50.0
BLUE-MUDA	50.0
JACKPOT	50.0
NUMEX-SAHARA	50.0
SUNDEVIL II	50.0
SYDNEY (SWI-7)	48.3
J-540	46.7
PST-R69C	43.3
SOUTHERN STAR (J-1224)	43.3
OKS 95-1	33.3
LSD VALUE	11.2
C.V. (%)	13.6

TABLE 18C. PERCENT WINTER KILL RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	OK1
SHANGHAI	58.3
MINI-VERDE	55.0
OKC 18-4	46.7
CN 2-9	41.7
TIFSPORT (TIFT 94)	40.0
TIFWAY	31.7
OKC 19-9	30.0
TIFGREEN	30.0
MIDLAWN	26.7
CARDINAL	15.0
LSD VALUE	9.1
C.V. (%)	15.0

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

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

TABLE 19A. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	KY1
SWI-11	9.0
PRINCESS	8.3
OKS 95-1	7.3
SHANGHAI	7.3
TIFSPORT (TIFT 94)	7.3
SYDNEY (SWI-7)	7.0
BLACKJACK	6.7
BLUE-MUDA	6.7
J-540	6.7
SHANGRI LA	6.7
NUMEX-SAHARA	6.3
PYRAMID	6.3
MAJESTIC	6.0
OKC 18-4	6.0
SAVANNAH	6.0
JACKPOT	5.7
TIFGREEN	5.7
TIFWAY	5.7
ARIZONA COMMON	5.3
MIRAGE	5.3
PST-R69C	5.3
CARDINAL	5.0
MIDLAWN	5.0
SOUTHERN STAR (J-1224)	5.0
SUNDEVIL II	4.7
OKC 19-9	4.3
MINI-VERDE	4.0
CN 2-9	3.0
LSD VALUE	1.6
C.V. (%)	16.4

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

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

TABLE 19B. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	KY1
SWI-11	9.0
PRINCESS	8.3
OKS 95-1	7.3
SYDNEY (SWI-7)	7.0
BLACKJACK	6.7
BLUE-MUDA	6.7
J-540	6.7
SHANGRI LA	6.7
NUMEX-SAHARA	6.3
PYRAMID	6.3
MAJESTIC	6.0
SAVANNAH	6.0
JACKPOT	5.7
ARIZONA COMMON	5.3
MIRAGE	5.3
PST-R69C	5.3
SOUTHERN STAR (J-1224)	5.0
SUNDEVIL II	4.7
LSD VALUE	1.7
C.V. (%)	16.3

TABLE 19C. DROUGHT TOLERANCE (DORMANCY) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

DROUGHT TOLERANCE (DORMANCY) RATINGS 1-9; 9=NO DORMANCY 2/

NAME	KY1
SHANGHAI	7.3
TIFSPORT (TIFT 94)	7.3
OKC 18-4	6.0
TIFGREEN	5.7
TIFWAY	5.7
CARDINAL	5.0
MIDLAWN	5.0
OKC 19-9	4.3
MINI-VERDE	4.0
CN 2-9	3.0
LSD VALUE	1.4
C.V. (%)	16.4

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

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

TABLE 20A. DOLLAR SPOT RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO2
CARDINAL	6.0
TIFGREEN	3.3
MIDLAWN	2.3
OKC 19-9	2.0
OKS 95-1	2.0
TIFWAY	2.0
OKC 18-4	1.7
SOUTHERN STAR (J-1224)	1.7
SUNDEVIL II	1.7
ARIZONA COMMON	1.3
BLACKJACK	1.3
CN 2-9	1.3
MAJESTIC	1.3
PRINCESS	1.3
BLUE-MUDA	1.0
J-540	1.0
JACKPOT	1.0
MINI-VERDE	1.0
MIRAGE	1.0
NUMEX-SAHARA	1.0
PST-R69C	1.0
PYRAMID	1.0
SAVANNAH	1.0
SHANGHAI	1.0
SHANGRI LA	1.0
SWI-11	1.0
SYDNEY (SWI-7)	1.0
TIFSPORT (TIFT 94)	1.0
LSD VALUE	0.8
C.V. (%)	33.1

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

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

TABLE 20B. DOLLAR SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO2
OKS 95-1	2.0
SOUTHERN STAR (J-1224)	1.7
SUNDEVIL II	1.7
ARIZONA COMMON	1.3
BLACKJACK	1.3
MAJESTIC	1.3
PRINCESS	1.3
BLUE-MUDA	1.0
J-540	1.0
JACKPOT	1.0
MIRAGE	1.0
NUMEX-SAHARA	1.0
PST-R69C	1.0
PYRAMID	1.0
SAVANNAH	1.0
SHANGRI LA	1.0
SWI-11	1.0
SYDNEY (SWI-7)	1.0
LSD VALUE	0.5
C.V. (%)	27.7

TABLE 20C. DOLLAR SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MO2
CARDINAL	6.0
TIFGREEN	3.3
MIDLAWN	2.3
OKC 19-9	2.0
TIFWAY	2.0
OKC 18-4	1.7
CN 2-9	1.3
MINI-VERDE	1.0
SHANGHAI	1.0
TIFSPORT (TIFT 94)	1.0
LSD VALUE	1.2
C.V. (%)	33.7

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

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

TABLE 21A. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	FL1
TIFSPORT (TIFT 94)	8.3
CN 2-9	8.0
TIFWAY	7.3
OKC 19-9	6.7
PRINCESS	6.7
MIDLAWN	6.0
MINI-VERDE	6.0
OKC 18-4	6.0
SHANGHAI	6.0
PST-R69C	5.7
SWI-11	5.7
TIFGREEN	5.7
MAJESTIC	5.3
PYRAMID	5.3
ARIZONA COMMON	5.0
OKS 95-1	5.0
SAVANNAH	5.0
BLUE-MUDA	4.7
MIRAGE	4.7
NUMEX-SAHARA	4.7
SYDNEY (SWI-7)	4.7
BLACKJACK	4.3
J-540	4.3
JACKPOT	4.3
SHANGRI LA	4.3
SOUTHERN STAR (J-1224)	4.3
SUNDEVIL II	4.3
CARDINAL	3.7
LSD VALUE	1.5
C.V. (%)	17.3

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

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

TABLE 21B. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	FL1
PRINCESS	6.7
PST-R69C	5.7
SWI-11	5.7
MAJESTIC	5.3
PYRAMID	5.3
ARIZONA COMMON	5.0
OKS 95-1	5.0
SAVANNAH	5.0
BLUE-MUDA	4.7
MIRAGE	4.7
NUMEX-SAHARA	4.7
SYDNEY (SWI-7)	4.7
BLACKJACK	4.3
J-540	4.3
JACKPOT	4.3
SHANGRI LA	4.3
SOUTHERN STAR (J-1224)	4.3
SUNDEVIL II	4.3
LSD VALUE	1.3
C.V. (%)	16.6

TABLE 21C. FALL COLOR (SEPTEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	FL1
TIFSPORT (TIFT 94)	8.3
CN 2-9	8.0
TIFWAY	7.3
OKC 19-9	6.7
MIDLAWN	6.0
MINI-VERDE	6.0
OKC 18-4	6.0
SHANGHAI	6.0
TIFGREEN	5.7
CARDINAL	3.7
LSD VALUE	1.8
C.V. (%)	17.7

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

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

TABLE 22A. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	KY1	MEAN
TIFSPORT (TIFT 94)	7.7	7.7	8.7	8.0
CN 2-9	7.0	7.7	8.7	7.8
TIFWAY	7.3	7.7	8.0	7.7
PRINCESS	7.3	6.3	8.7	7.4
OKC 19-9	7.0	6.3	8.7	7.3
SHANGHAI	7.0	5.7	9.0	7.2
OKS 95-1	7.7	5.0	8.7	7.1
OKC 18-4	7.0	5.3	9.0	7.1
MIDLAWN	7.0	6.0	8.0	7.0
SOUTHERN STAR (J-1224)	7.0	5.0	9.0	7.0
PST-R69C	7.0	5.7	8.0	6.9
SAVANNAH	7.0	4.7	9.0	6.9
SWI-11	7.0	5.0	8.7	6.9
J-540	7.0	4.3	9.0	6.8
MAJESTIC	7.0	5.0	8.0	6.7
SYDNEY (SWI-7)	7.0	4.7	8.3	6.7
PYRAMID	7.0	5.0	7.7	6.6
SHANGRI LA	7.0	4.7	8.0	6.6
SUNDEVIL II	7.0	5.0	7.7	6.6
MINI-VERDE	8.0	6.3	5.0	6.4
ARIZONA COMMON	7.0	5.3	6.7	6.3
BLUE-MUDA	7.0	5.0	7.0	6.3
MIRAGE	7.0	4.3	7.7	6.3
TIFGREEN	7.7	6.0	5.0	6.2
BLACKJACK	7.0	4.3	6.7	6.0
JACKPOT	7.0	4.0	7.0	6.0
NUMEX-SAHARA	7.0	4.7	6.3	6.0
CARDINAL	7.0	4.7	6.0	5.9
LSD VALUE	0.4	1.3	0.8	0.5
C.V. (%)	3.4	14.4	6.1	8.1

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

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



TABLE 22B. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	KY1	MEAN
PRINCESS	7.3	6.3	8.7	7.4
OKS 95-1	7.7	5.0	8.7	7.1
SOUTHERN STAR (J-1224)	7.0	5.0	9.0	7.0
PST-R69C	7.0	5.7	8.0	6.9
SAVANNAH	7.0	4.7	9.0	6.9
SWI-11	7.0	5.0	8.7	6.9
J-540	7.0	4.3	9.0	6.8
MAJESTIC	7.0	5.0	8.0	6.7
SYDNEY (SWI-7)	7.0	4.7	8.3	6.7
PYRAMID	7.0	5.0	7.7	6.6
SHANGRI LA	7.0	4.7	8.0	6.6
SUNDEVIL II	7.0	5.0	7.7	6.6
ARIZONA COMMON	7.0	5.3	6.7	6.3
BLUE-MUDA	7.0	5.0	7.0	6.3
MIRAGE	7.0	4.3	7.7	6.3
BLACKJACK	7.0	4.3	6.7	6.0
JACKPOT	7.0	4.0	7.0	6.0
NUMEX-SAHARA	7.0	4.7	6.3	6.0
LSD VALUE	0.3	1.0	0.8	0.4
C.V. (%)	2.7	13.1	6.2	7.2

TABLE 22C. FALL COLOR (OCTOBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	KY1	MEAN
TIFSPORT (TIFT 94)	7.7	7.7	8.7	8.0
CN 2-9	7.0	7.7	8.7	7.8
TIFWAY	7.3	7.7	8.0	7.7
OKC 19-9	7.0	6.3	8.7	7.3
SHANGHAI	7.0	5.7	9.0	7.2
OKC 18-4	7.0	5.3	9.0	7.1
MIDLAWN	7.0	6.0	8.0	7.0
MINI-VERDE	8.0	6.3	5.0	6.4
TIFGREEN	7.7	6.0	5.0	6.2
CARDINAL	7.0	4.7	6.0	5.9
LSD VALUE	0.5	1.6	0.7	0.6
C.V. (%)	4.4	15.5	5.9	9.2

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

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

TABLE 23A. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	GA1	OK1	MEAN
TIFWAY	6.7	7.3	5.0	4.0	5.8
TIFSPORT (TIFT 94)	6.7	7.0	4.3	3.3	5.3
CN 2-9	5.3	7.3	5.0	3.3	5.3
TIFGREEN	5.0	6.7	4.3	4.7	5.2
MIDLAWN	5.7	5.7	6.0	3.0	5.1
BLUE-MUDA	5.3	5.3	4.3	5.0	5.0
PRINCESS	6.0	6.0	3.3	4.7	5.0
MAJESTIC	6.0	4.3	4.3	5.0	4.9
MINI-VERDE	4.7	7.0	4.0	3.7	4.8
SHANGRI LA	5.7	4.7	4.0	5.0	4.8
ARIZONA COMMON	6.0	4.7	3.3	5.0	4.8
J-540	5.7	4.7	3.7	5.0	4.8
OKS 95-1	6.0	4.7	3.7	4.7	4.8
PST-R69C	5.3	5.3	3.3	5.0	4.8
PYRAMID	5.7	4.7	3.7	5.0	4.8
SAVANNAH	6.0	4.0	3.7	5.0	4.7
JACKPOT	5.7	4.0	3.7	5.0	4.6
NUMEX-SAHARA	5.3	4.7	3.3	5.0	4.6
MIRAGE	5.3	4.0	3.7	5.0	4.5
SOUTHERN STAR (J-1224)	5.7	4.7	3.3	4.3	4.5
OKC 18-4	5.7	5.3	4.0	2.7	4.4
SWI-11	6.0	4.0	3.0	4.7	4.4
SYDNEY (SWI-7)	5.7	4.0	3.3	4.7	4.4
SHANGHAI	5.3	5.7	4.3	2.3	4.4
SUNDEVIL II	5.0	4.3	3.3	4.7	4.3
BLACKJACK	5.3	3.3	3.3	5.0	4.3
CARDINAL	4.7	4.3	4.3	3.7	4.3
OKC 19-9	4.3	6.0	3.7	2.7	4.2
LSD VALUE	1.0	1.0	1.4	1.7	0.7
C.V. (%)	11.6	12.4	22.6	25.0	17.7

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

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

TABLE 23B. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	GA1	OK1	MEAN
BLUE-MUDA	5.3	5.3	4.3	5.0	5.0
PRINCESS	6.0	6.0	3.3	4.7	5.0
MAJESTIC	6.0	4.3	4.3	5.0	4.9
SHANGRI LA	5.7	4.7	4.0	5.0	4.8
ARIZONA COMMON	6.0	4.7	3.3	5.0	4.8
J-540	5.7	4.7	3.7	5.0	4.8
OKS 95-1	6.0	4.7	3.7	4.7	4.8
PST-R69C	5.3	5.3	3.3	5.0	4.8
PYRAMID	5.7	4.7	3.7	5.0	4.8
SAVANNAH	6.0	4.0	3.7	5.0	4.7
JACKPOT	5.7	4.0	3.7	5.0	4.6
NUMEX-SAHARA	5.3	4.7	3.3	5.0	4.6
MIRAGE	5.3	4.0	3.7	5.0	4.5
SOUTHERN STAR (J-1224)	5.7	4.7	3.3	4.3	4.5
SWI-11	6.0	4.0	3.0	4.7	4.4
SYDNEY (SWI-7)	5.7	4.0	3.3	4.7	4.4
SUNDEVIL II	5.0	4.3	3.3	4.7	4.3
BLACKJACK	5.3	3.3	3.3	5.0	4.3
LSD VALUE	0.9	0.9	1.2	1.9	0.6
C.V. (%)	9.9	12.8	20.1	23.7	17.0

TABLE 23C. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	GA1	OK1	MEAN
TIFWAY	6.7	7.3	5.0	4.0	5.8
TIFSPORT (TIFT 94)	6.7	7.0	4.3	3.3	5.3
CN 2-9	5.3	7.3	5.0	3.3	5.3
TIFGREEN	5.0	6.7	4.3	4.7	5.2
MIDLAWN	5.7	5.7	6.0	3.0	5.1
MINI-VERDE	4.7	7.0	4.0	3.7	4.8
OKC 18-4	5.7	5.3	4.0	2.7	4.4
SHANGHAI	5.3	5.7	4.3	2.3	4.4
CARDINAL	4.7	4.3	4.3	3.7	4.3
OKC 19-9	4.3	6.0	3.7	2.7	4.2
LSD VALUE	1.2	1.2	1.2	1.5	0.6
C.V. (%)	14.3	11.7	16.7	27.9	16.5

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

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

TABLE 24A. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	MEAN
TIFSPORT (TIFT 94)	7.0	6.0	6.5
TIFWAY	7.0	5.7	6.3
CN 2-9	6.3	6.0	6.2
PRINCESS	5.0	5.3	5.2
MINI-VERDE	4.0	6.0	5.0
SHANGHAI	4.0	5.7	4.8
OKS 95-1	4.7	4.7	4.7
TIFGREEN	3.7	5.7	4.7
PST-R69C	4.0	5.3	4.7
SHANGRI LA	4.7	4.3	4.5
SWI-11	5.0	4.0	4.5
OKC 18-4	3.3	5.3	4.3
OKC 19-9	2.7	6.0	4.3
BLUE-MUDA	3.7	4.7	4.2
J-540	3.7	4.7	4.2
MIDLAWN	3.0	5.3	4.2
SOUTHERN STAR (J-1224)	4.0	4.3	4.2
ARIZONA COMMON	4.0	4.0	4.0
CARDINAL	4.7	3.3	4.0
JACKPOT	4.3	3.7	4.0
MIRAGE	4.0	4.0	4.0
SAVANNAH	4.0	4.0	4.0
MAJESTIC	4.0	3.7	3.8
PYRAMID	3.3	4.3	3.8
SUNDEVIL II	3.3	4.3	3.8
BLACKJACK	4.0	3.3	3.7
NUMEX-SAHARA	3.3	4.0	3.7
SYDNEY (SWI-7)	3.7	3.7	3.7
LSD VALUE	0.9	1.0	0.7
C.V. (%)	13.9	13.6	13.7

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

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

TABLE 24B. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	MEAN
PRINCESS	5.0	5.3	5.2
OKS 95-1	4.7	4.7	4.7
PST-R69C	4.0	5.3	4.7
SHANGRI LA	4.7	4.3	4.5
SWI-11	5.0	4.0	4.5
BLUE-MUDA	3.7	4.7	4.2
J-540	3.7	4.7	4.2
SOUTHERN STAR (J-1224)	4.0	4.3	4.2
ARIZONA COMMON	4.0	4.0	4.0
JACKPOT	4.3	3.7	4.0
MIRAGE	4.0	4.0	4.0
SAVANNAH	4.0	4.0	4.0
MAJESTIC	4.0	3.7	3.8
PYRAMID	3.3	4.3	3.8
SUNDEVIL II	3.3	4.3	3.8
BLACKJACK	4.0	3.3	3.7
NUMEX-SAHARA	3.3	4.0	3.7
SYDNEY (SWI-7)	3.7	3.7	3.7
LSD VALUE	0.9	1.0	0.7
C.V. (%)	14.3	15.1	14.7

TABLE 24C. FALL COLOR (DECEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

FALL COLOR RATINGS 1-9; 9=COMPLETE COLOR RETENTION 2/

NAME	CA3	FL1	MEAN
TIFSPORT (TIFT 94)	7.0	6.0	6.5
TIFWAY	7.0	5.7	6.3
CN 2-9	6.3	6.0	6.2
MINI-VERDE	4.0	6.0	5.0
SHANGHAI	4.0	5.7	4.8
TIFGREEN	3.7	5.7	4.7
OKC 18-4	3.3	5.3	4.3
OKC 19-9	2.7	6.0	4.3
MIDLAWN	3.0	5.3	4.2
CARDINAL	4.7	3.3	4.0
LSD VALUE	1.0	1.0	0.7
C.V. (%)	13.3	11.5	12.3

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

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

TABLE 25A. SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	FL1
CN 2-9	9.0
MIDLAWN	9.0
MINI-VERDE	9.0
TIFGREEN	9.0
TIFSPORT (TIFT 94)	9.0
TIFWAY	9.0
SHANGHAI	8.3
OKC 18-4	8.0
CARDINAL	7.7
OKS 95-1	7.3
OKC 19-9	7.0
PRINCESS	6.7
SWI-11	6.3
ARIZONA COMMON	3.0
BLACKJACK	2.7
J-540	2.3
MAJESTIC	2.3
PST-R69C	2.3
PYRAMID	2.0
SHANGRI LA	2.0
SYDNEY (SWI-7)	2.0
BLUE-MUDA	1.7
JACKPOT	1.7
NUMEX-SAHARA	1.7
SAVANNAH	1.7
SOUTHERN STAR (J-1224)	1.7
SUNDEVIL II	1.7
MIRAGE	1.0
LSD VALUE	1.3
C.V. (%)	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 LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

TABLE 25B. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	FL1
OKS 95-1	7.3
PRINCESS	6.7
SWI-11	6.3
ARIZONA COMMON	3.0
BLACKJACK	2.7
J-540	2.3
MAJESTIC	2.3
PST-R69C	2.3
PYRAMID	2.0
SHANGRI LA	2.0
SYDNEY (SWI-7)	2.0
BLUE-MUDA	1.7
JACKPOT	1.7
NUMEX-SAHARA	1.7
SAVANNAH	1.7
SOUTHERN STAR (J-1224)	1.7
SUNDEVIL II	1.7
MIRAGE	1.0
LSD VALUE	1.5
C.V. (%)	34.3

TABLE 25C. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	FL1
CN 2-9	9.0
MIDLAWN	9.0
MINI-VERDE	9.0
TIFGREEN	9.0
TIFSPORT (TIFT 94)	9.0
TIFWAY	9.0
SHANGHAI	8.3
OKC 18-4	8.0
CARDINAL	7.7
OKC 19-9	7.0
LSD VALUE	0.8
C.V. (%)	6.1

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

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

TABLE 26A. SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS  
AT RIVERSIDE, CA 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	APRIL	MAY	MEAN
MINI-VERDE	9.0	8.7	8.8
CN 2-9	8.7	8.0	8.3
OKC 18-4	9.0	7.7	8.3
SHANGHAI	9.0	7.3	8.2
TIFWAY	8.3	8.0	8.2
TIFSPORT (TIFT 94)	8.7	7.3	8.0
TIFGREEN	9.0	6.0	7.5
OKS 95-1	8.0	6.3	7.2
MIDLAWN	8.7	5.3	7.0
PRINCESS	8.0	6.0	7.0
SWI-11	8.0	6.0	7.0
OKC 19-9	8.3	4.7	6.5
CARDINAL	8.0	4.0	6.0
MAJESTIC	6.3	5.7	6.0
JACKPOT	4.7	6.0	5.3
ARIZONA COMMON	4.7	5.7	5.2
BLUE-MUDA	5.0	5.3	5.2
MIRAGE	4.7	5.7	5.2
SHANGRI LA	5.0	5.3	5.2
NUMEX-SAHARA	4.7	5.3	5.0
SUNDEVIL II	6.0	4.0	5.0
BLACKJACK	5.3	4.3	4.8
PST-R69C	5.7	4.0	4.8
PYRAMID	5.0	4.7	4.8
SAVANNAH	5.3	4.3	4.8
J-540	5.3	4.0	4.7
SOUTHERN STAR (J-1224)	5.3	4.0	4.7
SYDNEY (SWI-7)	4.3	4.3	4.3
LSD VALUE	0.8	1.0	0.7
C.V. (%)	8.3	12.0	7.2

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

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



TABLE 26B. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 AT RIVERSIDE, CA 1/  
 1999 DATA  
 SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	APRIL	MAY	MEAN
OKS 95-1	8.0	6.3	7.2
PRINCESS	8.0	6.0	7.0
SWI-11	8.0	6.0	7.0
MAJESTIC	6.3	5.7	6.0
JACKPOT	4.7	6.0	5.3
ARIZONA COMMON	4.7	5.7	5.2
BLUE-MUDA	5.0	5.3	5.2
MIRAGE	4.7	5.7	5.2
SHANGRI LA	5.0	5.3	5.2
NUMEX-SAHARA	4.7	5.3	5.0
SUNDEVIL II	6.0	4.0	5.0
BLACKJACK	5.3	4.3	4.8
PST-R69C	5.7	4.0	4.8
PYRAMID	5.0	4.7	4.8
SAVANNAH	5.3	4.3	4.8
J-540	5.3	4.0	4.7
SOUTHERN STAR (J-1224)	5.3	4.0	4.7
SYDNEY (SWI-7)	4.3	4.3	4.3
LSD VALUE	1.0	1.2	0.7
C.V. (%)	10.9	13.4	8.3

TABLE 26C. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 AT RIVERSIDE, CA 1/  
 1999 DATA  
 SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	APRIL	MAY	MEAN
MINI-VERDE	9.0	8.7	8.8
CN 2-9	8.7	8.0	8.3
OKC 18-4	9.0	7.7	8.3
SHANGHAI	9.0	7.3	8.2
TIFWAY	8.3	8.0	8.2
TIFSPORT (TIFT 94)	8.7	7.3	8.0
TIFGREEN	9.0	6.0	7.5
MIDLAWN	8.7	5.3	7.0
OKC 19-9	8.3	4.7	6.5
CARDINAL	8.0	4.0	6.0
LSD VALUE	0.9	1.0	0.6
C.V. (%)	4.8	9.0	5.0

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

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

TABLE 27A. SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS  
AT STILLWATER, OK 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	SPRING	SUMMER	FALL	MEAN
MINI-VERDE	9.0	9.0	9.0	9.0
MIDLAWN	9.0	8.0	9.0	8.7
SHANGHAI	8.7	8.0	9.0	8.6
TIFSPORT (TIFT 94)	8.7	8.0	9.0	8.6
TIFWAY	8.7	8.0	9.0	8.6
CN 2-9	8.7	7.7	9.0	8.4
OKC 18-4	9.0	8.0	8.3	8.4
CARDINAL	8.0	8.0	9.0	8.3
TIFGREEN	8.3	7.3	9.0	8.2
OKC 19-9	8.0	8.0	8.0	8.0
PRINCESS	8.0	5.7	8.3	7.3
SWI-11	7.0	6.0	8.0	7.0
OKS 95-1	6.7	5.3	8.3	6.8
MAJESTIC	6.3	5.7	7.7	6.6
BLUE-MUDA	5.7	5.7	8.0	6.4
MIRAGE	6.3	5.0	8.0	6.4
SHANGRI LA	5.7	5.7	8.0	6.4
BLACKJACK	5.7	5.0	8.0	6.2
JACKPOT	5.3	5.7	7.7	6.2
NUMEX-SAHARA	5.3	5.3	8.0	6.2
ARIZONA COMMON	5.3	5.0	8.0	6.1
PYRAMID	5.7	5.3	7.3	6.1
SAVANNAH	5.3	5.0	8.0	6.1
SUNDEVIL II	5.7	5.0	7.7	6.1
SYDNEY (SWI-7)	5.3	5.0	8.0	6.1
PST-R69C	5.0	4.7	8.0	5.9
SOUTHERN STAR (J-1224)	5.3	4.7	7.7	5.9
J-540	5.0	4.7	7.3	5.7
LSD VALUE	0.9	0.5	0.5	0.4
C.V. (%)	8.5	5.8	3.6	4.0

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

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

TABLE 27B. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
AT STILLWATER, OK 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	SPRING	SUMMER	FALL	MEAN
PRINCESS	8.0	5.7	8.3	7.3
SWI-11	7.0	6.0	8.0	7.0
OKS 95-1	6.7	5.3	8.3	6.8
MAJESTIC	6.3	5.7	7.7	6.6
BLUE-MUDA	5.7	5.7	8.0	6.4
MIRAGE	6.3	5.0	8.0	6.4
SHANGRI LA	5.7	5.7	8.0	6.4
BLACKJACK	5.7	5.0	8.0	6.2
JACKPOT	5.3	5.7	7.7	6.2
NUMEX-SAHARA	5.3	5.3	8.0	6.2
ARIZONA COMMON	5.3	5.0	8.0	6.1
PYRAMID	5.7	5.3	7.3	6.1
SAVANNAH	5.3	5.0	8.0	6.1
SUNDEVIL II	5.7	5.0	7.7	6.1
SYDNEY (SWI-7)	5.3	5.0	8.0	6.1
PST-R69C	5.0	4.7	8.0	5.9
SOUTHERN STAR (J-1224)	5.3	4.7	7.7	5.9
J-540	5.0	4.7	7.3	5.7
LSD VALUE	1.2	0.7	0.7	0.5
C.V. (%)	11.5	7.5	4.3	4.9

TABLE 27C. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
AT STILLWATER, OK 1/  
1999 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 2/

NAME	SPRING	SUMMER	FALL	MEAN
MINI-VERDE	9.0	9.0	9.0	9.0
MIDLAWN	9.0	8.0	9.0	8.7
SHANGHAI	8.7	8.0	9.0	8.6
TIFSPORT (TIFT 94)	8.7	8.0	9.0	8.6
TIFWAY	8.7	8.0	9.0	8.6
CN 2-9	8.7	7.7	9.0	8.4
OKC 18-4	9.0	8.0	8.3	8.4
CARDINAL	8.0	8.0	9.0	8.3
TIFGREEN	8.3	7.3	9.0	8.2
OKC 19-9	8.0	8.0	8.0	8.0
LSD VALUE	0.7	0.4	0.3	0.3
C.V. (%)	4.4	3.1	2.1	2.2

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

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

TABLE 28A. SCALPING (JULY) RATINGS OF BERMUDAGRASS CULTIVARS 1/  
1999 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	CA3
ARIZONA COMMON	9.0
BLACKJACK	9.0
BLUE-MUDA	9.0
CN 2-9	9.0
J-540	9.0
JACKPOT	9.0
MAJESTIC	9.0
MINI-VERDE	9.0
MIRAGE	9.0
NUMEX-SAHARA	9.0
OKS 95-1	9.0
PRINCESS	9.0
PST-R69C	9.0
PYRAMID	9.0
SAVANNAH	9.0
SHANGHAI	9.0
SHANGRI LA	9.0
SOUTHERN STAR (J-1224)	9.0
SUNDEVIL II	9.0
SWI-11	9.0
SYDNEY (SWI-7)	9.0
TIFGREEN	9.0
OKC 18-4	8.7
OKC 19-9	8.7
MIDLAWN	7.7
TIFSPORT (TIFT 94)	7.3
TIFWAY	7.0
CARDINAL	6.3
LSD VALUE	0.6
C.V. (%)	4.2

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

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

TABLE 28B. SCALPING (JULY) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS 1/  
1999 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	CA3
ARIZONA COMMON	9
BLACKJACK	9
BLUE-MUDA	9
J-540	9
JACKPOT	9
MAJESTIC	9
MIRAGE	9
NUMEX-SAHARA	9
OKS 95-1	9
PRINCESS	9
PST-R69C	9
PYRAMID	9
SAVANNAH	9
SHANGRI LA	9
SOUTHERN STAR (J-1224)	9
SUNDEVIL II	9
SWI-11	9
SYDNEY (SWI-7)	9
LSD VALUE	0
C.V. (%)	0

TABLE 28C. SCALPING (JULY) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/  
1999 DATA

SCALPING RATINGS 1-9; 9=NONE 2/

NAME	CA3
CN 2-9	9.0
MINI-VERDE	9.0
SHANGHAI	9.0
TIFGREEN	9.0
OKC 18-4	8.7
OKC 19-9	8.7
MIDLAWN	7.7
TIFSPORT (TIFT 94)	7.3
TIFWAY	7.0
CARDINAL	6.3
LSD VALUE	1.0
C.V. (%)	7.4

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

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

TABLE 29A. PERCENT COLOR RECOVERY FROM DROUGHT DORMANCY OF BERMUDAGRASS CULTIVARS 1/ 2/  
1999 DATA

NAME	GA1
SWI-11	93.3
PRINCESS	91.7
TIFGREEN	85.0
SAVANNAH	83.3
OKC 19-9	82.5
MIDLAWN	81.7
SOUTHERN STAR (J-1224)	81.7
TIFSPORT (TIFT 94)	81.7
BLACKJACK	80.0
JACKPOT	80.0
NUMEX-SAHARA	78.3
SUNDEVIL II	78.3
MIRAGE	76.7
OKS 95-1	75.0
PYRAMID	75.0
PST-R69C	73.3
CARDINAL	72.5
ARIZONA COMMON	71.7
BLUE-MUDA	71.7
SHANGRI LA	71.7
OKC 18-4	70.0
SYDNEY (SWI-7)	70.0
MAJESTIC	66.7
J-540	65.0
TIFWAY	63.3
SHANGHAI	56.7
MINI-VERDE	55.0
CN 2-9	46.7
LSD VALUE	26.0
C.V. (%)	20.9

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

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

TABLE 29B. PERCENT COLOR RECOVERY FROM DROUGHT DORMANCY OF BERMUDAGRASS (SEEDED) CULTIVARS 1/ 2/  
1999 DATA

NAME	GA1
SWI-11	93.3
PRINCESS	91.7
SAVANNAH	83.3
SOUTHERN STAR (J-1224)	81.7
BLACKJACK	80.0
JACKPOT	80.0
NUMEX-SAHARA	78.3
SUNDEVIL II	78.3
MIRAGE	76.7
OKS 95-1	75.0
PYRAMID	75.0
PST-R69C	73.3
ARIZONA COMMON	71.7
BLUE-MUDA	71.7
SHANGRI LA	71.7
SYDNEY (SWI-7)	70.0
MAJESTIC	66.7
J-540	65.0
LSD VALUE	19.6
C.V. (%)	15.9

TABLE 29C. PERCENT COLOR RECOVERY FROM DROUGHT DORMANCY OF BERMUDAGRASS (VEGETATIVE) CULTIVARS 1/ 2/  
1999 DATA

NAME	GA1
TIFGREEN	85.0
OKC 19-9	82.5
MIDLAWN	81.7
TIFSPORT (TIFT 94)	81.7
CARDINAL	72.5
OKC 18-4	70.0
TIFWAY	63.3
SHANGHAI	56.7
MINI-VERDE	55.0
CN 2-9	46.7
LSD VALUE	30.7
C.V. (%)	23.7

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

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

TABLE 30A. DROUGHT TOLERANCE RATINGS OF BERMUDAGRASS CULTIVARS  
AT GRIFFIN, GA 1/  
1999 DATA

DROUGHT TOLERANCE RATINGS 1-9; 9=BEST 2/

NAME	AUGUST_6	AUGUST_8	MEAN
PRINCESS	6.3	5.7	6.0
SOUTHERN STAR (J-1224)	6.0	6.0	6.0
TIFGREEN	6.7	5.0	5.8
MINI-VERDE	6.0	5.3	5.7
SWI-11	5.7	5.3	5.5
CARDINAL	6.0	4.7	5.3
SAVANNAH	5.7	5.0	5.3
J-540	5.3	4.7	5.0
OKC 19-9	5.3	4.7	5.0
TIFSPORT (TIFT 94)	5.3	4.7	5.0
TIFWAY	5.7	4.3	5.0
BLACKJACK	5.3	4.3	4.8
JACKPOT	5.3	4.3	4.8
MIDLAWN	6.0	3.7	4.8
OKS 95-1	5.3	4.3	4.8
PST-R69C	5.0	4.7	4.8
SUNDEVIL II	5.3	4.3	4.8
MIRAGE	4.7	4.7	4.7
PYRAMID	5.0	4.3	4.7
SYDNEY (SWI-7)	5.0	4.3	4.7
CN 2-9	5.0	4.0	4.5
NUMEX-SAHARA	5.0	4.0	4.5
OKC 18-4	5.0	4.0	4.5
SHANGRI LA	4.7	4.3	4.5
ARIZONA COMMON	4.7	4.0	4.3
SHANGHAI	4.7	3.7	4.2
MAJESTIC	4.3	3.7	4.0
BLUE-MUDA	4.0	3.7	3.8
LSD VALUE	1.4	1.5	1.3
C.V. (%)	13.4	15.9	13.2

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

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



TABLE 30B. DROUGHT TOLERANCE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
AT GRIFFIN, GA 1/  
1999 DATA

DROUGHT TOLERANCE RATINGS 1-9; 9=BEST 2/

NAME	AUGUST_6	AUGUST_8	MEAN
PRINCESS	6.3	5.7	6.0
SOUTHERN STAR (J-1224)	6.0	6.0	6.0
SWI-11	5.7	5.3	5.5
SAVANNAH	5.7	5.0	5.3
J-540	5.3	4.7	5.0
BLACKJACK	5.3	4.3	4.8
JACKPOT	5.3	4.3	4.8
OKS 95-1	5.3	4.3	4.8
PST-R69C	5.0	4.7	4.8
SUNDEVIL II	5.3	4.3	4.8
MIRAGE	4.7	4.7	4.7
PYRAMID	5.0	4.3	4.7
SYDNEY (SWI-7)	5.0	4.3	4.7
NUMEX-SAHARA	5.0	4.0	4.5
SHANGRI LA	4.7	4.3	4.5
ARIZONA COMMON	4.7	4.0	4.3
MAJESTIC	4.3	3.7	4.0
BLUE-MUDA	4.0	3.7	3.8
LSD VALUE	1.5	1.6	1.4
C.V. (%)	13.6	16.5	14.0

TABLE 30C. DROUGHT TOLERANCE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
AT GRIFFIN, GA 1/  
1999 DATA

DROUGHT TOLERANCE RATINGS 1-9; 9=BEST 2/

NAME	AUGUST_6	AUGUST_8	MEAN
TIFGREEN	6.7	5.0	5.8
MINI-VERDE	6.0	5.3	5.7
CARDINAL	6.0	4.7	5.3
OKC 19-9	5.3	4.7	5.0
TIFSPORT (TIFT 94)	5.3	4.7	5.0
TIFWAY	5.7	4.3	5.0
MIDLAWN	6.0	3.7	4.8
CN 2-9	5.0	4.0	4.5
OKC 18-4	5.0	4.0	4.5
SHANGHAI	4.7	3.7	4.2
LSD VALUE	1.0	1.2	0.8
C.V. (%)	9.3	13.2	8.9

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

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

TABLE 31A.

TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS  
AT ST. LOUIS (TRAFFIC STUDY), MO 1/  
1999 DATA

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

NAME	INITIAL QUALITY	<u>PERCENT LIVING GROUND COVER RATINGS BEFORE OR AFTER EACH TRAFFIC</u>						QUALITY AFTER TRAFFIC-3	<u>PERCENT GROUND COVER</u>		QUALITY AFTER TRAFFIC-4
		BEFORE TRAFFIC-1	AFTER TRAFFIC-1	BEFORE TRAFFIC-2	AFTER TRAFFIC-2	BEFORE TRAFFIC-3	AFTER TRAFFIC-3		BEFORE TRAFFIC-4	AFTER TRAFFIC-4	
MINI-VERDE	8.7	99.0	99.0	99.0	95.0	93.3	90.0	4.7	94.7	85.0	4.0
OKC 19-9	8.0	99.0	99.0	97.7	95.0	96.3	90.0	6.3	95.0	88.3	4.7
PRINCESS	6.7	99.0	99.0	99.0	95.0	96.3	93.3	4.7	95.0	88.3	4.0
OKC 18-4	7.3	99.0	99.0	96.3	93.3	95.0	90.0	6.0	95.0	88.3	4.3
PST-R69C	6.7	99.0	99.0	96.3	95.0	96.3	91.7	5.0	91.7	90.0	3.7
SWI-11	6.3	99.0	99.0	97.7	95.0	95.0	93.3	4.7	93.3	88.3	3.3
TIFWAY	7.7	99.0	99.0	97.7	95.0	95.0	90.0	5.0	90.0	80.0	4.0
OKS 95-1	7.7	99.0	99.0	99.0	99.0	99.0	96.3	7.3	96.3	93.3	6.7
SHANGHAI	8.0	99.0	99.0	97.7	95.0	96.3	93.3	6.3	95.0	90.0	5.0
MAJESTIC	5.3	99.0	99.0	97.7	90.0	94.7	90.0	4.7	88.3	83.3	3.7
SUNDEVIL II	6.3	99.0	99.0	96.3	96.3	93.0	93.3	4.7	90.0	83.3	3.7
TIFGREEN	7.7	99.0	99.0	96.3	95.0	94.7	91.7	5.0	95.0	88.3	4.3
SOUTHERN STAR (J-1224)	7.7	99.0	99.0	97.7	95.0	95.0	91.7	4.3	91.7	80.0	3.7
TIFSPORT (TIFT 94)	7.7	99.0	99.0	99.0	95.0	93.3	88.3	5.7	93.3	86.7	4.0
BLACKJACK	5.7	96.3	96.3	95.0	91.7	93.3	88.3	4.7	90.0	85.0	3.0
MIRAGE	5.7	97.7	97.7	96.3	91.7	95.0	90.0	4.7	91.7	85.0	3.7
NUMEX-SAHARA	5.0	96.3	96.3	95.0	88.3	93.3	86.7	4.0	86.7	76.7	3.3
SAVANNAH	6.3	99.0	99.0	96.3	95.0	93.3	90.0	5.0	91.7	81.7	3.7
SHANGRI LA	5.7	99.0	99.0	95.0	95.0	93.3	90.0	4.7	88.3	85.0	3.3
SYDNEY (SWI-7)	5.7	99.0	99.0	96.3	96.3	94.7	90.0	5.7	94.7	88.3	4.0
BLUE-MUDA	6.0	97.7	97.7	93.3	93.3	93.3	88.3	4.7	88.3	83.3	3.7
ARIZONA COMMON	6.3	93.3	93.3	93.3	93.3	91.7	86.7	4.7	86.7	81.7	3.7
J-540	6.0	99.0	99.0	95.0	95.0	96.3	91.7	5.0	91.7	90.0	4.0
JACKPOT	5.7	99.0	99.0	96.3	90.0	93.3	90.0	4.3	88.3	86.7	3.7
MIDLAWN	6.0	99.0	99.0	96.3	91.7	93.3	86.7	5.0	91.7	80.0	3.7
PYRAMID	5.7	97.7	97.7	97.7	93.3	95.0	91.7	5.0	95.0	86.7	4.3
CARDINAL	5.7	99.0	99.0	90.0	85.0	86.7	80.0	3.3	86.7	78.3	3.3
CN 2-9	8.3	99.0	99.0	96.3	93.3	94.7	88.3	5.7	88.3	75.0	3.7
LSD VALUE	1.0	1.9	1.9	3.1	3.7	5.7	10.2	1.5	8.8	13.2	1.4
C.V. (%)	9.5	1.1	1.1	1.9	2.4	2.8	4.6	16.3	4.3	6.8	18.9

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

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

TABLE 31A.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS CULTIVARS  
AT ST. LOUIS (TRAFFIC STUDY), MO 1/  
1999 DATA

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

NAME	PERCENT GROUND COVER RATINGS AFTER TRAFFIC				QUALITY RATINGS AFTER TRAFFIC			
	2-WEEKS	4-WEEKS	6-WEEKS	8-WEEKS	2-WEEKS	4-WEEKS	6-WEEKS	8-WEEKS
MINI-VERDE	90.0	99.0	99.0	99.0	6.0	8.0	8.7	9.0
CKC 19-9	93.3	97.7	99.0	99.0	6.7	8.7	7.7	8.7
ERINCESS	91.7	97.7	99.0	99.0	5.7	7.3	9.0	8.7
CKC 18-4	86.7	97.7	99.0	99.0	5.0	7.3	8.0	8.3
EST-R69C	93.3	99.0	99.0	99.0	5.3	7.3	8.3	8.3
SWI-11	91.7	97.7	99.0	99.0	5.7	7.3	7.3	8.3
TIFWAY	90.0	96.3	99.0	99.0	5.7	7.3	8.3	8.3
CKS 95-1	96.3	99.0	99.0	99.0	7.7	7.3	9.0	8.0
SHANGHAI	88.3	91.3	97.7	97.7	6.3	6.7	7.0	8.0
MAJESTIC	86.7	95.0	99.0	99.0	3.7	5.7	7.3	7.7
SUNDEVIL II	88.3	97.7	99.0	99.0	4.7	6.3	7.0	7.7
TIFGREEN	93.3	96.3	99.0	99.0	6.3	7.7	7.0	7.7
SOUTHERN STAR (J-1224)	86.7	97.7	99.0	99.0	4.3	6.7	8.0	7.3
TIFSPORT (TIFT 94)	88.3	97.7	99.0	99.0	5.3	7.7	8.0	7.3
ELACKJACK	90.0	96.3	99.0	99.0	4.7	6.3	7.3	7.0
MIRAGE	86.7	91.7	97.7	99.0	4.3	4.7	6.7	7.0
NUMEX-SAHARA	81.7	90.0	99.0	99.0	3.3	5.0	6.3	7.0
SAVANNAH	88.3	99.0	99.0	99.0	4.7	7.0	6.7	7.0
SHANGRI LA	88.3	94.7	99.0	99.0	4.7	6.0	6.3	7.0
SYDNEY (SWI-7)	88.3	94.7	99.0	99.0	4.7	5.7	7.0	7.0
BLUE-MUDA	86.7	91.7	97.7	99.0	4.0	5.0	6.7	6.7
ARIZONA COMMON	81.7	91.7	99.0	99.0	3.3	5.7	5.7	6.3
J-540	95.0	96.3	99.0	99.0	5.3	5.7	7.0	6.3
JACKPOT	86.7	91.7	99.0	99.0	4.0	5.7	7.0	6.3
MIDLAWN	86.7	93.3	94.7	96.0	5.0	7.0	6.7	6.3
PYRAMID	88.3	94.7	94.7	99.0	5.0	5.7	6.0	6.3
CARDINAL	68.3	81.7	93.3	94.7	3.7	5.3	6.3	5.7
CN 2-9	63.3	83.0	91.3	91.3	4.0	5.3	6.7	5.7
LSD VALUE	14.5	6.3	3.7	3.9	1.6	1.5	1.5	1.2
C.V. (%)	8.7	4.0	2.1	2.0	19.1	13.6	11.8	10.1

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

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

TABLE 31B.

TURFGRASS QUALITY AND OTHER RATINGS OF BERMU DAGRASS (SEEDED) CULTIVARS  
AT ST. LOUIS (TRAFFIC STUDY), MO 1/  
1999 DATA

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

NAME	INITIAL QUALITY	<u>PERCENT LIVING GROUND COVER RATINGS BEFORE OR AFTER EACH TRAFFIC</u>						QUALITY AFTER TRAFFIC-3	<u>PERCENT GROUND COVER</u>		QUALITY AFTER TRAFFIC-4
		BEFORE TRAFFIC-1	AFTER TRAFFIC-1	BEFORE TRAFFIC-2	AFTER TRAFFIC-2	BEFORE TRAFFIC-3	AFTER TRAFFIC-3		BEFORE TRAFFIC-4	AFTER TRAFFIC-4	
PRINCESS	6.7	99.0	99.0	99.0	95.0	96.3	93.3	4.7	95.0	88.3	4.0
PST-R69C	6.7	99.0	99.0	96.3	95.0	96.3	91.7	5.0	91.7	90.0	3.7
SWI-11	6.3	99.0	99.0	97.7	95.0	95.0	93.3	4.7	93.3	88.3	3.3
OKS 95-1	7.7	99.0	99.0	99.0	99.0	99.0	96.3	7.3	96.3	93.3	6.7
MAJESTIC	5.3	99.0	99.0	97.7	90.0	94.7	90.0	4.7	88.3	83.3	3.7
SUNDEVIL II	6.3	99.0	99.0	96.3	96.3	93.0	93.3	4.7	90.0	83.3	3.7
SOUTHERN STAR (J-1224)	7.7	99.0	99.0	97.7	95.0	95.0	91.7	4.3	91.7	80.0	3.7
BLACKJACK	5.7	96.3	96.3	95.0	91.7	93.3	88.3	4.7	90.0	85.0	3.0
MIRAGE	5.7	97.7	97.7	96.3	91.7	95.0	90.0	4.7	91.7	85.0	3.7
NUMEX-SAHARA	5.0	96.3	96.3	95.0	88.3	93.3	86.7	4.0	86.7	76.7	3.3
SAVANNAH	6.3	99.0	99.0	96.3	95.0	93.3	90.0	5.0	91.7	81.7	3.7
SHANGRI LA	5.7	99.0	99.0	95.0	95.0	93.3	90.0	4.7	88.3	85.0	3.3
SYDNEY (SWI-7)	5.7	99.0	99.0	96.3	96.3	94.7	90.0	5.7	94.7	88.3	4.0
BLUE-MUDA	6.0	97.7	97.7	93.3	93.3	93.3	88.3	4.7	88.3	83.3	3.7
ARIZONA COMMON	6.3	93.3	93.3	93.3	93.3	91.7	86.7	4.7	86.7	81.7	3.7
J-540	6.0	99.0	99.0	95.0	95.0	96.3	91.7	5.0	91.7	90.0	4.0
JACKPOT	5.7	99.0	99.0	96.3	90.0	93.3	90.0	4.3	88.3	86.7	3.7
PYRAMID	5.7	97.7	97.7	97.7	93.3	95.0	91.7	5.0	95.0	86.7	4.3
LSD VALUE	1.1	2.5	2.5	3.8	3.6	6.5	7.9	1.3	9.6	13.5	1.4
C.V. (%)	10.5	1.4	1.4	1.9	2.3	2.7	2.7	14.6	4.4	6.6	19.5

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

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

TABLE 31B.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
AT ST. LOUIS (TRAFFIC STUDY), MO 1/  
1999 DATA

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

NAME	PERCENT GROUND COVER RATINGS AFTER TRAFFIC				QUALITY RATINGS AFTER TRAFFIC			
	2-WEEKS	4-WEEKS	6-WEEKS	8-WEEKS	2-WEEKS	4-WEEKS	6-WEEKS	8-WEEKS
PRINCESS	91.7	97.7	99.0	99	5.7	7.3	9.0	8.7
EST-R69C	93.3	99.0	99.0	99	5.3	7.3	8.3	8.3
SWI-11	91.7	97.7	99.0	99	5.7	7.3	7.3	8.3
CKS 95-1	96.3	99.0	99.0	99	7.7	7.3	9.0	8.0
MAJESTIC	86.7	95.0	99.0	99	3.7	5.7	7.3	7.7
SUNDEVIL II	88.3	97.7	99.0	99	4.7	6.3	7.0	7.7
SOUTHERN STAR (J-1224)	86.7	97.7	99.0	99	4.3	6.7	8.0	7.3
BLACKJACK	90.0	96.3	99.0	99	4.7	6.3	7.3	7.0
MIRAGE	86.7	91.7	97.7	99	4.3	4.7	6.7	7.0
NUMEX-SAHARA	81.7	90.0	99.0	99	3.3	5.0	6.3	7.0
SAVANNAH	88.3	99.0	99.0	99	4.7	7.0	6.7	7.0
SHANGRI LA	88.3	94.7	99.0	99	4.7	6.0	6.3	7.0
SYDNEY (SWI-7)	88.3	94.7	99.0	99	4.7	5.7	7.0	7.0
BLUE-MUDA	86.7	91.7	97.7	99	4.0	5.0	6.7	6.7
ARIZONA COMMON	81.7	91.7	99.0	99	3.3	5.7	5.7	6.3
J-540	95.0	96.3	99.0	99	5.3	5.7	7.0	6.3
JACKPOT	86.7	91.7	99.0	99	4.0	5.7	7.0	6.3
PYRAMID	88.3	94.7	94.7	99	5.0	5.7	6.0	6.3
LSD VALUE	10.6	4.6	2.9	-	1.4	1.1	1.3	0.9
C.V. (%)	5.4	2.7	1.3	0	17.4	10.7	10.8	7.2

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

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

TABLE 31C.

TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
AT ST. LOUIS (TRAFFIC STUDY), MO 1/  
1999 DATA

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

NAME	INITIAL QUALITY	PERCENT LIVING GROUND COVER RATINGS BEFORE OR AFTER EACH TRAFFIC						QUALITY AFTER TRAFFIC-3	PERCENT GROUND COVER		QUALITY AFTER TRAFFIC-4
		BEFORE TRAFFIC-1	AFTER TRAFFIC-1	BEFORE TRAFFIC-2	AFTER TRAFFIC-2	BEFORE TRAFFIC-3	AFTER TRAFFIC-3		BEFORE TRAFFIC-4	AFTER TRAFFIC-4	
MINI-VERDE	8.7	99	99	99.0	95.0	93.3	90.0	4.7	94.7	85.0	4.0
OKC 19-9	8.0	99	99	97.7	95.0	96.3	90.0	6.3	95.0	88.3	4.7
OKC 18-4	7.3	99	99	96.3	93.3	95.0	90.0	6.0	95.0	88.3	4.3
TIFWAY	7.7	99	99	97.7	95.0	95.0	90.0	5.0	90.0	80.0	4.0
SHANGHAI	8.0	99	99	97.7	95.0	96.3	93.3	6.3	95.0	90.0	5.0
TIFGREEN	7.7	99	99	96.3	95.0	94.7	91.7	5.0	95.0	88.3	4.3
TIFSPORT (TIFT 94)	7.7	99	99	99.0	95.0	93.3	88.3	5.7	93.3	86.7	4.0
MIDLAWN	6.0	99	99	96.3	91.7	93.3	86.7	5.0	91.7	80.0	3.7
CARDINAL	5.7	99	99	90.0	85.0	86.7	80.0	3.3	86.7	78.3	3.3
CN 2-9	8.3	99	99	96.3	93.3	94.7	88.3	5.7	88.3	75.0	3.7
LSD VALUE	1.1	-	-	3.0	4.1	4.9	12.4	2.1	7.9	13.5	1.9
C.V. (%)	8.5	0	0	1.8	2.5	2.7	5.8	18.5	4.0	7.4	18.7

TABLE 31C.  
(CONT'D)

TURFGRASS QUALITY AND OTHER RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
AT ST. LOUIS (TRAFFIC STUDY), MO 1/  
1999 DATA

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

NAME	PERCENT GROUND COVER RATINGS AFTER TRAFFIC				QUALITY RATINGS AFTER TRAFFIC			
	2-WEEKS	4-WEEKS	6-WEEKS	8-WEEKS	2-WEEKS	4-WEEKS	6-WEEKS	8-WEEKS
MINI-VERDE	90.0	99.0	99.0	99.0	6.0	8.0	8.7	9.0
OKC 19-9	93.3	97.7	99.0	99.0	6.7	8.7	7.7	8.7
OKC 18-4	86.7	97.7	99.0	99.0	5.0	7.3	8.0	8.3
TIFWAY	90.0	96.3	99.0	99.0	5.7	7.3	8.3	8.3
SHANGHAI	88.3	91.3	97.7	97.7	6.3	6.7	7.0	8.0
TIFGREEN	93.3	96.3	99.0	99.0	6.3	7.7	7.0	7.7
TIFSPORT (TIFT 94)	88.3	97.7	99.0	99.0	5.3	7.7	8.0	7.3
MIDLAWN	86.7	93.3	94.7	96.0	5.0	7.0	6.7	6.3
CARDINAL	68.3	81.7	93.3	94.7	3.7	5.3	6.3	5.7
CN 2-9	63.3	83.0	91.3	91.3	4.0	5.3	6.7	5.7
LSD VALUE	21.7	9.7	6.1	7.5	2.6	2.6	2.2	1.9
C.V. (%)	12.7	5.7	3.1	3.4	22.0	17.2	13.3	13.7

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

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

TABLE 32A. TURFGRASS DENSITY AND PERCENT COLOR RETENTION RATINGS OF BERMUDAGRASS CULTIVARS  
AT GRIFFIN (TRAFFIC - MARCH), GA (GA2) 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	COLOR RETENTION RATINGS AFTER TRAFFIC				DENSITY RATINGS NO/AFTER TRAFFIC		
	4-DAYS	8-DAYS	11-DAYS	15-DAYS	NO-TRAFFIC	4-DAYS	14-DAYS
MINI-VERDE	46.7	40.0	65.0	78.3	9.0	6.3	7.3
OKC 19-9	41.7	35.0	60.0	71.7	8.3	6.3	7.3
TIFGREEN	46.7	35.0	68.3	80.0	8.3	6.0	7.3
TIFSPORT (TIFT 94)	41.7	35.0	61.7	78.3	7.7	6.7	7.0
TIFWAY	41.7	33.3	61.7	76.7	8.0	5.7	7.0
OKC 18-4	41.7	33.3	56.7	71.7	7.3	6.7	6.7
CARDINAL	38.3	31.7	56.7	75.0	8.3	5.3	6.3
CN 2-9	43.3	31.7	60.0	75.0	7.3	6.3	6.3
MAJESTIC	35.0	26.7	55.0	55.0	6.7	5.0	6.3
SHANGHAI	38.3	25.0	50.0	68.3	7.0	6.0	6.3
OKS 95-1	41.7	40.0	65.0	71.7	7.3	5.3	6.0
PRINCESS	36.7	31.7	66.7	75.0	7.0	6.0	6.0
PST-R69C	33.3	26.7	61.7	71.7	7.0	5.7	6.0
PYRAMID	36.7	31.7	60.0	66.7	7.0	5.3	6.0
BLACKJACK	31.7	23.3	51.7	56.7	6.7	5.0	5.7
JACKPOT	35.0	33.3	63.3	70.0	7.0	5.0	5.7
SAVANNAH	28.3	26.7	50.0	55.0	6.7	4.7	5.7
SHANGRI LA	33.3	25.0	60.0	66.7	7.0	5.3	5.7
SOUTHERN STAR (J-1224)	31.7	28.3	60.0	58.3	6.7	5.0	5.7
SWI-11	38.3	36.7	63.3	65.0	6.7	5.3	5.7
ARIZONA COMMON	30.0	23.3	48.3	53.3	6.7	4.0	5.3
MIDLAWN	26.7	23.3	50.0	61.7	7.0	5.0	5.3
MIRAGE	31.7	28.3	55.0	61.7	6.7	5.0	5.3
SUNDEVIL II	30.0	25.0	55.0	56.7	7.3	5.3	5.3
BLUE-MUDA	26.7	18.3	46.7	48.3	6.7	4.3	5.0
J-540	30.0	21.7	55.0	65.0	6.7	4.3	5.0
NUMEX-SAHARA	28.3	25.0	48.3	56.7	6.7	5.0	5.0
SYDNEY (SWI-7)	28.3	25.0	51.7	60.0	7.0	4.7	5.0
LSD VALUE	11.9	13.8	19.4	17.2	0.7	1.1	1.1
C.V. (%)	17.9	22.7	14.3	13.9	6.1	11.7	10.6

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

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

TABLE 32B. TURFGRASS DENSITY AND PERCENT COLOR RETENTION RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 AT GRIFFIN (TRAFFIC - MARCH), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	COLOR RETENTION RATINGS AFTER TRAFFIC				DENSITY RATINGS NO/AFTER TRAFFIC		
	4-DAYS	8-DAYS	11-DAYS	15-DAYS	NO-TRAFFIC	4-DAYS	14-DAYS
MAJESTIC	35.0	26.7	55.0	55.0	6.7	5.0	6.3
OKS 95-1	41.7	40.0	65.0	71.7	7.3	5.3	6.0
PRINCESS	36.7	31.7	66.7	75.0	7.0	6.0	6.0
PST-R69C	33.3	26.7	61.7	71.7	7.0	5.7	6.0
PYRAMID	36.7	31.7	60.0	66.7	7.0	5.3	6.0
BLACKJACK	31.7	23.3	51.7	56.7	6.7	5.0	5.7
JACKPOT	35.0	33.3	63.3	70.0	7.0	5.0	5.7
SAVANNAH	28.3	26.7	50.0	55.0	6.7	4.7	5.7
SHANGRI LA	33.3	25.0	60.0	66.7	7.0	5.3	5.7
SOUTHERN STAR (J-1224)	31.7	28.3	60.0	58.3	6.7	5.0	5.7
SWI-11	38.3	36.7	63.3	65.0	6.7	5.3	5.7
ARIZONA COMMON	30.0	23.3	48.3	53.3	6.7	4.0	5.3
MIRAGE	31.7	28.3	55.0	61.7	6.7	5.0	5.3
SUNDEVIL II	30.0	25.0	55.0	56.7	7.3	5.3	5.3
BLUE-MUDA	26.7	18.3	46.7	48.3	6.7	4.3	5.0
J-540	30.0	21.7	55.0	65.0	6.7	4.3	5.0
NUMEX-SAHARA	28.3	25.0	48.3	56.7	6.7	5.0	5.0
SYDNEY (SWI-7)	28.3	25.0	51.7	60.0	7.0	4.7	5.0
LSD VALUE	13.4	19.1	18.7	18.5	1.3	1.7	2.1
C.V. (%)	17.0	27.8	14.4	14.2	6.3	13.8	12.9

TABLE 32C. TURFGRASS DENSITY AND PERCENT COLOR RETENTION RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 AT GRIFFIN (TRAFFIC - MARCH), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	COLOR RETENTION RATINGS AFTER TRAFFIC				DENSITY RATINGS NO/AFTER TRAFFIC		
	4-DAYS	8-DAYS	11-DAYS	15-DAYS	NO-TRAFFIC	4-DAYS	14-DAYS
MINI-VERDE	46.7	40.0	65.0	78.3	9.0	6.3	7.3
OKC 19-9	41.7	35.0	60.0	71.7	8.3	6.3	7.3
TIFGREEN	46.7	35.0	68.3	80.0	8.3	6.0	7.3
TIFSPORT (TIFT 94)	41.7	35.0	61.7	78.3	7.7	6.7	7.0
TIFWAY	41.7	33.3	61.7	76.7	8.0	5.7	7.0
OKC 18-4	41.7	33.3	56.7	71.7	7.3	6.7	6.7
CARDINAL	38.3	31.7	56.7	75.0	8.3	5.3	6.3
CN 2-9	43.3	31.7	60.0	75.0	7.3	6.3	6.3
SHANGHAI	38.3	25.0	50.0	68.3	7.0	6.0	6.3
MIDLAWN	26.7	23.3	50.0	61.7	7.0	5.0	5.3
LSD VALUE	11.0	7.6	14.2	14.7	0.6	0.9	0.8
C.V. (%)	13.8	12.9	11.4	9.1	5.0	8.0	7.0

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

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



TABLE 33A. TURFGRASS DENSITY RATINGS OF BERMUDAGRASS CULTIVARS  
AT GRIFFIN (TRAFFIC - JUNE), GA (GA2) 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	<u>DENSITY RATINGS NO-TRAFFIC/AFTER TRAFFIC</u>			
	NO-TRAFFIC	1-DAY	5-DAYS	9-DAYS
PRINCESS	6.7	4.7	5.0	6.0
PST-R69C	6.7	4.3	5.3	6.0
SOUTHERN STAR (J-1224)	6.0	4.0	5.0	5.7
SWI-11	6.7	4.3	5.3	5.7
BLACKJACK	6.0	3.3	4.3	5.3
J-540	6.0	3.7	4.7	5.3
JACKPOT	6.3	3.7	5.0	5.3
OKS 95-1	6.3	3.7	4.3	5.3
SAVANNAH	6.0	3.0	4.7	5.3
SHANGRI LA	6.0	3.3	5.0	5.3
BLUE-MUDA	6.0	3.0	4.3	5.0
MAJESTIC	5.7	3.3	4.3	5.0
MIRAGE	6.0	3.0	4.0	5.0
PYRAMID	6.0	3.0	4.3	5.0
SUNDEVIL II	6.0	3.7	4.7	5.0
SYDNEY (SWI-7)	6.3	3.3	4.3	5.0
ARIZONA COMMON	5.7	2.7	4.0	4.7
NUMEX-SAHARA	6.0	3.0	4.3	4.7
CARDINAL	5.3	3.3	.	.
CN 2-9	7.3	4.3	.	.
MIDLAWN	6.3	3.7	.	.
MINI-VERDE	7.7	5.3	.	.
OKC 18-4	6.7	4.0	.	.
OKC 19-9	7.0	4.3	.	.
SHANGHAI	6.0	4.7	.	.
TIFGREEN	7.7	4.7	.	.
TIFSPORT (TIFT 94)	7.0	5.3	.	.
TIFWAY	6.3	4.3	.	.
LSD VALUE	0.6	1.0	1.3	1.3
C.V. (%)	6.2	15.6	12.1	10.3

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

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

TABLE 33B. TURFGRASS DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 AT GRIFFIN (TRAFFIC - JUNE), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	DENSITY RATINGS NO-TRAFFIC/AFTER TRAFFIC			
	NO-TRAFFIC	1-DAY	5-DAYS	9-DAYS
PRINCESS	6.7	4.7	5.0	6.0
PST-R69C	6.7	4.3	5.3	6.0
SOUTHERN STAR (J-1224)	6.0	4.0	5.0	5.7
SWI-11	6.7	4.3	5.3	5.7
BLACKJACK	6.0	3.3	4.3	5.3
J-540	6.0	3.7	4.7	5.3
JACKPOT	6.3	3.7	5.0	5.3
OKS 95-1	6.3	3.7	4.3	5.3
SAVANNAH	6.0	3.0	4.7	5.3
SHANGRI LA	6.0	3.3	5.0	5.3
BLUE-MUDA	6.0	3.0	4.3	5.0
MAJESTIC	5.7	3.3	4.3	5.0
MIRAGE	6.0	3.0	4.0	5.0
PYRAMID	6.0	3.0	4.3	5.0
SUNDEVIL II	6.0	3.7	4.7	5.0
SYDNEY (SWI-7)	6.3	3.3	4.3	5.0
ARIZONA COMMON	5.7	2.7	4.0	4.7
NUMEX-SAHARA	6.0	3.0	4.3	4.7
LSD VALUE	0.8	1.0	1.3	1.3
C.V. (%)	6.1	15.7	12.1	10.3

TABLE 33C. TURFGRASS DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 AT GRIFFIN (TRAFFIC - JUNE), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	DENSITY	DENSITY
	NO-TRAFFIC	AFTER TRAFFIC 1-DAY
MINI-VERDE	7.7	5.3
TIFSPORT (TIFT 94)	7.0	5.3
SHANGHAI	6.0	4.7
TIFGREEN	7.7	4.7
CN 2-9	7.3	4.3
OKC 19-9	7.0	4.3
TIFWAY	6.3	4.3
OKC 18-4	6.7	4.0
MIDLAWN	6.3	3.7
CARDINAL	5.3	3.3
LSD VALUE	0.7	1.2
C.V. (%)	6.5	14.4

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

TABLE 34A.

TURFGRASS DENSITY AND PERCENT COLOR RETENTION RATINGS OF BERMUDAGRASS CULTIVARS  
AT GRIFFIN (TRAFFIC - OCTOBER), GA (GA2) 1/  
1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	COLOR RETENTION RATINGS AFTER TRAFFIC				TURFGRASS DENSITY RATINGS NO-TRAFFIC/AFTER TRAFFIC					
	6-DAYS	10-DAYS	14-DAYS	23-DAYS	NO-TRAFFIC	2-DAYS	6-DAYS	10-DAYS	14-DAYS	23-DAYS
MINI-VERDE	61.7	86.0	88.0	96.0	9.0	7.7	7.3	8.0	8.3	8.7
TIFGREEN	50.0	76.3	70.0	84.7	8.0	6.3	5.7	6.0	6.7	6.7
TIFSPORT (TIFT 94)	53.3	76.7	73.3	76.7	8.0	6.3	6.0	6.0	6.0	6.7
OKC 19-9	51.7	69.7	70.0	86.3	7.3	6.7	5.7	5.7	6.3	6.3
PRINCESS	43.3	46.7	66.7	73.3	7.0	5.3	4.3	5.0	5.7	6.3
OKC 18-4	45.0	63.3	63.3	75.0	7.3	5.7	5.0	5.0	5.7	6.0
TIFWAY	63.3	68.3	70.0	73.3	7.7	6.0	5.0	5.7	6.0	6.0
PST-R69C	48.3	56.7	75.0	76.7	7.0	5.0	4.0	5.0	5.0	5.7
SHANGHAI	40.0	55.0	56.7	61.7	6.0	5.3	4.3	4.7	5.0	5.7
SOUTHERN STAR (J-1224)	38.3	55.0	65.0	65.0	6.7	5.0	4.7	4.7	5.3	5.7
CN 2-9	40.0	48.3	48.3	50.0	7.3	6.3	4.7	4.7	5.0	5.3
JACKPOT	48.3	58.3	66.7	68.3	6.7	4.7	4.3	4.7	4.7	5.3
OKS 95-1	36.7	46.7	66.7	70.0	6.3	5.0	3.3	4.0	5.0	5.3
CARDINAL	38.3	53.3	53.3	56.7	7.3	5.7	4.3	4.0	4.7	5.0
J-540	20.0	41.7	56.7	58.3	6.3	5.0	3.7	3.7	4.7	5.0
MIDLAWN	48.3	58.3	60.0	66.7	7.7	5.7	4.3	5.0	5.0	5.0
SAVANNAH	38.3	43.3	61.7	68.3	6.7	4.3	3.7	4.0	4.7	5.0
SWI-11	46.7	60.0	66.7	66.7	7.0	5.0	4.3	5.3	5.0	5.0
BLACKJACK	31.7	36.7	50.0	53.3	6.0	4.3	3.3	3.7	4.3	4.7
MIRAGE	28.3	35.0	50.0	55.0	6.3	4.0	3.7	3.7	4.0	4.3
SHANGRI LA	38.3	41.7	50.0	53.3	6.3	4.3	4.0	4.0	4.3	4.3
SUNDEVIL II	31.7	35.0	45.0	53.3	6.7	4.0	3.7	4.0	4.3	4.3
PYRAMID	36.7	41.7	50.0	51.7	6.3	4.0	3.3	3.3	3.7	4.0
SYDNEY (SWI-7)	23.3	30.0	38.3	46.7	6.3	4.0	2.7	3.3	4.0	4.0
MAJESTIC	23.3	31.7	36.7	40.0	6.0	4.7	2.7	3.0	4.3	3.7
NUMEX-SAHARA	26.7	36.7	46.7	46.7	6.0	4.0	2.7	3.3	3.7	3.7
ARIZONA COMMON	21.7	30.0	36.7	43.3	6.3	4.0	2.7	3.0	3.3	3.3
BLUE-MUDA	28.3	28.3	35.0	36.7	6.3	4.0	2.7	2.7	3.3	3.3
LSD VALUE	11.3	19.4	17.6	17.7	0.7	0.7	0.9	1.0	1.1	0.9
C.V. (%)	18.4	23.7	18.4	17.5	6.7	8.6	13.7	14.9	14.1	11.8

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

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

TABLE 34B.

TURFGRASS DENSITY AND PERCENT COLOR RETENTION RATINGS OF BERMUDAGRASS (SEDED) CULTIVARS  
 AT GRIFFIN (TRAFFIC - OCTOBER), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	COLOR RETENTION RATINGS AFTER TRAFFIC				TURFGRASS DENSITY RATINGS NO-TRAFFIC/AFTER TRAFFIC					
	6-DAYS	10-DAYS	14-DAYS	23-DAYS	NO-TRAFFIC	2-DAYS	6-DAYS	10-DAYS	14-DAYS	23-DAYS
PRINCESS	43.3	46.7	66.7	73.3	7.0	5.3	4.3	5.0	5.7	6.3
PST-R69C	48.3	56.7	75.0	76.7	7.0	5.0	4.0	5.0	5.0	5.7
SOUTHERN STAR (J-1224)	38.3	55.0	65.0	65.0	6.7	5.0	4.7	4.7	5.3	5.7
JACKPOT	48.3	58.3	66.7	68.3	6.7	4.7	4.3	4.7	4.7	5.3
OKS 95-1	36.7	46.7	66.7	70.0	6.3	5.0	3.3	4.0	5.0	5.3
J-540	20.0	41.7	56.7	58.3	6.3	5.0	3.7	3.7	4.7	5.0
SAVANNAH	38.3	43.3	61.7	68.3	6.7	4.3	3.7	4.0	4.7	5.0
SWI-11	46.7	60.0	66.7	66.7	7.0	5.0	4.3	5.3	5.0	5.0
BLACKJACK	31.7	36.7	50.0	53.3	6.0	4.3	3.3	3.7	4.3	4.7
MIRAGE	28.3	35.0	50.0	55.0	6.3	4.0	3.7	3.7	4.0	4.3
SHANGRI LA	38.3	41.7	50.0	53.3	6.3	4.3	4.0	4.0	4.3	4.3
SUNDEVIL II	31.7	35.0	45.0	53.3	6.7	4.0	3.7	4.0	4.3	4.3
PYRAMID	36.7	41.7	50.0	51.7	6.3	4.0	3.3	3.3	3.7	4.0
SYDNEY (SWI-7)	23.3	30.0	38.3	46.7	6.3	4.0	2.7	3.3	4.0	4.0
MAJESTIC	23.3	31.7	36.7	40.0	6.0	4.7	2.7	3.0	4.3	3.7
NUMEX-SAHARA	26.7	36.7	46.7	46.7	6.0	4.0	2.7	3.3	3.7	3.7
ARIZONA COMMON	21.7	30.0	36.7	43.3	6.3	4.0	2.7	3.0	3.3	3.3
BLUE-MUDA	28.3	28.3	35.0	36.7	6.3	4.0	2.7	2.7	3.3	3.3
LSD VALUE	11.3	14.4	19.1	21.3	0.7	0.5	0.8	1.0	1.1	1.0
C.V. (%)	20.1	20.1	20.4	20.3	5.4	7.2	14.2	15.8	14.0	13.1

TABLE 34C.

TURFGRASS DENSITY AND PERCENT COLOR RETENTION RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 AT GRIFFIN (TRAFFIC - OCTOBER), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	COLOR RETENTION RATINGS AFTER TRAFFIC				TURFGRASS DENSITY RATINGS NO-TRAFFIC/AFTER TRAFFIC					
	6-DAYS	10-DAYS	14-DAYS	23-DAYS	NO-TRAFFIC	2-DAYS	6-DAYS	10-DAYS	14-DAYS	23-DAYS
MINI-VERDE	61.7	86.0	88.0	96.0	9.0	7.7	7.3	8.0	8.3	8.7
TIFGREEN	50.0	76.3	70.0	84.7	8.0	6.3	5.7	6.0	6.7	6.7
TIFSPORT (TIFT 94)	53.3	76.7	73.3	76.7	8.0	6.3	6.0	6.0	6.0	6.7
OKC 19-9	51.7	69.7	70.0	86.3	7.3	6.7	5.7	5.7	6.3	6.3
OKC 18-4	45.0	63.3	63.3	75.0	7.3	5.7	5.0	5.0	5.7	6.0
TIFWAY	63.3	68.3	70.0	73.3	7.7	6.0	5.0	5.7	6.0	6.0
SHANGHAI	40.0	55.0	56.7	61.7	6.0	5.3	4.3	4.7	5.0	5.7
CN 2-9	40.0	48.3	48.3	50.0	7.3	6.3	4.7	4.7	5.0	5.3
CARDINAL	38.3	53.3	53.3	56.7	7.3	5.7	4.3	4.0	4.7	5.0
MIDLAWN	48.3	58.3	60.0	66.7	7.7	5.7	4.3	5.0	5.0	5.0
LSD VALUE	13.7	32.1	14.9	11.5	1.0	1.1	0.8	1.3	1.2	1.0
C.V. (%)	15.1	22.4	13.0	9.8	7.3	9.5	9.7	13.5	12.0	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 LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

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

TABLE 35A. TURFGRASS DENSITY RATINGS OF BERMUDAGRASS CULTIVARS  
 AT GRIFFIN (TRAFFIC - NOVEMBER), GA (GA2) 1/  
 1999 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	DENSITY AFTER TRAFFIC 4-DAYS
MINI-VERDE	6.0
CKC 19-9	5.0
PRINCESS	5.0
TIFSPORT (TIFT 94)	5.0
TIFWAY	5.0
CARDINAL	4.7
CKC 18-4	4.7
EST-R69C	4.7
TIFGREEN	4.7
J-540	4.3
CKS 95-1	4.3
SAVANNAH	4.3
SOUTHERN STAR (J-1224)	4.3
SUNDEVIL II	4.3
SWI-11	4.3
CN 2-9	4.0
PYRAMID	4.0
BLUE-MUDA	3.7
MAJESTIC	3.7
MIDLAWN	3.7
MIRAGE	3.7
SHANGRI LA	3.7
SYDNEY (SWI-7)	3.7
JACKPOT	3.3
NUMEX-SAHARA	3.3
ARIZONA COMMON	3.0
BLACKJACK	3.0
SHANGHAI	3.0
LSD VALUE	1.1
C.V. (%)	15.5

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

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

TABLE 35B. TURFGRASS DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 AT GRIFFIN (TRAFFIC - NOVEMBER), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	DENSITY AFTER TRAFFIC 4-DAYS
ERINCESS	5.0
E8T-R69C	4.7
J-540	4.3
CKS 95-1	4.3
SAVANNAH	4.3
SOUTHERN STAR (J-1224)	4.3
SUNDEVIL II	4.3
SWI-11	4.3
PYRAMID	4.0
BLUE-MUDA	3.7
MAJESTIC	3.7
MIRAGE	3.7
SHANGRI LA	3.7
SYDNEY (SWI-7)	3.7
JACKPOT	3.3
NUMEX-SAHARA	3.3
ARIZONA COMMON	3.0
BLACKJACK	3.0
LSO VALUE	1.2
C.V. (%)	15.7

TABLE 35C. TURFGRASS DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 AT GRIFFIN (TRAFFIC - NOVEMBER), GA (GA2) 1/  
 1999 DATA  
 DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/

NAME	DENSITY AFTER TRAFFIC 4-DAYS
MINI-VERDE	6.0
OKC 19-9	5.0
TIFSPORT (TIFT 94)	5.0
TIFWAY	5.0
CARDINAL	4.7
OKC 18-4	4.7
TIFGREEN	4.7
CN 2-9	4.0
MIDLAWN	3.7
SHANGHAI	3.0
LSO VALUE	1.1
C.V. (%)	14.0

- 1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).
- 2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.