

## **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 Maryland Turfgrass Council. 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, a national director, and an executive coordinator. The program will 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. The national director is responsible for the overall coordination and operation of the NTEP, including (1) soliciting entries and distribution of test seed sets to evaluators, (2) data summarization and distribution, and, (3) management of test materials, facilities, and finances.

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LOCATIONS SUBMITTING DATA FOR 1990

<u>State</u>	<u>Location</u>	<u>Code</u>
Arkansas	Fayetteville	AR1
Arizona	Tucson	AZ1
California	Irvine	CA2
California	Riverside	CA3
Florida	Gainesville	FL1
Illinois	Carbondale	IL1
Kansas	Wichita	KS2
Louisiana	Baton Rouge	LA1
Maryland	Beltsville	UB1
Maryland	Silver Spring	MD1
Mississippi	Mississippi State	MS1
Missouri	Springfield	MO4
Texas	Cleveland	TX1
Virginia	Blacksburg	VA1
Virginia	Virginia Beach	VA4

NATIONAL BERMUDAGRASS TEST, 1986

Entries and Sponsors

<u>Entry No.</u>	<u>Name</u>	<u>Sponsor</u>
1	CT-23	Cal-Turf, Inc.-Camarillo, CA
2	NM 43	A. Baltensperger - New Mexico State University
3	NM 72	A. Baltensperger
4	NM 375	A. Baltensperger
5	NM 471	A. Baltensperger
6	NM 507	A. Baltensperger
7	Vamont	L. Taylor - Va. Tech
8	E-29 (Midfield)	Kansas State University
9	A-29	Kansas State University
10	RS-1	H. Rice, A.J. Powell- University of Kentucky
11	MSB-10	J. Krans - Miss. St. Univ.
12	MSB-20	J. Krans
13	MSB-30	J. Krans
14	A-22 (Midlawn)	Kansas State University
15	Texturf 10	Texas A & M University
16	Midiron	-
17	Tufcote	-
18	Tifgreen	-
19	Tifway	-
20	Tifway II	-
21	NMS 1 (NuMex-Sahara)	A. Baltensperger & Farmers Marketing Corp.
22	NMS 2	A. Baltensperger
23	NMS 3 (Sonesta)	O. M. Scott & Sons
24	NMS 4	A. Baltensperger
25	NMS 14	A. Baltensperger
26	Arizona Common	-
27	Guymon	Agriculture Processors - Enid, OK
28	FB-119	A. E. Dudeck - University of Florida

NOTE: Entries 21-27 are seeded bermudagrasses.

TABLE A.

1990 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES  
IN THE 1986 NATIONAL BERMUDAGRASS TEST

LOCATION	SOIL TEXTURE	SOIL PH	SOIL PHOSPHOROUS (LBS/ACRE)	SOIL POTASSIUM (LBS/ACRE)	NITROGEN (LBS/1000 SQ FT)	SUN OR SHADE	MOWING HEIGHT (IN.)	IRRIGATION PRACTICED
AR1	SILT LOAM AND SILT	4.6-5.5	151-270	241-375	2.1-3.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
AZ1	-	-	-	-	-	-	-	-
CA2	SANDY LOAM	6.6-7.0	-	-	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
CA3	SANDY LOAM	6.6-7.0	-	-	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
FL1	LOAMY SAND	6.6-7.0	151-270	151-240	5.1-6.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
IL1	SILTY CLAY AND CLAY	6.1-6.5	61-150	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
KS2	SANDY LOAM	6.6-7.0	61-150	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
LA1	SILT LOAM AND SILT	4.6-5.5	0-60	0-150	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT DORMANCY
MD1	SANDY LOAM	6.1-6.5	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	TO PREVENT DORMANCY
MO4	SILTY CLAY LOAM	6.1-6.5	271-450	241-375	3.1-4.0	FULL SUN	1.1-1.5	NO IRRIGATION
MS1	SILTY CLAY AND CLAY	7.1-7.5	271-450	151-240	1.1-2.0	FULL SUN	1.6-2.0	NO IRRIGATION
TX1	SANDY LOAM	5.6-6.0	0-60	0-150	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS
UB1	LOAM	5.6-6.0	151-270	0-150	1.1-2.0	FULL SUN	0.6-1.0	TO PREVENT DORMANCY
VA1	SILT LOAM AND SILT	6.1-6.5	0-60	151-240	3.1-4.0	FULL SUN	0.6-1.0	ONLY DURING SEVERE STRESS
VA4	SANDY LOAM	5.6-6.0	61-150	0-150	4.1-5.0	FULL SUN	0.6-1.0	TO PREVENT STRESS

TABLE B.

## LOCATIONS AND DATA COLLECTED IN 1990

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
AR1					X	X	X	X	X	X		
AZ1					X	X	X	X	X	X		
CA2	X	X	X	X	X	X	X	X	X			
CA3	X	X	X	X	X	X	X	X	X	X	X	X
FL1				X	X	X	X	X	X			
IL1												
KS2						X	X					
LA1					X		X	X				
MD1						X	X	X		X		
MO4				X	X	X	X	X		X		
MS1					X	X	X	X	X	X		
TX1												
UB1						X	X			X		
VA1							X	X				
VA4				X		X	X	X	X	X	X	

TABLE B. (continued)

## LOCATIONS AND DATA COLLECTED IN 1990

LOCATION	SPRING GREENUP RATING	GENETIC COLOR RATING	LEAF TEXTURE RATING	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL
AR1	X	X	X	X	X	X			
AZ1	X	X	X						
CA2		X							
CA3		X							
FL1	X								
IL1									
KS2									
LA1		X	X						
MD1							X	X	X
MO4									
MS1	X								
TX1		X		X					
UB1									
VA1							X		
VA4							X		

TABLE B. (continued)

## LOCATIONS AND DATA COLLECTED IN 1990

LOCATION	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	THATCH MEASUREMENTS	DOLLAR SPOT	FALL COLOR NOVEMBER	SCALPING RATINGS	SEEDHEAD RATINGS
AR1	X							
AZ1						X		
CA2		X						
CA3		X		X		X	X	
FL1								
IL1			X					
KS2								
LA1								X
MD1								
MO4			X					
MS1								X
TX1								
UB1			X		X			
VA1								
VA4	X							

TABLE 1A.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS  
AT THIRTEEN LOCATIONS IN THE UNITED STATES  
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/													MEAN
	AR1	AZ1	CA2	CA3	FL1	KS2	LA1	MD1	MO4	MS1	UB1	VA1	VA4	
* TIFWAY	7.9	7.9	6.7	6.4	7.9	1.0	7.6	7.1	1.9	7.5	7.3	6.2	7.1	6.3
* TIFWAY II	7.8	7.8	6.4	6.4	8.1	1.5	7.7	6.8	1.0	7.7	7.3	6.3	7.1	6.3
MSB-10	7.6	7.8	6.9	6.3	8.1	1.7	7.7	6.8	1.0	7.7	6.7	6.3	6.8	6.3
A-29	7.1	6.9	5.5	5.5	6.4	8.2	7.1	5.8	1.4	5.1	7.0	7.0	5.5	6.0
E-29	7.0	6.4	5.6	5.7	6.6	8.0	6.2	5.8	2.8	4.4	6.8	6.5	5.9	6.0
* MIDIRON	6.8	6.4	5.9	5.8	6.9	7.5	6.8	5.3	2.7	4.2	6.3	6.2	5.8	5.9
A-22	7.1	6.6	5.5	5.9	5.9	7.7	6.6	5.7	1.4	5.1	6.7	6.2	5.8	5.8
MSB-20	7.4	7.1	5.7	5.5	7.7	1.0	7.1	6.3	1.0	6.9	7.6	5.5	6.6	5.8
NM 43	6.9	7.1	5.6	5.8	7.7	1.2	7.2	6.2	1.0	6.7	7.7	6.2	6.1	5.8
MSB-30	6.0	6.9	6.5	5.8	6.5	2.7	7.1	6.7	1.5	5.9	6.2	5.7	7.1	5.7
* TUFECOTE	7.6	6.2	5.7	5.7	7.2	2.0	7.4	5.4	1.0	5.6	7.4	6.5	6.7	5.7
* TIFGREEN	6.7	6.9	5.7	5.6	8.1	1.3	6.8	5.9	1.0	6.2	7.8	6.0	6.4	5.7
CT-23	5.0	7.2	5.6	5.9	6.5	3.0	7.2	6.4	1.0	5.6	5.7	4.8	6.2	5.4
NM 507	6.3	7.7	6.2	5.6	8.1	1.0	7.4	6.2	1.0	4.5	4.3	4.8	6.9	5.4
* TEXTURF 10	6.3	6.6	5.5	5.5	7.0	2.8	6.3	5.5	1.0	4.7	5.8	6.3	6.3	5.4
NM 471	5.8	6.9	6.1	6.0	7.6	1.0	7.3	5.8	1.0	4.4	4.8	5.2	6.9	5.3
RS-1	6.0	5.6	5.5	5.7	5.7	5.8	5.9	5.3	1.5	3.7	5.8	5.7	5.6	5.2
FB-119	5.4	6.1	5.4	5.2	6.7	1.0	7.3	5.8	1.2	4.6	6.3	6.3	6.0	5.2
NM 375	5.7	6.2	5.4	5.6	7.1	1.0	6.6	5.2	1.0	4.0	6.1	5.8	6.0	5.1
* VAMONT	5.5	5.4	5.2	5.3	6.7	3.2	5.7	4.8	2.1	4.0	5.9	5.7	5.8	5.0
NMS 3	4.7	6.4	5.3	5.5	6.7	1.0	6.8	5.7	1.0	3.8	5.9	5.5	6.2	5.0
NM 72	4.8	6.4	5.2	5.1	7.8	1.0	6.6	5.4	1.0	4.5	5.4	4.8	6.2	4.9
NMS 4	5.6	6.3	5.5	5.3	7.2	1.0	6.2	5.1	1.2	2.7	5.8	5.0	5.9	4.8
* GUYMON	5.1	6.2	4.6	5.2	6.2	6.2	5.6	4.8	2.6	2.2	5.1	3.2	3.0	4.6
* NMS 1 (NUMEX-SAHARA)	4.7	4.7	5.2	5.1	4.9	1.0	6.3	5.2	1.0	2.6	5.2	4.0	5.6	4.3
NMS 2	4.9	4.5	5.1	5.1	3.8	1.0	5.4	5.3	1.0	2.4	5.4	3.8	5.4	4.1
NMS 14	4.5	4.6	4.9	4.8	4.6	1.0	5.2	4.6	1.0	2.3	4.9	4.2	5.1	4.0
* AZ. COMMON	4.6	4.2	4.8	4.9	4.4	1.0	5.4	3.4	1.0	2.2	5.0	4.0	4.7	3.8
LSD VALUE	1.1	0.6	0.4	0.4	1.1	1.4	0.6	1.1	1.1	0.7	0.8	1.6	0.7	0.3

\* COMMERCIALY AVAILABLE IN THE UNITED STATES IN 1991

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).

TABLE 1B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
AT THIRTEEN LOCATIONS IN THE UNITED STATES  
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/													MEAN
	AR1	AZ1	CA2	CA3	FL1	KS2	LA1	MD1	MO4	MS1	UB1	VA1	VA4	
TIFWAY	7.9	7.9	6.7	6.4	7.9	1.0	7.6	7.1	1.9	7.5	7.3	6.2	7.1	6.3
TIFWAY II	7.8	7.8	6.4	6.4	8.1	1.5	7.7	6.8	1.0	7.7	7.3	6.3	7.1	6.3
MSB-10	7.6	7.8	6.9	6.3	8.1	1.7	7.7	6.8	1.0	7.7	6.7	6.3	6.8	6.3
A-29	7.1	6.9	5.5	5.5	6.4	8.2	7.1	5.8	1.4	5.1	7.0	7.0	5.5	6.0
E-29	7.0	6.4	5.6	5.7	6.6	8.0	6.2	5.8	2.8	4.4	6.8	6.5	5.9	6.0
MIDIRON	6.8	6.4	5.9	5.8	6.9	7.5	6.8	5.3	2.7	4.2	6.3	6.2	5.8	5.9
A-22	7.1	6.6	5.5	5.9	5.9	7.7	6.6	5.7	1.4	5.1	6.7	6.2	5.8	5.8
MSB-20	7.4	7.1	5.7	5.5	7.7	1.0	7.1	6.3	1.0	6.9	7.6	5.5	6.6	5.8
NM 43	6.9	7.1	5.6	5.8	7.7	1.2	7.2	6.2	1.0	6.7	7.7	6.2	6.1	5.8
MSB-30	6.0	6.9	6.5	5.8	6.5	2.7	7.1	6.7	1.5	5.9	6.2	5.7	7.1	5.7
TUFCOTE	7.6	6.2	5.7	5.7	7.2	2.0	7.4	5.4	1.0	5.6	7.4	6.5	6.7	5.7
TIFGREEN	6.7	6.9	5.7	5.6	8.1	1.3	6.8	5.9	1.0	6.2	7.8	6.0	6.4	5.7
CT-23	5.0	7.2	5.6	5.9	6.5	3.0	7.2	6.4	1.0	5.6	5.7	4.8	6.2	5.4
NM 507	6.3	7.7	6.2	5.6	8.1	1.0	7.4	6.2	1.0	4.5	4.3	4.8	6.9	5.4
TEXTURF 10	6.3	6.6	5.5	5.5	7.0	2.8	6.3	5.5	1.0	4.7	5.8	6.3	6.3	5.4
NM 471	5.8	6.9	6.1	6.0	7.6	1.0	7.3	5.8	1.0	4.4	4.8	5.2	6.9	5.3
RS-1	6.0	5.6	5.5	5.7	5.7	5.8	5.9	5.3	1.5	3.7	5.8	5.7	5.6	5.2
FB-119	5.4	6.1	5.4	5.2	6.7	1.0	7.3	5.8	1.2	4.6	6.3	6.3	6.0	5.2
NM 375	5.7	6.2	5.4	5.6	7.1	1.0	6.6	5.2	1.0	4.0	6.1	5.8	6.0	5.1
VAMONT	5.5	5.4	5.2	5.3	6.7	3.2	5.7	4.8	2.1	4.0	5.9	5.7	5.8	5.0
NM 72	4.8	6.4	5.2	5.1	7.8	1.0	6.6	5.4	1.0	4.5	5.4	4.8	6.2	4.9
LSD VALUE	0.8	0.6	0.4	0.4	0.9	1.6	0.7	1.0	1.2	0.8	0.8	1.7	0.4	0.3

TABLE 1C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
AT THIRTEEN LOCATIONS IN THE UNITED STATES  
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/													MEAN
	AR1	AZ1	CA2	CA3	FL1	KS2	LA1	MD1	MO4	MS1	UB1	VA1	VA4	
NMS 3	4.7	6.4	5.3	5.5	6.7	1.0	6.8	5.7	1.0	3.8	5.9	5.5	6.2	5.0
NMS 4	5.6	6.3	5.5	5.3	7.2	1.0	6.2	5.1	1.2	2.7	5.8	5.0	5.9	4.8
GUYMON	5.1	6.2	4.6	5.2	6.2	6.2	5.6	4.8	2.6	2.2	5.1	3.2	3.0	4.6
NMS 1 (NUMEX-SAHARA)	4.7	4.7	5.2	5.1	4.9	1.0	6.3	5.2	1.0	2.6	5.2	4.0	5.6	4.3
NMS 2	4.9	4.5	5.1	5.1	3.8	1.0	5.4	5.3	1.0	2.4	5.4	3.8	5.4	4.1
NMS 14	4.5	4.6	4.9	4.8	4.6	1.0	5.2	4.6	1.0	2.3	4.9	4.2	5.1	4.0
AZ. COMMON	4.6	4.2	4.8	4.9	4.4	1.0	5.4	3.4	1.0	2.2	5.0	4.0	4.7	3.8
LSD VALUE	1.5	0.5	0.4	0.4	1.4	0.5	0.5	1.4	0.4	0.5	0.7	1.2	1.1	0.2

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

TABLE 2A.

MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS CULTIVARS FOR  
EACH MONTH GROWN AT THIRTEEN LOCATIONS IN THE UNITED STATES  
1990 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TIFWAY	5.0	4.2	5.7	5.7	7.0	6.3	6.6	6.9	8.0	6.7	6.8	5.7	6.3
TIFWAY II	5.0	4.5	5.2	5.5	6.9	6.2	6.3	6.9	8.0	6.7	7.2	6.0	6.3
MSB-10	5.2	4.5	5.8	6.8	7.0	6.2	6.3	6.9	7.9	6.2	6.2	5.0	6.3
A-29	4.0	4.0	4.8	5.1	6.0	6.3	6.2	5.9	6.3	5.6	4.8	4.0	6.0
E-29	4.3	4.0	5.5	5.7	6.0	6.1	6.1	5.8	6.1	5.9	4.8	4.0	6.0
MIDIRON	4.0	4.0	6.0	4.9	5.8	6.0	6.1	6.2	6.3	5.5	4.7	4.0	5.9
A-22	4.0	4.0	5.8	5.5	5.9	5.8	5.9	5.8	6.2	5.7	5.0	4.0	5.8
MSB-20	4.0	4.0	5.7	6.8	6.4	5.8	5.9	6.3	6.9	6.0	5.5	4.0	5.8
NM 43	4.0	4.0	5.3	5.4	6.3	5.7	6.0	6.4	6.7	5.8	5.2	4.0	5.8
MSB-30	4.2	4.0	5.2	6.3	5.5	5.8	6.1	6.6	7.0	5.8	5.3	3.7	5.7
TUFCOTE	4.0	4.5	5.8	5.7	6.1	5.6	5.8	6.0	6.4	5.8	5.2	4.0	5.7
TIFGREEN	4.0	4.0	5.7	5.7	6.0	5.7	5.9	6.1	6.8	5.9	5.2	4.0	5.7
CT-23	5.2	4.0	5.5	4.5	5.5	5.0	5.5	5.9	6.7	5.5	6.7	6.0	5.4
NM 507	4.7	4.0	5.5	5.8	5.8	5.5	5.7	6.3	6.6	5.0	5.0	4.0	5.4
TEXTURF 10	4.3	4.0	4.7	5.8	5.1	5.2	5.5	5.9	6.4	5.5	5.3	4.3	5.4
NM 471	4.5	4.0	5.5	5.4	5.7	5.3	5.5	6.2	6.8	5.1	6.2	4.7	5.3
RS-1	4.0	4.2	5.2	4.9	5.0	5.4	5.4	5.6	5.7	5.0	4.2	4.0	5.2
FB-119	4.5	4.0	5.7	4.6	4.9	4.8	5.5	5.9	5.9	5.0	5.2	4.3	5.2
NM 375	4.3	4.0	5.3	4.5	4.9	5.0	5.2	5.9	6.2	5.0	5.3	4.7	5.1
VAMONT	4.2	4.0	5.5	5.3	5.3	5.0	4.9	5.3	5.4	5.1	4.0	4.3	5.0
NMS 3	4.2	4.0	5.0	5.0	4.7	4.8	5.2	5.8	5.9	4.8	5.0	4.0	5.0
NM 72	3.2	4.0	5.3	5.3	5.0	4.8	5.2	5.7	6.0	4.8	4.7	3.7	4.9
NMS 4	3.8	4.0	4.8	5.1	4.7	4.8	5.1	5.6	5.9	4.5	4.8	3.7	4.8
GUYMON	4.0	3.8	4.5	3.5	4.7	4.9	4.8	4.9	5.2	4.6	3.8	4.0	4.6
NMS 1 (NUMEX-SAHARA)	4.2	4.0	4.7	3.7	4.0	4.3	4.6	5.0	5.0	4.1	4.5	4.3	4.3
NMS 2	4.0	4.0	5.0	3.4	4.0	4.1	4.2	4.7	4.9	4.3	4.7	4.0	4.1
NMS 14	4.0	4.0	4.5	3.2	3.8	4.0	4.2	4.5	5.0	4.0	4.0	3.7	4.0
AZ. COMMON	4.0	4.0	4.5	3.1	3.8	3.8	4.1	4.3	4.6	3.7	4.2	4.7	3.8
LSD VALUE	0.8	0.3	0.8	1.7	1.2	1.0	0.9	0.9	0.7	1.1	0.7	0.7	0.8

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

TABLE 2B. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS FOR EACH MONTH GROWN AT THIRTEEN LOCATIONS IN THE UNITED STATES 1990 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
TIFWAY	5.0	4.2	5.7	5.7	7.0	6.3	6.6	6.9	8.0	6.7	6.8	5.7	6.3
TIFWAY II	5.0	4.5	5.2	5.5	6.9	6.2	6.3	6.9	8.0	6.7	7.2	6.0	6.3
MSB-10	5.2	4.5	5.8	6.8	7.0	6.2	6.3	6.9	7.9	6.2	6.2	5.0	6.3
A-29	4.0	4.0	4.8	5.1	6.0	6.3	6.2	5.9	6.3	5.6	4.8	4.0	6.0
E-29	4.3	4.0	5.5	5.7	6.0	6.1	6.1	5.8	6.1	5.9	4.8	4.0	6.0
MIDIRON	4.0	4.0	6.0	4.9	5.8	6.0	6.1	6.2	6.3	5.5	4.7	4.0	5.9
A-22	4.0	4.0	5.8	5.5	5.9	5.8	5.9	5.8	6.2	5.7	5.0	4.0	5.8
MSB-20	4.0	4.0	5.7	6.8	6.4	5.8	5.9	6.3	6.9	6.0	5.5	4.0	5.8
NM 43	4.0	4.0	5.3	5.4	6.3	5.7	6.0	6.4	6.7	5.8	5.2	4.0	5.8
MSB-30	4.2	4.0	5.2	6.3	5.5	5.8	6.1	6.6	7.0	5.8	5.3	3.7	5.7
TUFCOTE	4.0	4.5	5.8	5.7	6.1	5.6	5.8	6.0	6.4	5.8	5.2	4.0	5.7
TIFGREEN	4.0	4.0	5.7	5.7	6.0	5.7	5.9	6.1	6.8	5.9	5.2	4.0	5.7
CT-23	5.2	4.0	5.5	4.5	5.5	5.0	5.5	5.9	6.7	5.5	6.7	6.0	5.4
NM 507	4.7	4.0	5.5	5.8	5.8	5.5	5.7	6.3	6.6	5.0	5.0	4.0	5.4
TEXTURF 10	4.3	4.0	4.7	5.8	5.1	5.2	5.5	5.9	6.4	5.5	5.3	4.3	5.4
NM 471	4.5	4.0	5.5	5.4	5.7	5.3	5.5	6.2	6.8	5.1	6.2	4.7	5.3
RS-1	4.0	4.2	5.2	4.9	5.0	5.4	5.4	5.6	5.7	5.0	4.2	4.0	5.2
FB-119	4.5	4.0	5.7	4.6	4.9	4.8	5.5	5.9	5.9	5.0	5.2	4.3	5.2
NM 375	4.3	4.0	5.3	4.5	4.9	5.0	5.2	5.9	6.2	5.0	5.3	4.7	5.1
VAMONT	4.2	4.0	5.5	5.3	5.3	5.0	4.9	5.3	5.4	5.1	4.0	4.3	5.0
NM 72	3.2	4.0	5.3	5.3	5.0	4.8	5.2	5.7	6.0	4.8	4.7	3.7	4.9
LSD VALUE	0.8	0.3	0.8	1.7	1.3	1.0	1.0	0.9	0.6	1.2	0.7	0.8	0.9

TABLE 2C. MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS FOR EACH MONTH GROWN AT THIRTEEN LOCATIONS IN THE UNITED STATES 1990 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/													
NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
NMS 3	4.2	4.0	5.0	5.0	4.7	4.8	5.2	5.8	5.9	4.8	5.0	4.0	5.0
NMS 4	3.8	4.0	4.8	5.1	4.7	4.8	5.1	5.6	5.9	4.5	4.8	3.7	4.8
GUYMON	4.0	3.8	4.5	3.5	4.7	4.9	4.8	4.9	5.2	4.6	3.8	4.0	4.6
NMS 1 (NUMEX-SAHARA)	4.2	4.0	4.7	3.7	4.0	4.3	4.6	5.0	5.0	4.1	4.5	4.3	4.3
NMS 2	4.0	4.0	5.0	3.4	4.0	4.1	4.2	4.7	4.9	4.3	4.7	4.0	4.1
NMS 14	4.0	4.0	4.5	3.2	3.8	4.0	4.2	4.5	5.0	4.0	4.0	3.7	4.0
AZ. COMMON	4.0	4.0	4.5	3.1	3.8	3.8	4.1	4.3	4.6	3.7	4.2	4.7	3.8
LSD VALUE	0.7	0.2	0.6	1.5	1.1	0.9	0.9	0.9	0.7	1.1	0.7	0.7	0.8

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

TABLE 3A.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS  
CULTIVARS AT THIRTEEN LOCATIONS IN THE UNITED STATES 1/  
1990 DATA

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

NAME	AR1	AZ1	CA2	CA3	FL1	KS2	IA1	MD1	MO4	MS1	UB1	VA1	VA4	MEAN
TIFWAY	1.0	1.0	2.0	2	5.0	22	3.0	1.0	5.0	3.0	5.5	9.5	3.0	1
TIFWAY II	2.0	3.0	4.0	1	3.0	13	1.5	2.0	20.0	1.0	5.5	5.5	2.0	2
MSB-10	3.5	2.0	1.0	3	1.0	12	1.5	3.0	20.0	2.0	9.5	5.5	6.0	3
A-29	6.0	10.5	15.0	16	21.0	1	11.5	11.0	8.5	10.5	7.0	1.0	24.0	4
E-29	8.0	15.0	11.0	10	18.0	2	21.0	11.0	1.0	17.0	8.0	2.5	17.0	5
MIDIRON	10.0	17.0	7.0	7	14.0	4	13.5	20.5	2.0	18.0	11.5	9.5	21.0	6
A-22	7.0	12.5	18.0	5	23.0	3	17.0	14.5	8.5	10.5	9.5	9.5	19.0	7
MSB-20	5.0	6.5	8.5	17	7.0	22	10.0	6.0	20.0	4.0	3.0	17.5	8.0	8
NM 43	9.0	6.5	13.0	9	8.0	15	8.5	7.5	20.0	5.0	2.0	9.5	14.0	9
MSB-30	14.5	10.5	3.0	8	19.5	10	11.5	4.0	6.5	7.0	13.0	15.0	1.0	10
TUFNOTE	3.5	20.0	8.5	11	10.5	11	4.0	17.5	20.0	9.0	4.0	2.5	7.0	11
TIFGREEN	11.0	8.0	10.0	14	3.0	14	13.5	9.0	20.0	6.0	1.0	12.0	9.0	12
CT-23	22.0	5.0	12.0	6	19.5	8	8.5	5.0	20.0	8.0	20.0	22.0	13.0	13
NM 507	12.5	4.0	5.0	13	3.0	22	5.0	7.5	20.0	14.5	28.0	22.0	4.5	14
TEXTURF 10	12.5	12.5	14.0	19	13.0	9	19.5	16.0	20.0	12.0	18.0	5.5	10.0	15
NM 471	16.0	9.0	6.0	4	9.0	22	6.5	13.0	20.0	16.0	27.0	19.0	4.5	16
RS-1	14.5	23.0	16.0	12	24.0	6	23.0	20.5	6.5	22.0	18.0	15.0	22.0	17
FB-119	20.0	22.0	20.0	23	17.0	22	6.5	11.0	10.0	13.0	11.5	5.5	15.5	18
NM 375	17.0	20.0	19.0	15	12.0	22	17.0	22.5	20.0	19.5	14.0	13.0	15.5	19
VAMONT	19.0	24.0	22.0	21	15.5	7	24.0	25.0	4.0	19.5	15.5	15.0	20.0	20
NMS 3	25.5	15.0	21.0	18	15.5	22	15.0	14.5	20.0	21.0	15.5	17.5	11.0	21
NM 72	24.0	15.0	23.0	26	6.0	22	17.0	17.5	20.0	14.5	21.5	22.0	12.0	22
NMS 4	18.0	18.0	17.0	20	10.5	22	22.0	24.0	11.0	23.0	18.0	20.0	18.0	23
GUYMON	21.0	20.0	28.0	22	22.0	5	25.0	26.0	3.0	27.5	24.0	28.0	28.0	24
NMS 1 (NUMEX-SAHARA)	25.5	25.0	24.0	24	25.0	22	19.5	22.5	20.0	24.0	23.0	25.5	23.0	25
NMS 2	23.0	27.0	25.0	25	28.0	22	26.5	19.0	20.0	25.0	21.5	27.0	25.0	26
NMS 14	28.0	26.0	26.0	28	26.0	22	28.0	27.0	20.0	26.0	26.0	24.0	26.0	27
AZ. COMMON	27.0	28.0	27.0	27	27.0	22	26.5	28.0	20.0	27.5	25.0	25.5	27.0	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. IF MEANS ARE TIED, THE MEAN OF THE RANKS THEY ARE TIED FOR IS USED. 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 (VEGETATIVE)  
CULTIVARS AT THIRTEEN LOCATIONS IN THE UNITED STATES 1/  
1990 DATA

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

NAME	AR1	AZ1	CA2	CA3	FL1	KS2	LA1	MD1	MO4	MS1	UB1	VA1	VA4	MEAN
TIFWAY	1.0	1.0	2.0	2	5.0	18	3.0	1.0	4.0	3.0	5.5	9.5	3.0	1
TIFWAY II	2.0	3.0	4.0	1	3.0	12	1.5	2.0	15.5	1.0	5.5	5.5	2.0	2
MSB-10	3.5	2.0	1.0	3	1.0	11	1.5	3.0	15.5	2.0	9.5	5.5	6.0	3
A-29	6.0	10.5	15.0	16	19.0	1	11.5	11.0	7.5	10.5	7.0	1.0	21.0	4
E-29	8.0	14.5	11.0	10	16.0	2	19.0	11.0	1.0	17.0	8.0	2.5	16.0	5
MIDIRON	10.0	16.0	7.0	7	13.0	4	13.5	18.5	2.0	18.0	11.5	9.5	19.0	6
A-22	7.0	12.5	17.0	5	20.0	3	16.0	14.0	7.5	10.5	9.5	9.5	17.0	7
MSB-20	5.0	6.5	8.5	17	7.0	18	10.0	6.0	15.5	4.0	3.0	17.0	8.0	8
NM 43	9.0	6.5	13.0	9	8.0	14	8.5	7.5	15.5	5.0	2.0	9.5	13.0	9
MSB-30	14.5	10.5	3.0	8	17.5	9	11.5	4.0	5.5	7.0	13.0	15.0	1.0	10
TUFNOTE	3.5	17.5	8.5	11	10.0	10	4.0	16.5	15.5	9.0	4.0	2.5	7.0	11
TIFGREEN	11.0	8.0	10.0	14	3.0	13	13.5	9.0	15.5	6.0	1.0	12.0	9.0	12
CT-23	20.0	5.0	12.0	6	17.5	7	8.5	5.0	15.5	8.0	18.0	20.0	12.0	13
NM 507	12.5	4.0	5.0	13	3.0	18	5.0	7.5	15.5	14.5	21.0	20.0	4.5	14
TEXTURF 10	12.5	12.5	14.0	18	12.0	8	18.0	15.0	15.5	12.0	16.5	5.5	10.0	15
NM 471	16.0	9.0	6.0	4	9.0	18	6.5	13.0	15.5	16.0	20.0	18.0	4.5	16
RS-1	14.5	20.0	16.0	12	21.0	5	20.0	18.5	5.5	21.0	16.5	15.0	20.0	17
FB-119	19.0	19.0	19.0	20	15.0	18	6.5	11.0	9.0	13.0	11.5	5.5	14.5	18
NM 375	17.0	17.5	18.0	15	11.0	18	16.0	20.0	15.5	19.5	14.0	13.0	14.5	19
VAMONT	18.0	21.0	20.0	19	14.0	6	21.0	21.0	3.0	19.5	15.0	15.0	18.0	20
NM 72	21.0	14.5	21.0	21	6.0	18	16.0	16.5	15.5	14.5	19.0	20.0	11.0	21

TABLE 3C.

RANKING OF MEAN TURFGRASS QUALITY RATINGS OF BERMUDAGRASS (SEEDED)  
CULTIVARS AT THIRTEEN LOCATIONS IN THE UNITED STATES 1/  
1990 DATA

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

NAME	AR1	AZ1	CA2	CA3	FL1	KS2	LA1	MD1	MO4	MS1	UB1	VA1	VA4	MEAN
NMS 3	4.5	1	2	1	2	4.5	1.0	1	5	1.0	1	1.0	1	1
NMS 4	1.0	2	1	2	1	4.5	3.0	4	2	2.0	2	2.0	2	2
GUYMON	2.0	3	7	3	3	1.0	4.0	5	1	6.5	5	7.0	7	3
NMS 1 (NUMEX-SAHARA)	4.5	4	3	4	4	4.5	2.0	3	5	3.0	4	4.5	3	4
NMS 2	3.0	6	4	5	7	4.5	5.5	2	5	4.0	3	6.0	4	5
NMS 14	7.0	5	5	7	5	4.5	7.0	6	5	5.0	7	3.0	5	6
AZ. COMMON	6.0	7	6	6	6	4.5	5.5	7	5	6.5	6	4.5	6	7

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. IF MEANS ARE TIED, THE MEAN OF THE RANKS THEY ARE TIED FOR IS USED. FOR EXAMPLE, IF TWO MEANS ARE TIED FOR THE SECOND AND THIRD RANKS, BOTH ARE ASSIGNED "2.5".

TABLE 4A. SPRING GREENUP RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

SPRING GREENUP RATINGS 1-9; 9=COMPLETELY GREEN 1/					
NAME	AR1	AZ1	FL1	MS1	MEAN
MSB-20	5.7	6.0	5.3	5.7	5.7
E-29	6.0	6.3	5.0	4.0	5.3
NM 43	5.3	6.3	4.3	5.0	5.3
A-22	5.7	7.0	3.3	4.7	5.2
TIFWAY	5.0	6.3	4.3	5.0	5.2
VAMONT	5.0	6.0	4.7	4.7	5.1
MSB-10	3.7	6.0	5.0	5.0	4.9
MIDIRON	5.3	6.3	2.7	5.0	4.8
TUFCOTE	5.7	4.7	3.0	5.7	4.8
TIFGREEN	5.0	5.3	4.3	4.3	4.8
TIFWAY II	4.0	5.0	4.7	5.0	4.7
TEXTURF 10	3.7	6.3	4.0	4.0	4.5
A-29	4.7	5.0	3.3	4.7	4.4
RS-1	5.7	5.0	2.7	4.0	4.3
FB-119	1.7	6.7	5.7	3.0	4.3
NM 507	2.0	6.7	4.3	3.7	4.2
GUYMON	5.7	5.0	3.3	2.0	4.0
NM 375	2.7	5.7	4.0	3.3	3.9
NM 72	2.0	5.3	4.3	4.0	3.9
MSB-30	1.7	7.3	2.3	4.0	3.8
NM 471	2.0	6.0	3.7	3.3	3.8
AZ. COMMON	2.7	5.0	5.0	2.0	3.7
NMS 4	2.3	5.3	2.7	2.3	3.2
NMS 1 (NUMEX-SAHARA)	3.0	4.3	3.0	2.0	3.1
NMS 14	2.7	4.7	2.3	2.0	2.9
CT-23	1.0	4.7	1.3	3.0	2.5
NMS 2	3.0	3.7	1.3	2.0	2.5
NMS 3	1.3	3.7	2.0	2.3	2.3
LSD VALUE	1.3	1.4	1.5	1.0	0.6

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

TABLE 4B. SPRING GREENUP RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	AR1	AZ1	FL1	MS1	MEAN
MSB-20	5.7	6.0	5.3	5.7	5.7
E-29	6.0	6.3	5.0	4.0	5.3
NM 43	5.3	6.3	4.3	5.0	5.3
A-22	5.7	7.0	3.3	4.7	5.2
TIFWAY	5.0	6.3	4.3	5.0	5.2
VAMONT	5.0	6.0	4.7	4.7	5.1
MSB-10	3.7	6.0	5.0	5.0	4.9
MIDIRON	5.3	6.3	2.7	5.0	4.8
TUFCOTE	5.7	4.7	3.0	5.7	4.8
TIFGREEN	5.0	5.3	4.3	4.3	4.8
TIFWAY II	4.0	5.0	4.7	5.0	4.7
TEXTURE 10	3.7	6.3	4.0	4.0	4.5
A-29	4.7	5.0	3.3	4.7	4.4
RS-1	5.7	5.0	2.7	4.0	4.3
FB-119	1.7	6.7	5.7	3.0	4.3
NM 507	2.0	6.7	4.3	3.7	4.2
NM 375	2.7	5.7	4.0	3.3	3.9
NM 72	2.0	5.3	4.3	4.0	3.9
MSB-30	1.7	7.3	2.3	4.0	3.8
NM 471	2.0	6.0	3.7	3.3	3.8
CT-23	1.0	4.7	1.3	3.0	2.5
LSD VALUE	1.2	1.3	1.6	1.1	0.7

TABLE 4C. SPRING GREENUP RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	AR1	AZ1	FL1	MS1	MEAN
GUYMON	5.7	5.0	3.3	2.0	4.0
AZ. COMMON	2.7	5.0	5.0	2.0	3.7
NMS 4	2.3	5.3	2.7	2.3	3.2
NMS 1 (NUMEX-SAHARA)	3.0	4.3	3.0	2.0	3.1
NMS 14	2.7	4.7	2.3	2.0	2.9
NMS 2	3.0	3.7	1.3	2.0	2.5
NMS 3	1.3	3.7	2.0	2.3	2.3
LSD VALUE	1.6	1.6	1.1	0.5	0.6

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

TABLE 5A. GENETIC COLOR RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/						MEAN
	AR1	AZ1	CA2	CA3	LA1	TX1	
TIFWAY II	7.3	7.3	8.0	8.0	8.7	9.0	8.1
TIFWAY	7.7	7.3	8.0	7.7	8.7	8.0	7.9
NM 375	7.0	7.3	7.3	8.0	9.0	8.3	7.8
MSB-10	7.3	7.0	8.0	8.0	8.0	7.7	7.7
NM 507	6.7	8.0	7.7	7.0	8.3	8.0	7.6
MSB-30	7.3	8.0	7.0	6.3	9.0	8.0	7.6
NM 471	6.3	7.7	7.7	7.7	8.0	8.0	7.6
TUFCOTE	6.7	6.7	6.7	6.7	7.7	8.3	7.1
NMS 3	5.7	7.0	7.0	6.7	8.0	8.0	7.1
TEXTURF 10	6.7	6.7	7.0	6.3	7.7	8.0	7.1
MIDIRON	4.0	6.7	7.7	8.3	7.3	8.0	7.0
NMS 4	6.3	6.3	6.7	6.7	8.3	7.7	7.0
A-29	6.0	6.0	7.3	7.0	7.0	7.3	6.8
A-22	5.7	5.3	6.7	7.0	7.7	8.0	6.7
MSB-20	6.3	6.7	6.7	6.7	7.0	6.7	6.7
TIFGREEN	6.3	6.3	6.7	6.3	7.0	7.3	6.7
NM 72	5.3	7.0	6.7	6.0	7.3	7.3	6.6
E-29	5.3	5.7	7.0	6.7	6.3	8.0	6.5
FB-119	5.3	6.3	6.7	6.3	7.3	7.0	6.5
GUYMON	4.7	6.0	6.7	7.0	7.3	7.3	6.5
CT-23	5.3	6.0	6.7	6.7	7.0	7.0	6.4
NM 43	5.7	6.3	6.0	5.7	8.0	6.3	6.3
NMS 1 (NUMEX-SAHARA)	5.3	5.3	5.7	5.7	8.0	7.7	6.3
NMS 2	5.3	5.3	6.0	5.7	7.0	7.3	6.1
VAMONT	5.0	5.3	6.7	6.0	7.3	6.3	6.1
RS-1	4.3	5.7	7.0	6.0	7.0	6.3	6.1
NMS 14	4.7	4.7	6.3	5.0	7.0	7.3	5.8
AZ. COMMON	5.0	4.0	5.7	5.7	7.3	7.0	5.8
LSD VALUE	1.6	1.0	0.7	0.9	0.7	0.8	0.4

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

TABLE 5B. GENETIC COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/							
NAME	AR1	AZ1	CA2	CA3	LA1	TX1	MEAN
TIFWAY II	7.3	7.3	8.0	8.0	8.7	9.0	8.1
TIFWAY	7.7	7.3	8.0	7.7	8.7	8.0	7.9
NM 375	7.0	7.3	7.3	8.0	9.0	8.3	7.8
MSB-10	7.3	7.0	8.0	8.0	8.0	7.7	7.7
NM 507	6.7	8.0	7.7	7.0	8.3	8.0	7.6
MSB-30	7.3	8.0	7.0	6.3	9.0	8.0	7.6
NM 471	6.3	7.7	7.7	7.7	8.0	8.0	7.6
TUFCOTE	6.7	6.7	6.7	6.7	7.7	8.3	7.1
TEXTURF 10	6.7	6.7	7.0	6.3	7.7	8.0	7.1
MIDIRON	4.0	6.7	7.7	8.3	7.3	8.0	7.0
A-29	6.0	6.0	7.3	7.0	7.0	7.3	6.8
A-22	5.7	5.3	6.7	7.0	7.7	8.0	6.7
MSB-20	6.3	6.7	6.7	6.7	7.0	6.7	6.7
TIFGREEN	6.3	6.3	6.7	6.3	7.0	7.3	6.7
NM 72	5.3	7.0	6.7	6.0	7.3	7.3	6.6
E-29	5.3	5.7	7.0	6.7	6.3	8.0	6.5
FB-119	5.3	6.3	6.7	6.3	7.3	7.0	6.5
CT-23	5.3	6.0	6.7	6.7	7.0	7.0	6.4
NM 43	5.7	6.3	6.0	5.7	8.0	6.3	6.3
VAMONT	5.0	5.3	6.7	6.0	7.3	6.3	6.1
RS-1	4.3	5.7	7.0	6.0	7.0	6.3	6.1
LSD VALUE	1.7	0.9	0.7	1.0	0.7	0.7	0.4

TABLE 5C. GENETIC COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/							
NAME	AR1	AZ1	CA2	CA3	LA1	TX1	MEAN
NMS 3	5.7	7.0	7.0	6.7	8.0	8.0	7.1
NMS 4	6.3	6.3	6.7	6.7	8.3	7.7	7.0
GUYMON	4.7	6.0	6.7	7.0	7.3	7.3	6.5
NMS 1 (NUMEX-SAHARA)	5.3	5.3	5.7	5.7	8.0	7.7	6.3
NMS 2	5.3	5.3	6.0	5.7	7.0	7.3	6.1
NMS 14	4.7	4.7	6.3	5.0	7.0	7.3	5.8
AZ. COMMON	5.0	4.0	5.7	5.7	7.3	7.0	5.8
LSD VALUE	1.5	1.1	0.8	0.8	0.6	1.0	0.4

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

TABLE 6A. LEAF TEXTURE RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 1/				
NAME	AR1	AZ1	LA1	MEAN
MSB-20	8.7	8.0	9.0	8.6
TIFWAY II	8.3	8.0	9.0	8.4
MSB-10	8.3	8.0	8.7	8.3
NM 43	7.7	8.0	8.7	8.1
TIFWAY	7.7	8.0	8.7	8.1
TIFGREEN	8.3	7.3	8.0	7.9
A-22	7.3	8.0	8.0	7.8
CT-23	6.3	7.7	8.3	7.4
NM 471	6.0	7.0	8.3	7.1
NM 507	6.0	7.0	8.0	7.0
TUFCOTE	7.0	6.3	7.7	7.0
NM 72	6.0	7.0	7.3	6.8
NMS 3	6.3	7.0	7.0	6.8
NMS 4	6.0	7.0	7.0	6.7
A-29	6.0	6.7	7.0	6.6
FB-119	5.7	7.0	7.0	6.6
MSB-30	6.0	6.7	7.0	6.6
NM 375	6.0	6.7	7.0	6.6
MIDIRON	6.3	6.3	7.0	6.6
TEXTURF 10	5.3	6.3	7.7	6.4
E-29	6.3	6.3	6.0	6.2
NMS 1 (NUMEX-SAHARA)	5.0	6.0	7.0	6.0
AZ. COMMON	6.3	5.3	6.0	5.9
NMS 2	4.7	5.7	6.3	5.6
RS-1	4.7	6.0	6.0	5.6
VAMONT	4.7	5.7	5.3	5.2
NMS 14	4.3	5.3	5.7	5.1
GUYMON	3.3	5.7	5.3	4.8
LSD VALUE	1.2	0.7	0.6	0.5

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

TABLE 6B. LEAF TEXTURE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	AR1	AZ1	LA1	MEAN
MSB-20	8.7	8.0	9.0	8.6
TIFWAY II	8.3	8.0	9.0	8.4
MSB-10	8.3	8.0	8.7	8.3
NM 43	7.7	8.0	8.7	8.1
TIFWAY	7.7	8.0	8.7	8.1
TIFGREEN	8.3	7.3	8.0	7.9
A-22	7.3	8.0	8.0	7.8
CT-23	6.3	7.7	8.3	7.4
NM 471	6.0	7.0	8.3	7.1
NM 507	6.0	7.0	8.0	7.0
TUFCOIE	7.0	6.3	7.7	7.0
NM 72	6.0	7.0	7.3	6.8
A-29	6.0	6.7	7.0	6.6
FB-119	5.7	7.0	7.0	6.6
MSB-30	6.0	6.7	7.0	6.6
NM 375	6.0	6.7	7.0	6.6
MIDIRON	6.3	6.3	7.0	6.6
TEXTURF 10	5.3	6.3	7.7	6.4
E-29	6.3	6.3	6.0	6.2
RS-1	4.7	6.0	6.0	5.6
VAMONT	4.7	5.7	5.3	5.2
LSD VALUE	0.8	0.6	0.6	0.4

TABLE 6C. LEAF TEXTURE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	AR1	AZ1	LA1	MEAN
NMS 3	6.3	7.0	7.0	6.8
NMS 4	6.0	7.0	7.0	6.7
NMS 1 (NUMEX-SAHARA)	5.0	6.0	7.0	6.0
AZ. COMMON	6.3	5.3	6.0	5.9
NMS 2	4.7	5.7	6.3	5.6
NMS 14	4.3	5.3	5.7	5.1
GUYMON	3.3	5.7	5.3	4.8
LSD VALUE	1.9	0.7	0.6	0.7

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

TABLE 7A. WINTER COLOR RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

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

NAME	CA2	CA3	MEAN
CT-23	5.3	4.7	5.0
MSB-10	6.3	3.0	4.7
TIFWAY II	6.3	3.0	4.7
TIFWAY	6.0	3.0	4.5
NM 507	5.7	2.3	4.0
NM 375	4.7	2.7	3.7
NM 471	4.7	2.3	3.5
FB-119	3.7	2.7	3.2
NMS 3	4.0	2.0	3.0
AZ. COMMON	3.3	2.3	2.8
NMS 4	3.7	2.0	2.8
NMS 14	3.3	2.0	2.7
NM 72	3.7	1.3	2.5
NMS 1 (NUMEX-SAHARA)	3.3	1.7	2.5
TUFCOTE	2.7	2.3	2.5
NMS 2	3.0	1.7	2.3
MSB-30	2.3	1.0	1.7
TIFGREEN	1.7	1.7	1.7
TEXTURF 10	2.0	1.3	1.7
RS-1	2.0	1.0	1.5
VAMONT	2.0	1.0	1.5
E-29	1.7	1.0	1.3
A-22	1.3	1.3	1.3
GUYMON	1.3	1.0	1.2
MSB-20	1.0	1.3	1.2
NM 43	1.0	1.3	1.2
A-29	1.0	1.0	1.0
MIDIRON	1.0	1.0	1.0
LSD VALUE	1.1	1.1	0.8

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

TABLE 7B. WINTER COLOR RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	CA2	CA3	MEAN
CT-23	5.3	4.7	5.0
MSB-10	6.3	3.0	4.7
TIFWAY II	6.3	3.0	4.7
TIFWAY	6.0	3.0	4.5
NM 507	5.7	2.3	4.0
NM 375	4.7	2.7	3.7
NM 471	4.7	2.3	3.5
FB-119	3.7	2.7	3.2
NM 72	3.7	1.3	2.5
TUFCOTE	2.7	2.3	2.5
MSB-30	2.3	1.0	1.7
TIFGREEN	1.7	1.7	1.7
TEXTURF 10	2.0	1.3	1.7
RS-1	2.0	1.0	1.5
VAMONT	2.0	1.0	1.5
E-29	1.7	1.0	1.3
A-22	1.3	1.3	1.3
MSB-20	1.0	1.3	1.2
NM 43	1.0	1.3	1.2
A-29	1.0	1.0	1.0
MIDIRON	1.0	1.0	1.0
LSD VALUE	1.0	1.2	0.8

TABLE 7C. WINTER COLOR RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	CA2	CA3	MEAN
NMS 3	4.0	2.0	3.0
AZ. COMMON	3.3	2.3	2.8
NMS 4	3.7	2.0	2.8
NMS 14	3.3	2.0	2.7
NMS 1 (NUMEX-SAHARA)	3.3	1.7	2.5
NMS 2	3.0	1.7	2.3
GUYMON	1.3	1.0	1.2
LSD VALUE	1.3	0.9	0.8

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

TABLE 8A. FROST TOLERANCE RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

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

NAME	AR1	VA4	MEAN
TIFWAY II	9.0	7.3	8.2
TUFCOTE	8.7	6.7	7.7
TIFWAY	8.7	6.3	7.5
CT-23	7.7	7.0	7.3
MSB-10	9.0	5.0	7.0
A-22	8.0	5.3	6.7
E-29	7.3	5.7	6.5
MSB-30	8.7	4.0	6.3
NM 375	4.7	7.7	6.2
NM 507	7.0	4.7	5.8
A-29	8.0	3.0	5.5
NM 471	7.3	3.7	5.5
FB-119	5.3	5.0	5.2
NMS 2	5.3	4.7	5.0
NMS 4	6.3	3.7	5.0
TEXTURF 10	6.7	3.3	5.0
AZ. COMMON	6.7	3.0	4.8
NMS 3	5.7	4.0	4.8
NMS 1 (NUMEX-SAHARA)	5.3	4.3	4.8
NMS 14	5.0	3.7	4.3
RS-1	5.0	3.3	4.2
MIDIRON	5.0	3.0	4.0
NM 72	4.3	3.7	4.0
TIFGREEN	5.7	2.3	4.0
VAMONT	2.7	5.3	4.0
GUYMON	4.7	3.0	3.8
NM 43	5.0	2.3	3.7
MSB-20	5.0	2.0	3.5
LSD VALUE	1.5	1.3	1.0

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

TABLE 8B. FROST TOLERANCE RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	AR1	VA4	MEAN
TIFWAY II	9.0	7.3	8.2
TUFCOTE	8.7	6.7	7.7
TIFWAY	8.7	6.3	7.5
CT-23	7.7	7.0	7.3
MSB-10	9.0	5.0	7.0
A-22	8.0	5.3	6.7
E-29	7.3	5.7	6.5
MSB-30	8.7	4.0	6.3
NM 375	4.7	7.7	6.2
NM 507	7.0	4.7	5.8
A-29	8.0	3.0	5.5
NM 471	7.3	3.7	5.5
FB-119	5.3	5.0	5.2
TEXTURF 10	6.7	3.3	5.0
RS-1	5.0	3.3	4.2
MIDIRON	5.0	3.0	4.0
NM 72	4.3	3.7	4.0
TIFGREEN	5.7	2.3	4.0
VAMONT	2.7	5.3	4.0
NM 43	5.0	2.3	3.7
MSB-20	5.0	2.0	3.5
LSD VALUE	1.4	1.3	1.0

TABLE 8C. FROST TOLERANCE RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	AR1	VA4	MEAN
NMS 2	5.3	4.7	5.0
NMS 4	6.3	3.7	5.0
AZ. COMMON	6.7	3.0	4.8
NMS 3	5.7	4.0	4.8
NMS 1 (NUMEX-SAHARA)	5.3	4.3	4.8
NMS 14	5.0	3.7	4.3
GUYMON	4.7	3.0	3.8
LSD VALUE	1.7	1.2	1.1

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

TABLE 9A. SPRING DENSITY RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

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

NAME	AR1	TX1	MEAN
MSB-20	9.0	8.0	8.5
TIFWAY II	8.3	8.3	8.3
NM 43	8.7	8.0	8.3
NM 507	8.3	8.0	8.2
TIFGREEN	8.3	8.0	8.2
TIFWAY	8.0	8.0	8.0
TUFCOTE	7.7	8.0	7.8
A-29	7.3	8.0	7.7
MSB-10	7.3	8.0	7.7
CT-23	6.7	8.0	7.3
E-29	6.7	8.0	7.3
NM 375	7.0	7.7	7.3
NMS 3	6.7	8.0	7.3
NM 471	6.7	7.7	7.2
MIDIRON	6.3	8.0	7.2
A-22	7.7	6.3	7.0
FB-119	6.0	8.0	7.0
RS-1	6.0	8.0	7.0
MSB-30	7.0	6.7	6.8
NMS 1 (NUMEX-SAHARA)	5.7	8.0	6.8
VAMONT	5.0	8.3	6.7
NM 72	6.0	7.3	6.7
TEXTURF 10	7.3	6.0	6.7
NMS 4	6.0	7.0	6.5
NMS 2	5.0	7.0	6.0
AZ. COMMON	5.0	6.3	5.7
NMS 14	5.0	6.3	5.7
GUYMON	3.7	6.7	5.2
LSD VALUE	1.4	1.1	0.9

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

TABLE 9B. SPRING DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/			
NAME	AR1	TX1	MEAN
MSB-20	9.0	8.0	8.5
TIFWAY II	8.3	8.3	8.3
NM 43	8.7	8.0	8.3
NM 507	8.3	8.0	8.2
TIFGREEN	8.3	8.0	8.2
TIFWAY	8.0	8.0	8.0
TUFCOTE	7.7	8.0	7.8
A-29	7.3	8.0	7.7
MSB-10	7.3	8.0	7.7
CT-23	6.7	8.0	7.3
E-29	6.7	8.0	7.3
NM 375	7.0	7.7	7.3
NM 471	6.7	7.7	7.2
MIDIRON	6.3	8.0	7.2
A-22	7.7	6.3	7.0
FB-119	6.0	8.0	7.0
RS-1	6.0	8.0	7.0
MSB-30	7.0	6.7	6.8
VAMONT	5.0	8.3	6.7
NM 72	6.0	7.3	6.7
TEXTURF 10	7.3	6.0	6.7
LSD VALUE	1.2	1.2	0.9

TABLE 9C. SPRING DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/			
NAME	AR1	TX1	MEAN
NMS 3	6.7	8.0	7.3
NMS 1 (NUMEX-SAHARA)	5.7	8.0	6.8
NMS 4	6.0	7.0	6.5
NMS 2	5.0	7.0	6.0
AZ. COMMON	5.0	6.3	5.7
NMS 14	5.0	6.3	5.7
GUYMON	3.7	6.7	5.2
LSD VALUE	2.0	0.6	1.1

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

TABLE 10A. SUMMER DENSITY RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

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

NAME	AR1	MEAN
MSB-20	9.0	9.0
TIFWAY	9.0	9.0
TIFWAY II	9.0	9.0
MSB-10	8.7	8.7
TUFCOTE	8.0	8.0
A-22	7.7	7.7
NM 375	7.7	7.7
NM 43	7.7	7.7
NM 471	7.7	7.7
NM 507	7.7	7.7
TEXTUREF 10	7.7	7.7
TIFGREEN	7.7	7.7
A-29	7.3	7.3
FB-119	7.3	7.3
MSB-30	7.0	7.0
NM 72	7.0	7.0
E-29	6.7	6.7
MIDIRON	6.7	6.7
NMS 3	6.7	6.7
NMS 4	6.7	6.7
RS-1	6.7	6.7
CT-23	6.3	6.3
AZ. COMMON	5.7	5.7
NMS 2	5.7	5.7
VAMONT	5.7	5.7
NMS 1 (NUMEX-SAHARA)	5.0	5.0
NMS 14	5.0	5.0
GUYMON	4.3	4.3
LSD VALUE	1.1	1.1

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

TABLE 10B. SUMMER DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	AR1	MEAN
MSB-20	9.0	9.0
TIFWAY	9.0	9.0
TIFWAY II	9.0	9.0
MSB-10	8.7	8.7
TUFCOTE	8.0	8.0
A-22	7.7	7.7
NM 375	7.7	7.7
NM 43	7.7	7.7
NM 471	7.7	7.7
NM 507	7.7	7.7
TEXTURF 10	7.7	7.7
TIFGREEN	7.7	7.7
A-29	7.3	7.3
FB-119	7.3	7.3
MSB-30	7.0	7.0
NM 72	7.0	7.0
E-29	6.7	6.7
MIDIRON	6.7	6.7
RS-1	6.7	6.7
CT-23	6.3	6.3
VAMONT	5.7	5.7
LSD VALUE	0.9	0.9

TABLE 10C. SUMMER DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	AR1	MEAN
NMS 3	6.7	6.7
NMS 4	6.7	6.7
AZ. COMMON	5.7	5.7
NMS 2	5.7	5.7
NMS 1 (NUMEX-SAHARA)	5.0	5.0
NMS 14	5.0	5.0
GUYMON	4.3	4.3
LSD VALUE	1.7	1.7

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

TABLE 11A. FALL DENSITY RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

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

NAME	AR1	MEAN
GUYMON	4.7	4.7
E-29	3.3	3.3
A-29	3.0	3.0
MIDIRON	2.7	2.7
NMS 2	2.7	2.7
TIFWAY	2.7	2.7
TIFWAY II	2.7	2.7
CT-23	2.3	2.3
MSB-10	2.3	2.3
NM 375	2.3	2.3
NMS 1 (NUMEX-SAHARA)	2.3	2.3
TUFCOTE	2.3	2.3
VAMONT	2.3	2.3
A-22	2.0	2.0
AZ. COMMON	2.0	2.0
FB-119	2.0	2.0
MSB-30	2.0	2.0
NM 43	2.0	2.0
NM 471	2.0	2.0
NM 507	2.0	2.0
NMS 14	2.0	2.0
NMS 3	2.0	2.0
RS-1	2.0	2.0
NM 72	1.7	1.7
NMS 4	1.7	1.7
MSB-20	1.3	1.3
TIFGREEN	1.3	1.3
TEXTUREF 10	1.0	1.0
LSD VALUE	0.9	0.9

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

TABLE 11B. FALL DENSITY RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	AR1	MEAN
E-29	3.3	3.3
A-29	3.0	3.0
MIDIRON	2.7	2.7
TIFWAY	2.7	2.7
TIFWAY II	2.7	2.7
CT-23	2.3	2.3
MSB-10	2.3	2.3
NM 375	2.3	2.3
TUFCOTE	2.3	2.3
VAMONT	2.3	2.3
A-22	2.0	2.0
FB-119	2.0	2.0
MSB-30	2.0	2.0
NM 43	2.0	2.0
NM 471	2.0	2.0
NM 507	2.0	2.0
RS-1	2.0	2.0
NM 72	1.7	1.7
MSB-20	1.3	1.3
TIFGREEN	1.3	1.3
TEXTURF 10	1.0	1.0
LSD VALUE	0.9	0.9

TABLE 11C. FALL DENSITY RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	AR1	MEAN
GUYMON	4.7	4.7
NMS 2	2.7	2.7
NMS 1 (NUMEX-SAHARA)	2.3	2.3
AZ. COMMON	2.0	2.0
NMS 14	2.0	2.0
NMS 3	2.0	2.0
NMS 4	1.7	1.7
LSD VALUE	0.9	0.9

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

TABLE 12A. PERCENT LIVING GROUND COVER (SPRING)  
RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO4	VA1	VA4	MEAN
NM 43	0.0	85.0	78.3	54.4
TIFGREEN	0.0	73.0	88.3	53.8
VAMONT	10.0	88.3	56.7	51.7
TIFWAY	1.7	73.3	76.7	50.6
TUFCOTE	0.0	73.3	76.7	50.0
MSB-10	0.0	70.0	78.3	49.4
TEXTURF 10	0.0	73.3	73.3	48.9
TIFWAY II	0.0	59.7	75.0	44.9
MSB-20	0.0	48.3	85.0	44.4
E-29	23.3	81.7	26.7	43.9
MIDIRON	10.0	93.3	26.7	43.3
A-29	1.7	88.3	33.3	41.1
RS-1	1.7	76.7	45.0	41.1
MSB-30	1.7	45.0	66.7	37.8
NM 375	0.0	73.3	36.7	36.7
A-22	0.0	80.0	28.3	36.1
NM 507	0.0	40.0	60.0	33.3
NM 72	0.0	28.3	60.0	29.4
FB-119	0.0	41.7	45.0	28.9
NMS 3	0.0	35.0	43.3	26.1
NMS 4	0.0	40.0	38.3	26.1
NM 471	0.0	23.3	53.3	25.6
NMS 1 (NUMEX-SAHARA)	0.0	25.0	48.3	24.4
CT-23	0.0	33.3	30.0	21.1
NMS 14	0.0	38.3	16.7	18.3
NMS 2	0.0	13.3	31.7	15.0
AZ. COMMON	0.0	18.3	18.3	12.2
GUYMON	6.7	20.0	5.0	10.6
LSD VALUE	13.1	34.1	9.2	12.6

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

TABLE 12B. PERCENT LIVING GROUND COVER (SPRING)  
RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO4	VA1	VA4	MEAN
NM 43	0.0	85.0	78.3	54.4
TIFGREEN	0.0	73.0	88.3	53.8
VAMONT	10.0	88.3	56.7	51.7
TIFWAY	1.7	73.3	76.7	50.6
TUFCOTE	0.0	73.3	76.7	50.0
MSB-10	0.0	70.0	78.3	49.4
TEXTURF 10	0.0	73.3	73.3	48.9
TIFWAY II	0.0	59.7	75.0	44.9
MSB-20	0.0	48.3	85.0	44.4
E-29	23.3	81.7	26.7	43.9
MIDIRON	10.0	93.3	26.7	43.3
A-29	1.7	88.3	33.3	41.1
RS-1	1.7	76.7	45.0	41.1
MSB-30	1.7	45.0	66.7	37.8
NM 375	0.0	73.3	36.7	36.7
A-22	0.0	80.0	28.3	36.1
NM 507	0.0	40.0	60.0	33.3
NM 72	0.0	28.3	60.0	29.4
FB-119	0.0	41.7	45.0	28.9
NM 471	0.0	23.3	53.3	25.6
CT-23	0.0	33.3	30.0	21.1
LSD VALUE	15.0	33.1	9.2	12.5

TABLE 12C. PERCENT LIVING GROUND COVER (SPRING)  
RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	MO4	VA1	VA4	MEAN
NMS 3	0.0	35.0	43.3	26.1
NMS 4	0.0	40.0	38.3	26.1
NMS 1 (NUMEX-SAHARA)	0.0	25.0	48.3	24.4
NMS 14	0.0	38.3	16.7	18.3
NMS 2	0.0	13.3	31.7	15.0
AZ. COMMON	0.0	18.3	18.3	12.2
GUYMON	6.7	20.0	5.0	10.6
LSD VALUE	3.5	36.9	9.2	12.9

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).

TABLE 13A. PERCENT LIVING GROUND COVER (SUMMER)  
 RATINGS OF BERMUDAGRASS CULTIVARS  
 1990 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	MO4	MEAN
MIDIRON	45.0	45.0
E-29	35.0	35.0
GUYMON	35.0	35.0
VAMONT	25.0	25.0
RS-1	11.7	11.7
TIFWAY	6.7	6.7
MSB-30	5.0	5.0
A-29	3.3	3.3
A-22	1.7	1.7
NMS 4	1.7	1.7
AZ. COMMON	0.0	0.0
CT-23	0.0	0.0
FB-119	0.0	0.0
MSB-10	0.0	0.0
MSB-20	0.0	0.0
NM 375	0.0	0.0
NM 43	0.0	0.0
NM 471	0.0	0.0
NM 507	0.0	0.0
NM 72	0.0	0.0
NMS 1 (NUMEX-SAHARA)	0.0	0.0
NMS 14	0.0	0.0
NMS 2	0.0	0.0
NMS 3	0.0	0.0
TEXTURF 10	0.0	0.0
TIFGREEN	0.0	0.0
TIFWAY II	0.0	0.0
TUFCOTE	0.0	0.0
LSD VALUE	25.2	25.2

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).

TABLE 13B. PERCENT LIVING GROUND COVER (SUMMER)  
 RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
 1990 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	MO4	MEAN
MIDIRON	45.0	45.0
E-29	35.0	35.0
VAMONT	25.0	25.0
RS-1	11.7	11.7
TIFWAY	6.7	6.7
MSB-30	5.0	5.0
A-29	3.3	3.3
A-22	1.7	1.7
CT-23	0.0	0.0
FB-119	0.0	0.0
MSB-10	0.0	0.0
MSB-20	0.0	0.0
NM 375	0.0	0.0
NM 43	0.0	0.0
NM 471	0.0	0.0
NM 507	0.0	0.0
NM 72	0.0	0.0
TEXTURF 10	0.0	0.0
TIFGREEN	0.0	0.0
TIFWAY II	0.0	0.0
TUFCOTE	0.0	0.0
LSD VALUE	27.4	27.4

TABLE 13C. PERCENT LIVING GROUND COVER (SUMMER)  
 RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
 1990 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	MO4	MEAN
GUYMON	35.0	35.0
NMS 4	1.7	1.7
AZ. COMMON	0.0	0.0
NMS 1 (NUMEX-SAHARA)	0.0	0.0
NMS 14	0.0	0.0
NMS 2	0.0	0.0
NMS 3	0.0	0.0
LSD VALUE	17.0	17.0

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).

TABLE 14A. PERCENT LIVING GROUND COVER (FALL)  
RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	MO4	MEAN
GUYMON	51.7	51.7
MIDIRON	46.7	46.7
VAMONT	43.3	43.3
E-29	41.3	41.3
RS-1	16.7	16.7
A-22	13.3	13.3
MSB-30	13.3	13.3
TIFWAY	13.3	13.3
A-29	11.7	11.7
NMS 4	3.3	3.3
FB-119	1.7	1.7
AZ. COMMON	0.0	0.0
CT-23	0.0	0.0
MSB-10	0.0	0.0
MSB-20	0.0	0.0
NM 375	0.0	0.0
NM 43	0.0	0.0
NM 471	0.0	0.0
NM 507	0.0	0.0
NM 72	0.0	0.0
NMS 1 (NUMEX-SAHARA)	0.0	0.0
NMS 14	0.0	0.0
NMS 2	0.0	0.0
NMS 3	0.0	0.0
TEXTURF 10	0.0	0.0
TIFGREEN	0.0	0.0
TIFWAY II	0.0	0.0
TUFCOTE	0.0	0.0
LSD VALUE	30.3	30.3

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).

TABLE 14B. PERCENT LIVING GROUND COVER (FALL)  
RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	MO4	MEAN
MIDIRON	46.7	46.7
VAMONT	43.3	43.3
E-29	41.3	41.3
RS-1	16.7	16.7
A-22	13.3	13.3
MSB-30	13.3	13.3
TIFWAY	13.3	13.3
A-29	11.7	11.7
FB-119	1.7	1.7
CT-23	0.0	0.0
MSB-10	0.0	0.0
MSB-20	0.0	0.0
NM 375	0.0	0.0
NM 43	0.0	0.0
NM 471	0.0	0.0
NM 507	0.0	0.0
NM 72	0.0	0.0
TEXTURF 10	0.0	0.0
TIFGREEN	0.0	0.0
TIFWAY II	0.0	0.0
TUFCOTE	0.0	0.0
LSD VALUE	32.9	32.9

TABLE 14C. PERCENT LIVING GROUND COVER (FALL)  
RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	MO4	MEAN
GUYMON	51.7	51.7
NMS 4	3.3	3.3
AZ. COMMON	0.0	0.0
NMS 1 (NUMEX-SAHARA)	0.0	0.0
NMS 14	0.0	0.0
NMS 2	0.0	0.0
NMS 3	0.0	0.0
LSD VALUE	20.5	20.5

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).

TABLE 15A. FALL COLOR (NOVEMBER) RATINGS OF BERMU DAGRASS CULTIVARS  
1990 DATA

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

NAME	AZ1	CA3	MEAN
TIFWAY II	6.7	8.0	7.3
MSB-10	6.7	7.7	7.2
NM 375	6.7	7.3	7.0
NM 471	6.0	7.7	6.8
TIFWAY	5.3	8.0	6.7
CT-23	6.0	7.0	6.5
MSB-30	6.3	6.3	6.3
TEXTURF 10	5.7	6.7	6.2
NMS 3	7.0	5.3	6.2
FB-119	5.7	6.0	5.8
NM 507	6.0	5.7	5.8
NM 72	6.7	5.0	5.8
TUFCOTE	6.3	5.0	5.7
NMS 14	5.7	5.0	5.3
A-22	4.3	6.3	5.3
E-29	4.7	5.7	5.2
AZ. COMMON	5.3	5.0	5.2
GUYMON	5.3	5.0	5.2
MIDIRON	4.3	5.7	5.0
NMS 2	5.3	4.7	5.0
NMS 4	4.7	5.3	5.0
MSB-20	5.0	4.7	4.8
VAMONT	5.0	4.7	4.8
NM 43	5.3	4.3	4.8
NMS 1 (NUMEX-SAHARA)	4.7	4.7	4.7
A-29	4.3	5.0	4.7
TIFGREEN	5.0	4.3	4.7
RS-1	4.3	.	4.3
LSD VALUE	1.2	1.0	0.8

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

TABLE 15B. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	AZ1	CA3	MEAN
TIFWAY II	6.7	8.0	7.3
MSB-10	6.7	7.7	7.2
NM 375	6.7	7.3	7.0
NM 471	6.0	7.7	6.8
TIFWAY	5.3	8.0	6.7
CT-23	6.0	7.0	6.5
MSB-30	6.3	6.3	6.3
TEXTURF 10	5.7	6.7	6.2
FB-119	5.7	6.0	5.8
NM 507	6.0	5.7	5.8
NM 72	6.7	5.0	5.8
TUFCOTE	6.3	5.0	5.7
A-22	4.3	6.3	5.3
E-29	4.7	5.7	5.2
MIDIRON	4.3	5.7	5.0
MSB-20	5.0	4.7	4.8
VAMONT	5.0	4.7	4.8
NM 43	5.3	4.3	4.8
A-29	4.3	5.0	4.7
TIFGREEN	5.0	4.3	4.7
RS-1	4.3	.	4.3
LSD VALUE	1.2	1.0	0.8

TABLE 15C. FALL COLOR (NOVEMBER) RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	AZ1	CA3	MEAN
NMS 3	7.0	5.3	6.2
NMS 14	5.7	5.0	5.3
AZ. COMMON	5.3	5.0	5.2
GUYMON	5.3	5.0	5.2
NMS 2	5.3	4.7	5.0
NMS 4	4.7	5.3	5.0
NMS 1 (NUMEX-SAHARA)	4.7	4.7	4.7
LSD VALUE	1.2	1.1	0.8

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

TABLE 16A. THATCH MEASUREMENTS OF BERMUDAGRASS CULTIVARS  
1990 DATA

THATCH MEASUREMENTS IN MILLIMETERS 1/		
NAME	CA3	MEAN
MSB-30	27.0	27.0
TIFWAY II	26.0	26.0
MSB-10	25.7	25.7
TIFWAY	24.3	24.3
NM 43	23.7	23.7
TEXTURF 10	23.3	23.3
E-29	23.0	23.0
MSB-20	23.0	23.0
MIDIRON	22.0	22.0
CT-23	21.7	21.7
NM 471	21.7	21.7
NM 507	21.7	21.7
NMS 3	21.7	21.7
A-22	21.0	21.0
NMS 4	21.0	21.0
TUFCOTE	20.7	20.7
VAMONT	20.3	20.3
AZ. COMMON	20.0	20.0
NM 72	20.0	20.0
TIFGREEN	20.0	20.0
A-29	19.7	19.7
GUYMON	19.7	19.7
NM 375	19.3	19.3
NMS 2	19.3	19.3
NMS 14	19.0	19.0
RS-1	17.0	17.0
FB-119	16.3	16.3
NMS 1 (NUMEX-SAHARA)	16.0	16.0
LSD VALUE	5.5	5.5

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

TABLE 16B. THATCH MEASUREMENTS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

THATCH MEASUREMENTS IN MILLIMETERS 1/

NAME	CA3	MEAN
MSB-30	27.0	27.0
TIFWAY II	26.0	26.0
MSB-10	25.7	25.7
TIFWAY	24.3	24.3
NM 43	23.7	23.7
TEXTURE 10	23.3	23.3
E-29	23.0	23.0
MSB-20	23.0	23.0
MIDIRON	22.0	22.0
CT-23	21.7	21.7
NM 471	21.7	21.7
NM 507	21.7	21.7
A-22	21.0	21.0
TUFCOTE	20.7	20.7
VAMONT	20.3	20.3
NM 72	20.0	20.0
TIFGREEN	20.0	20.0
A-29	19.7	19.7
NM 375	19.3	19.3
RS-1	17.0	17.0
FB-119	16.3	16.3
LSD VALUE	6.0	6.0

TABLE 16C. THATCH MEASUREMENTS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

THATCH MEASUREMENTS IN MILLIMETERS 1/

NAME	CA3	MEAN
NMS 3	21.7	21.7
NMS 4	21.0	21.0
AZ. COMMON	20.0	20.0
GUYMON	19.7	19.7
NMS 2	19.3	19.3
NMS 14	19.0	19.0
NMS 1 (NUMEX-SAHARA)	16.0	16.0
LSD VALUE	3.5	3.5

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).

TABLE 17A. PERCENT WINTER KILL RATINGS  
OF BERMUDAGRASS CULTIVARS  
1990 DATA

NAME	PERCENT WINTER KILL: LOCATIONS 1/			MEAN
	IL1	MO4	UB1	
NM 507	99.0	99.0	84.7	94.2
NM 471	99.0	99.0	81.7	93.2
CT-23	99.0	99.0	80.0	92.7
NMS 14	99.0	99.0	73.3	90.4
AZ. COMMON	99.0	99.0	70.0	89.3
NM 72	99.0	99.0	61.7	86.6
NMS 4	99.0	98.7	56.7	84.8
NMS 1 (NUMEX-SAHARA)	99.0	99.0	51.7	83.2
NMS 2	99.0	99.0	50.0	82.7
FB-119	99.0	98.7	48.3	82.0
NMS 3	99.0	99.0	45.0	81.0
MSB-30	99.0	94.3	46.7	80.0
TEXTURF 10	99.0	98.7	28.3	75.3
NM 375	99.0	99.0	26.7	74.9
TIFWAY II	99.0	99.0	23.3	73.8
MSB-10	99.0	99.0	21.7	73.2
TIFWAY	99.0	94.0	18.3	70.4
NM 43	99.0	99.0	10.0	69.3
MSB-20	99.0	99.0	8.3	68.8
TIFGREEN	99.0	99.0	8.3	68.8
A-22	99.0	97.7	0.0	65.6
RS-1	99.0	96.0	1.7	65.6
A-29	99.0	96.0	0.0	65.0
TUFCOTE	89.3	99.0	0.0	62.8
GUYMON	97.7	76.7	13.3	62.6
VAMONT	86.0	81.3	0.0	55.8
MIDIRON	99.0	67.0	0.0	55.3
E-29	99.0	59.7	0.0	52.9
LSD VALUE	8.6	24.6	23.9	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).

TABLE 17B. PERCENT WINTER KILL RATINGS  
OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

NAME	PERCENT WINTER KILL: LOCATIONS 1/			MEAN
	IL1	MO4	UB1	
NM 507	99.0	99.0	84.7	94.2
NM 471	99.0	99.0	81.7	93.2
CT-23	99.0	99.0	80.0	92.7
NM 72	99.0	99.0	61.7	86.6
FB-119	99.0	98.7	48.3	82.0
MSB-30	99.0	94.3	46.7	80.0
TEXTURF 10	99.0	98.7	28.3	75.3
NM 375	99.0	99.0	26.7	74.9
TIFWAY II	99.0	99.0	23.3	73.8
MSB-10	99.0	99.0	21.7	73.2
TIFWAY	99.0	94.0	18.3	70.4
NM 43	99.0	99.0	10.0	69.3
MSB-20	99.0	99.0	8.3	68.8
TIFGREEN	99.0	99.0	8.3	68.8
A-22	99.0	97.7	0.0	65.6
RS-1	99.0	96.0	1.7	65.6
A-29	99.0	96.0	0.0	65.0
TUFCOTE	89.3	99.0	0.0	62.8
VAMONT	86.0	81.3	0.0	55.8
MIDIRON	99.0	67.0	0.0	55.3
E-29	99.0	59.7	0.0	52.9
LSD VALUE	9.8	27.7	18.5	11.6

TABLE 17C. PERCENT WINTER KILL RATINGS  
OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

NAME	PERCENT WINTER KILL: LOCATIONS 1/			MEAN
	IL1	MO4	UB1	
NMS 14	99.0	99.0	73.3	90.4
AZ. COMMON	99.0	99.0	70.0	89.3
NMS 4	99.0	98.7	56.7	84.8
NMS 1 (NUMEX-SAHARA)	99.0	99.0	51.7	83.2
NMS 2	99.0	99.0	50.0	82.7
NMS 3	99.0	99.0	45.0	81.0
GUYMON	97.7	76.7	13.3	62.6
LSD VALUE	1.4	11.2	35.5	12.4

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).

TABLE 18A. DOLLAR SPOT RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 1/		
NAME	UB1	MEAN
FB-119	8.3	8.3
NM 507	8.3	8.3
NM 471	8.0	8.0
MSB-20	7.7	7.7
NM 43	7.7	7.7
NM 72	7.7	7.7
CT-23	7.3	7.3
NM 375	7.0	7.0
TIFWAY	6.7	6.7
TUFCOTE	6.7	6.7
MSB-30	6.3	6.3
TIFGREEN	6.3	6.3
TIFWAY II	6.3	6.3
A-29	6.0	6.0
E-29	5.7	5.7
NMS 1 (NUMEX-SAHARA)	5.7	5.7
NMS 14	5.7	5.7
NMS 3	5.7	5.7
AZ. COMMON	5.3	5.3
NMS 4	5.3	5.3
GUYMON	5.0	5.0
NMS 2	5.0	5.0
MIDIRON	4.7	4.7
VAMONT	4.7	4.7
A-22	4.3	4.3
MSB-10	3.3	3.3
TEXTURE 10	3.3	3.3
RS-1	2.7	2.7
LSD VALUE	1.5	1.5

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).

TABLE 18B. DOLLAR SPOT RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

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

NAME	UB1	MEAN
FB-119	8.3	8.3
NM 507	8.3	8.3
NM 471	8.0	8.0
MSB-20	7.7	7.7
NM 43	7.7	7.7
NM 72	7.7	7.7
CT-23	7.3	7.3
NM 375	7.0	7.0
TIFWAY	6.7	6.7
TUFCOTE	6.7	6.7
MSB-30	6.3	6.3
TIFGREEN	6.3	6.3
TIFWAY II	6.3	6.3
A-29	6.0	6.0
E-29	5.7	5.7
MIDIRON	4.7	4.7
VAMONT	4.7	4.7
A-22	4.3	4.3
MSB-10	3.3	3.3
TEXTURF 10	3.3	3.3
RS-1	2.7	2.7
LSD VALUE	1.6	1.6

TABLE 18C. DOLLAR SPOT RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

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

NAME	UB1	MEAN
NMS 1 (NUMEX-SAHARA)	5.7	5.7
NMS 14	5.7	5.7
NMS 3	5.7	5.7
AZ. COMMON	5.3	5.3
NMS 4	5.3	5.3
GUYMON	5.0	5.0
NMS 2	5.0	5.0
LSD VALUE	1.3	1.3

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).

TABLE 19A. SEEDHEAD RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

NAME	SEEDHEAD RATINGS 1-9; 9=NONE 1/		
	LA1	MS1	MEAN
MSB-30	9.0	9.0	9.0
MSB-10	8.0	8.0	8.0
TIFWAY	7.3	8.0	7.7
TUFCOTE	8.7	6.7	7.7
TIFWAY II	7.0	8.0	7.5
CT-23	6.7	6.0	6.3
TEXTURF 10	7.7	4.7	6.2
NM 43	8.0	4.3	6.2
MSB-20	7.3	4.3	5.8
TIFGREEN	7.3	4.0	5.7
E-29	7.0	4.0	5.5
A-22	6.3	4.3	5.3
MIDIRON	7.0	3.7	5.3
NMS 1 (NUMEX-SAHARA)	7.0	3.0	5.0
VAMONT	6.3	3.7	5.0
NM 471	5.7	4.0	4.8
FB-119	6.0	3.7	4.8
NM 507	5.3	4.3	4.8
AZ. COMMON	6.3	3.0	4.7
A-29	5.7	3.0	4.3
GUYMON	5.0	3.0	4.0
NM 375	5.0	3.0	4.0
NMS 14	5.0	3.0	4.0
NMS 2	5.0	3.0	4.0
NMS 3	4.3	3.3	3.8
RS-1	4.0	3.3	3.7
NMS 4	4.0	3.0	3.5
NM 72	3.3	2.3	2.8
LSD VALUE	1.7	0.8	0.9

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

TABLE 19B. SEEDHEAD RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 1/			
NAME	LA1	MS1	MEAN
MSB-30	9.0	9.0	9.0
MSB-10	8.0	8.0	8.0
TIFWAY	7.3	8.0	7.7
TUFCOTE	8.7	6.7	7.7
TIFWAY II	7.0	8.0	7.5
CT-23	6.7	6.0	6.3
TEXTURF 10	7.7	4.7	6.2
NM 43	8.0	4.3	6.2
MSB-20	7.3	4.3	5.8
TIFGREEN	7.3	4.0	5.7
E-29	7.0	4.0	5.5
A-22	6.3	4.3	5.3
MIDIRON	7.0	3.7	5.3
VAMONT	6.3	3.7	5.0
NM 471	5.7	4.0	4.8
FB-119	6.0	3.7	4.8
NM 507	5.3	4.3	4.8
A-29	5.7	3.0	4.3
NM 375	5.0	3.0	4.0
RS-1	4.0	3.3	3.7
NM 72	3.3	2.3	2.8
LSD VALUE	1.4	0.9	0.8

TABLE 19C. SEEDHEAD RATINGS OF BERMUDAGRASS (SEEDED) CULTIVARS  
1990 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 1/			
NAME	LA1	MS1	MEAN
NMS 1 (NUMEX-SAHARA)	7.0	3.0	5.0
AZ. COMMON	6.3	3.0	4.7
GUYMON	5.0	3.0	4.0
NMS 14	5.0	3.0	4.0
NMS 2	5.0	3.0	4.0
NMS 3	4.3	3.3	3.8
NMS 4	4.0	3.0	3.5
LSD VALUE	2.4	0.4	1.2

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

TABLE 20A. SCALPING RATINGS OF BERMUDAGRASS CULTIVARS  
1990 DATA

SCALPING RATINGS 1-9; 9=NONE 1/		
NAME	CA3	MEAN
MSB-30	9.0	9.0
NMS 14	9.0	9.0
RS-1	9.0	9.0
TEXTURE 10	9.0	9.0
VAMONT	9.0	9.0
GUYMON	8.7	8.7
NMS 2	8.7	8.7
TIFGREEN	8.7	8.7
E-29	8.3	8.3
NM 507	8.3	8.3
NM 72	8.3	8.3
NMS 1 (NUMEX-SAHARA)	8.3	8.3
A-29	8.0	8.0
AZ. COMMON	8.0	8.0
MSB-20	8.0	8.0
NM 43	8.0	8.0
NMS 4	8.0	8.0
MIDIRON	7.7	7.7
NM 375	7.7	7.7
NM 471	7.7	7.7
NMS 3	7.3	7.3
TUFCOTE	7.3	7.3
FB-119	7.0	7.0
TIFWAY	7.0	7.0
A-22	6.7	6.7
MSB-10	6.7	6.7
TIFWAY II	6.3	6.3
CT-23	5.7	5.7
LSD VALUE	0.9	0.9

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

TABLE 20B. SCALPING RATINGS OF BERMUDAGRASS (VEGETATIVE) CULTIVARS  
1990 DATA

SCALPING RATINGS 1-9; 9=NONE 1/

NAME	CA3	MEAN
MSB-30	9.0	9.0
RS-1	9.0	9.0
TEXTURF 10	9.0	9.0
VAMONT	9.0	9.0
TIFGREEN	8.7	8.7
E-29	8.3	8.3
NM 507	8.3	8.3
NM 72	8.3	8.3
A-29	8.0	8.0
MSB-20	8.0	8.0
NM 43	8.0	8.0
MIDIRON	7.7	7.7
NM 375	7.7	7.7
NM 471	7.7	7.7
TUFCOTE	7.3	7.3
FB-119	7.0	7.0
TIFWAY	7.0	7.0
A-22	6.7	6.7
MSB-10	6.7	6.7
TIFWAY II	6.3	6.3
CT-23	5.7	5.7
LSD VALUE	0.9	0.9

TABLE 20C. SCALPING RATINGS OF BERMUDAGRASS (SEDED) CULTIVARS  
1990 DATA

SCALPING RATINGS 1-9; 9=NONE 1/

NAME	CA3	MEAN
NMS 14	9.0	9.0
GUYMON	8.7	8.7
NMS 2	8.7	8.7
NMS 1 (NUMEX-SAHARA)	8.3	8.3
AZ. COMMON	8.0	8.0
NMS 4	8.0	8.0
NMS 3	7.3	7.3
LSD VALUE	0.9	0.9

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