

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, 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 1991

<u>State</u>	<u>Location</u>	<u>Code</u>
California	Camarillo	CA1
Florida	Gainesville	FL1
Florida	Apopka	FL2
Florida	Belle Glade	FL3
Florida	New Smyrna Beach (light shade)	FL4
Florida	Monticello	FL5
Mississippi	Mississippi State	MS1
South Carolina	Coastal	SC1
Texas	Dallas	TX1
Texas	Cleveland	TX3

1989 NATIONAL ST. AUGUSTINEGRASS TEST

Entries and Sponsors

<u>Entry No.</u>	<u>Name</u>	<u>Sponsor</u>
1	DALSA 8401	Texas A&M University - M. C. Engelke
2	FX-10	University of Florida - P. Busey
3	FX-261	University of Florida - P. Busey
4	FX-313	University of Florida - P. Busey
5	FX-33	University of Florida - P. Busey
6	FX-332	University of Florida - P. Busey
7	M1	Milberger Turf Farms Company
8	MSA-2	Mississippi State Univ. - J. Krans
9	MSA-11	Mississippi State Univ. - J. Krans
10	MSA-20	Mississippi State Univ. - J. Krans
11	S-6-71-138	O. M. Scott & Sons
12	S-6-72-107	O. M. Scott & Sons
13	S-71-2090	O. M. Scott & Sons
14	S-71-770	O. M. Scott & Sons
15	TR 6-10 (DD II)	David Doguet
16	TR 6-3 (DD I)	David Doguet
17	Bitterblue	-
18	Delmar	Elsberry Farms
19	Floralawn	-
20	Floritam	-
21	Jade	Turfgrass Associates, Inc.
22	Mercedes	Patten Seed & Turfgrass Company
23	Raleigh	-
24	Seville	-
25	Sunclipse	Pacific Sod

TABLE A.

1991 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN
THE 1989 NATIONAL ST. AUGUSTINEGRASS 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
CA1	-	-	-	-	-	-	-	-
FL1	LOAMY SAND	6.6-7.0	151-270	151-240	5.1-6.0	FULL SUN	3.1-3.5	TO PREVENT STRESS
FL2	SAND	6.6-7.0	61-150	0-150	4.1-5.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
FL3	-	6.6-7.0	0-60	0-150	-	FULL SUN	1.6-2.0	NO IRRIGATION
FL4	-	5.6-6.0	0-60	0-150	-	LIGHT SHADE	2.1-2.5	TO PREVENT DORMANCY
FL5	-	-	-	-	-	FULL SUN	-	NO IRRIGATION
MS1	SANDY CLAY LOAM	6.6-7.0	271-450	241-375	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS
SC1	SANDY LOAM	-	-	-	2.1-3.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
TX1	SILTY CLAY AND CLAY	7.6-8.5	451+	501+	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
TX3	SANDY LOAM	-	-	-	4.1-5.0	FULL SUN	2.1-2.5	ONLY DURING SEVERE STRESS

TABLE B.

LOCATIONS AND DATA COLLECTED IN 1991

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
CA1	X	X	X		X	X	X	X	X	X	X	X
FL1				X	X	X	X	X	X	X		
FL2												
FL3		X	X				X					X
FL4												
FL5												
MS1				X	X	X	X	X	X	X		
SC1									X			
TX1	X			X	X			X	X	X	X	
TX3					X				X			

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1991

LOCATION	GENETIC COLOR RATING	SPRING GREENUP RATING	LEAF TEXTURE RATING	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL
CA1									
FL1									
FL2	X		X			X			
FL3	X								
FL4	X								
FL5	X							X	
MS1		X							
SC1	X		X			X			X
TX1		X			X		X	X	X
TX3	X	X	X	X	X	X			

TABLE B. (CONTINUED)

LOCATIONS AND DATA COLLECTED IN 1991

LOCATION	FROST TOLERANCE	WINTER COLOR	PERCENT WINTER KILL	DROUGHT TOLERANCE WILTING	UNKNOWN DISEASE	UNIFORMITY	SOD REGROWTH	SEEDHEADS	SOD STRENGTH	GRAY LEAFSPOT	UNKNOWN DISEASE
CA1		X			X			X			
FL1										X	X
FL2	X	X	X								
FL3							X		X		
FL4						X					
FL5				X							
MS1								X			
SC1											
TX1	X	X	X								
TX3			X								

TABLE 1. MEAN TURFGRASS RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
AT EIGHT LOCATIONS IN THE UNITED STATES
1991 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 1/									
NAME	CA1	FL1	FL2	FL3	MS1	SC1	TX1	TX3	MEAN
FX-261	6.7	7.3	7.3	8.4	6.9	5.3	3.6	7.2	6.6
FX-332	5.6	6.9	7.3	8.4	6.5	5.3	4.9	6.8	6.5
TR 6-10 (DD-II)	5.8	7.1	6.7	8.7	6.6	6.0	2.5	7.3	6.3
* SEVILLE	5.5	7.3	6.7	8.4	6.7	5.0	3.9	7.0	6.3
S-6-72-107	6.2	6.8	7.3	8.8	6.1	5.0	3.4	6.3	6.2
FX-313	5.8	6.6	6.3	8.0	6.4	5.0	2.7	7.8	6.1
MSA-2	5.3	7.3	5.7	7.8	6.1	5.3	4.4	6.3	6.0
* MERCEDES	5.2	7.5	6.0	8.3	6.7	4.7	3.7	6.2	6.0
* JADE	6.2	7.3	6.0	7.9	6.7	4.7	2.1	6.7	5.9
MSA-11	4.8	7.7	5.7	7.6	6.2	4.3	3.9	6.2	5.8
* DELMAR	5.7	7.4	7.0	7.4	5.4	4.7	2.7	5.8	5.8
MSA-20	4.6	7.0	5.3	8.2	6.3	4.7	4.1	6.0	5.8
* BITTERBLUE	5.7	6.9	7.3	8.1	5.2	4.3	3.1	5.2	5.7
S-71-770	4.1	7.5	5.3	7.6	6.7	5.0	3.3	6.2	5.7
S-71-2090	4.0	7.2	5.3	7.4	5.9	5.0	4.2	6.0	5.6
S-6-71-138	4.4	7.2	5.7	7.3	6.0	4.7	3.8	6.0	5.6
* FLORALAWN	4.9	7.8	6.7	6.8	5.5	4.7	3.4	5.2	5.6
TR-6-3 (DD-I)	5.4	7.2	5.7	7.6	5.8	4.0	2.7	6.3	5.6
* FLORATAM	4.8	7.5	6.0	6.4	5.8	5.0	3.6	5.2	5.5
FX-33	5.7	6.4	6.3	7.6	5.2	3.7	3.8	5.7	5.5
* SUNCLIPSE	6.9	3.0	6.3	7.3	6.2	5.7	2.0	6.8	5.5
* RALEIGH	4.2	7.4	4.3	6.8	6.6	4.3	4.0	5.8	5.4
* FX-10	5.9	7.1	5.0	7.7	4.3	4.0	2.4	6.2	5.3
DALSA 8401	3.9	6.6	5.0	6.0	6.1	1.0	3.6	6.0	4.8
M-1	4.0	2.8	5.3	6.6	4.8	2.7	2.6	5.8	4.3
LSD VALUE	0.9	1.7	1.8	0.9	0.9	1.1	1.6	0.5	0.4

* COMMERCIALY AVAILABLE IN THE UNITED STATES IN 1992

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 2. MEAN TURFGRASS QUALITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS FOR EACH MONTH GROWN AT EIGHT LOCATIONS IN THE UNITED STATES 1991 DATA

NAME	TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF: MONTHS 1/												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
FX-261	3.5	6.8	7.2	5.1	6.1	7.0	7.8	7.3	6.7	6.3	4.3	7.2	6.6
FX-332	2.7	6.0	6.5	5.0	5.7	6.3	7.2	7.0	6.8	7.0	4.7	6.5	6.5
TR 6-10 (DD-II)	2.3	5.7	6.5	5.3	5.7	6.8	7.3	5.8	6.4	5.9	4.3	6.8	6.3
SEVILLE	2.3	5.5	6.0	5.3	5.8	6.2	7.2	6.8	6.7	6.7	4.7	6.5	6.3
S-6-72-107	3.2	6.2	7.0	5.0	5.6	6.3	7.0	6.2	6.2	6.3	4.8	7.2	6.2
FX-313	2.7	6.0	6.5	4.9	5.5	5.8	7.0	6.8	6.0	5.8	3.7	6.2	6.1
MSA-2	3.0	6.2	6.5	5.0	5.5	6.0	6.3	6.8	6.6	6.7	4.5	5.7	6.0
MERCEDES	3.0	6.3	6.2	5.4	5.5	5.9	7.2	6.5	6.2	6.3	4.0	5.8	6.0
JADE	2.2	5.7	6.5	4.8	5.6	6.9	7.0	6.3	6.2	6.3	4.3	6.3	5.9
MSA-11	3.0	5.8	6.2	5.0	5.4	6.0	6.7	6.4	5.9	6.4	4.2	5.5	5.8
DELMAR	3.3	6.3	7.2	4.8	5.2	6.0	6.3	5.9	5.6	5.8	3.7	6.2	5.8
MSA-20	3.3	6.2	6.2	5.0	5.3	5.6	6.3	5.9	5.9	6.4	4.0	5.3	5.8
BITTERBLUE	3.0	6.3	6.8	4.3	5.0	6.2	6.6	6.2	5.6	5.8	3.8	6.2	5.7
S-71-770	2.3	5.2	5.7	5.3	5.3	5.9	6.5	6.1	5.8	5.9	3.5	5.2	5.7
S-71-2090	3.0	5.8	5.7	5.2	5.2	5.2	6.2	6.1	6.0	5.8	3.2	4.7	5.6
S-6-71-138	2.7	5.8	6.0	4.9	4.9	5.6	6.3	6.3	5.7	5.9	3.7	5.3	5.6
FLORALAWN	2.7	5.7	5.7	4.6	4.9	6.2	6.1	5.7	6.1	6.3	3.8	6.2	5.6
TR-6-3 (DD-I)	2.3	5.5	5.8	5.2	5.0	5.7	6.5	5.9	6.0	5.8	4.2	6.0	5.6
FLORATAM	2.7	5.2	5.3	4.8	5.1	5.9	6.3	5.9	5.8	6.3	4.0	5.5	5.5
FX-33	3.2	6.2	6.2	4.6	5.4	6.0	6.3	5.3	5.6	6.0	4.5	5.7	5.5
SUNCLIPSE	2.8	6.8	7.3	3.2	4.5	5.7	5.4	5.3	5.9	4.8	4.3	6.3	5.5
RALEIGH	2.5	4.7	5.2	5.2	5.5	6.0	6.5	6.3	5.8	6.2	4.0	4.3	5.4
FX-10	2.7	5.8	6.5	4.3	5.0	5.9	6.4	5.5	5.4	5.5	3.8	5.5	5.3
DALSA 8401	2.3	4.3	4.5	5.0	5.0	5.2	5.9	5.5	5.1	5.7	3.5	4.8	4.8
M-1	2.2	5.0	4.8	3.1	3.5	3.7	4.8	4.6	4.1	3.8	3.0	5.0	4.3
LSD VALUE	1.7	2.9	2.5	2.2	1.5	1.3	1.1	1.2	1.1	1.2	2.6	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 3. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ST. AUGUSTINEGRASS
CULTIVARS AT EIGHT LOCATIONS IN THE UNITED STATES 1/
1991 DATA

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

NAME	CA1	FL1	FL2	FL3	MS1	SC1	TX1	TX3	MEAN
FX-261	2.0	9.5	2.5	4.0	1.0	4.0	11.5	3.0	1
FX-332	11.0	18.5	2.5	4.0	8.0	4.0	1.0	5.5	2
TR 6-10 (DD-II)	6.0	15.5	7.0	2.0	6.0	1.0	22.0	2.0	3
SEVILLE	12.0	9.5	7.0	4.0	3.5	8.5	6.5	4.0	4
S-6-72-107	3.0	20.0	2.5	1.0	15.0	8.5	15.0	9.0	5
FX-313	7.0	22.0	10.0	9.0	9.0	8.5	18.5	1.0	6
MSA-2	14.0	9.5	16.5	11.0	14.0	4.0	2.0	9.0	7
MERCEDES	15.0	3.5	13.0	6.0	3.5	14.5	10.0	12.5	8
JADE	4.0	9.5	13.0	10.0	3.5	14.5	24.0	7.0	9
MSA-11	18.0	2.0	16.5	15.5	11.5	19.0	6.5	12.5	10
DELMAR	9.5	7.0	5.0	18.0	21.0	14.5	18.5	20.0	11
MSA-20	19.0	17.0	20.5	7.0	10.0	14.5	4.0	16.5	12
BITTERBLUE	8.0	18.5	2.5	8.0	22.0	19.0	17.0	24.0	13
S-71-770	22.0	3.5	20.5	15.5	3.5	8.5	16.0	12.5	14
S-71-2090	23.0	12.5	20.5	17.0	17.0	8.5	3.0	16.5	15
S-6-71-138	20.0	12.5	16.5	19.5	16.0	14.5	8.5	16.5	16
FLORALAWN	16.0	1.0	7.0	21.5	20.0	14.5	14.0	24.0	17
TR-6-3 (DD-I)	13.0	14.0	16.5	13.5	18.0	21.5	20.0	9.0	18
FLORATAM	17.0	5.0	13.0	24.0	19.0	8.5	13.0	24.0	19
FX-33	9.5	23.0	10.0	13.5	23.0	23.0	8.5	22.0	20
SUNCLIPSE	1.0	24.0	10.0	19.5	11.5	2.0	25.0	5.5	21
RALEIGH	21.0	6.0	25.0	21.5	7.0	19.0	5.0	20.0	22
FX-10	5.0	15.5	23.5	12.0	25.0	21.5	23.0	12.5	23
DALSA 8401	25.0	21.0	23.5	25.0	13.0	25.0	11.5	16.5	24
M-1	24.0	25.0	20.5	23.0	24.0	24.0	21.0	20.0	25

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 4. GENETIC COLOR RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 1/							
NAME	FL2	FL3	FL4	FL5	SC1	TX3	MEAN
FX-261	7.7	9.0	8.7	6.0	5.3	8.0	7.4
FX-332	7.7	8.3	8.3	6.7	4.7	7.0	7.1
S-6-72-107	7.7	8.3	8.3	4.7	5.3	8.0	7.1
FLORATAM	6.7	7.7	7.0	8.7	5.0	7.0	7.0
TR 6-10 (DD-II)	6.7	8.3	8.3	4.7	5.0	8.0	6.8
BITTERBLUE	6.7	7.7	5.7	7.7	5.0	7.0	6.6
SEVILLE	6.0	8.3	6.3	6.7	5.0	7.3	6.6
FLORALAWN	5.3	7.7	6.3	8.0	5.0	6.7	6.5
DELMAR	7.7	6.3	5.7	5.0	5.0	8.7	6.4
FX-313	7.0	8.7	4.0	5.0	5.3	8.0	6.3
JADE	5.7	8.0	6.7	5.3	5.0	7.0	6.3
S-71-2090	5.0	6.3	8.0	5.3	5.3	7.0	6.2
SUNCLIPSE	7.0	6.0	5.7	6.0	5.3	7.0	6.2
TR-6-3 (DD-I)	6.7	8.3	4.3	4.7	5.3	7.3	6.1
FX-10	6.3	8.0	1.3	8.3	4.3	8.0	6.1
MSA-20	4.7	6.0	8.3	5.0	5.0	7.0	6.0
S-6-71-138	5.0	6.0	7.0	5.7	5.0	7.0	5.9
FX-33	5.3	7.0	4.0	7.3	5.3	6.7	5.9
MERCEDES	5.0	6.0	6.3	6.3	5.0	7.0	5.9
MSA-11	5.7	6.3	5.7	5.7	5.0	7.0	5.9
RALEIGH	5.0	5.7	6.7	5.7	5.0	7.3	5.9
MSA-2	5.0	6.0	6.0	5.0	5.0	7.0	5.7
S-71-770	4.3	5.7	6.0	5.7	5.0	7.3	5.7
DALSA 8401	5.3	4.7	6.0	5.3	.	7.0	5.7
M-1	5.0	6.3	3.3	6.0	5.0	7.0	5.4
LSD VALUE	1.5	1.5	3.7	1.1	0.6	0.5	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 5. SPRING GREENUP RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	MS1	TX1	TX3	MEAN
MERCEDES	5.3	9.0	6.0	6.8
S-71-770	5.3	9.0	6.0	6.8
TR 6-10 (DD-II)	4.3	9.0	7.0	6.8
DALSA 8401	5.0	9.0	6.0	6.7
FX-313	4.0	9.0	7.0	6.7
MSA-11	4.7	9.0	6.3	6.7
DELMAR	4.7	9.0	6.0	6.6
MSA-2	5.0	9.0	5.7	6.6
M-1	4.7	9.0	5.7	6.4
MSA-20	4.7	9.0	5.7	6.4
JADE	6.0	6.3	7.0	6.4
RALEIGH	4.3	9.0	6.0	6.4
S-71-2090	4.3	9.0	6.0	6.4
S-6-71-138	4.3	9.0	5.7	6.3
SEVILLE	3.3	9.0	6.0	6.1
FX-10	2.0	9.0	7.0	6.0
S-6-72-107	4.7	6.3	7.0	6.0
BITTERBLUE	3.0	9.0	5.7	5.9
FX-332	3.0	9.0	5.3	5.8
FLORALAWN	2.3	9.0	5.7	5.7
FX-33	2.0	9.0	6.0	5.7
TR-6-3 (DD-I)	3.7	6.3	6.3	5.4
FX-261	3.7	6.3	6.0	5.3
FLORATAM	2.0	6.3	6.0	4.8
SUNCLIPSE	4.0	3.7	6.0	4.6
LSD VALUE	1.4	3.6	0.6	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 6. LEAF TEXTURE RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	FL2	SC1	TX3	MEAN
FX-313	9.0	8.0	7.7	8.2
FX-261	8.3	6.0	7.3	7.2
SUNCLIPSE	7.7	6.7	7.0	7.1
S-6-72-107	7.7	5.7	7.3	6.9
TR 6-10 (DD-II)	7.3	5.7	7.7	6.9
SEVILLE	6.7	5.3	8.3	6.8
FX-332	7.7	5.3	7.3	6.8
JADE	6.3	6.0	8.0	6.8
TR-6-3 (DD-I)	7.3	5.3	7.7	6.8
DALSA 8401	6.0	.	7.0	6.5
MERCEDES	6.0	5.7	7.0	6.2
MSA-2	6.7	5.0	7.0	6.2
MSA-20	6.7	4.7	7.3	6.2
M-1	6.0	5.3	7.3	6.2
S-71-2090	5.3	6.0	7.3	6.2
S-71-770	5.7	5.7	7.0	6.1
MSA-11	5.7	5.3	7.0	6.0
S-6-71-138	5.3	5.0	7.0	5.8
RALEIGH	5.3	4.3	7.0	5.6
DELMAR	3.7	5.0	7.3	5.3
BITTERBLUE	3.0	4.0	8.3	5.1
FX-33	1.7	3.0	8.3	4.3
FLORATAM	1.0	3.3	8.3	4.2
FLORALAWN	1.7	3.0	7.7	4.1
FX-10	1.0	2.3	8.7	4.0
LSD VALUE	1.6	1.1	0.9	0.7

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

TABLE 7. SPRING DENSITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	TX3	MEAN
FLORALAWN	8.0	8.0
FX-332	8.0	8.0
FLORATAM	7.7	7.7
RALEIGH	7.3	7.3
SEVILLE	6.7	6.7
DALSA 8401	6.3	6.3
MSA-20	6.3	6.3
BITTERBLUE	6.0	6.0
FX-10	6.0	6.0
MSA-11	6.0	6.0
S-71-770	6.0	6.0
MSA-2	5.7	5.7
S-71-2090	5.7	5.7
S-6-71-138	5.0	5.0
SUNCLIPSE	5.0	5.0
TR 6-10 (DD-II)	5.0	5.0
FX-261	4.7	4.7
FX-313	4.7	4.7
S-6-72-107	4.7	4.7
FX-33	4.3	4.3
MERCEDES	4.3	4.3
DELMAR	3.7	3.7
JADE	2.7	2.7
TR-6-3 (DD-I)	2.7	2.7
M-1	2.0	2.0
LSD VALUE	1.9	1.9

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

TABLE 8. SUMMER DENSITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	TX1	TX3	MEAN
FX-332	7.3	8.7	8.0
FLORATAM	6.0	8.7	7.3
MSA-2	7.3	7.0	7.2
DALSA 8401	5.7	7.7	6.7
RALEIGH	5.7	7.7	6.7
S-71-2090	6.7	6.7	6.7
MSA-20	6.3	7.0	6.7
SEVILLE	5.3	8.0	6.7
FLORALAWN	4.3	8.7	6.5
S-6-72-107	5.7	7.0	6.3
MSA-11	5.3	7.3	6.3
MERCEDES	5.7	6.3	6.0
S-71-770	5.0	7.0	6.0
FX-261	5.3	6.3	5.8
S-6-71-138	5.3	6.0	5.7
BITTIERBLUE	4.0	7.0	5.5
FX-10	4.3	6.7	5.5
FX-33	5.0	5.7	5.3
SUNCLIPSE	3.5	6.3	4.9
DELMAR	3.7	5.7	4.7
FX-313	3.3	5.7	4.5
TR 6-10 (DD-II)	3.3	5.7	4.5
TR-6-3 (DD-I)	4.5	4.3	4.4
JADE	3.0	3.7	3.3
M-1	3.7	2.3	3.0
LSD VALUE	2.8	1.9	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 9. FALL DENSITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 1/				
NAME	FL2	SC1	TX3	MEAN
SUNCLIPSE	7.3	6.3	8.7	7.4
FX-261	7.0	6.0	9.0	7.3
FX-332	7.3	5.7	9.0	7.3
S-6-72-107	8.0	5.3	8.7	7.3
TR 6-10 (DD-II)	6.7	6.3	8.3	7.1
S-71-770	7.0	5.3	9.0	7.1
SEVILLE	7.3	5.0	9.0	7.1
BITTERBLUE	7.7	4.3	9.0	7.0
MERCEDES	7.3	4.7	9.0	7.0
MSA-2	7.3	5.0	8.7	7.0
FX-313	6.7	5.3	8.7	6.9
MSA-20	6.7	4.7	9.0	6.8
DELMAR	7.3	5.0	8.0	6.8
S-71-2090	6.3	5.0	9.0	6.8
FLORATAM	6.3	4.7	9.0	6.7
MSA-11	6.7	4.3	9.0	6.7
FLORALAWN	6.7	4.0	9.0	6.6
S-6-71-138	6.3	5.0	8.3	6.6
FX-33	6.7	3.7	9.0	6.4
RALEIGH	6.0	4.3	9.0	6.4
JADE	6.3	5.0	7.3	6.2
FX-10	5.0	4.3	8.7	6.0
TR-6-3 (DD-I)	6.0	4.0	7.0	5.7
DALSA 8401	5.3	1.0	9.0	5.1
M-1	5.3	4.0	5.7	5.0
LSD VALUE	1.8	1.4	1.3	0.9

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

TABLE 10. PERCENT LIVING GROUND COVER (SPRING)
RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 1/

NAME	TXL	MEAN
FX-332	35.0	35.0
MSA-20	29.0	29.0
MSA-2	25.0	25.0
S-71-2090	25.0	25.0
DALSA 8401	24.7	24.7
MSA-11	24.3	24.3
RALEIGH	21.3	21.3
FX-33	19.3	19.3
MERCEDES	15.7	15.7
S-6-71-138	15.3	15.3
S-71-770	13.3	13.3
FLORATAM	11.0	11.0
BITTERBLUE	10.3	10.3
FLORALAWN	10.3	10.3
SEVILLE	9.7	9.7
FX-261	8.7	8.7
S-6-72-107	8.3	8.3
DELMAR	5.3	5.3
TR-6-3 (DD-I)	4.3	4.3
M-1	4.0	4.0
TR 6-10 (DD-II)	4.0	4.0
SUNCLIPSE	2.7	2.7
FX-10	2.3	2.3
FX-313	2.0	2.0
JADE	1.3	1.3
LSD VALUE	19.9	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).

TABLE 11. PERCENT LIVING GROUND COVER (SUMMER)
RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 1/

NAME	FL5	TX1	MEAN
FX-332	90.0	96.0	93.0
MSA-2	86.7	95.3	91.0
FLORATAM	99.0	66.7	82.8
S-71-2090	70.0	91.0	80.5
SEVILLE	89.3	67.7	78.5
FLORALAWN	96.0	59.3	77.7
RALEIGH	83.0	69.3	76.2
BITTERBLUE	86.3	64.3	75.3
FX-261	83.3	66.0	74.7
MERCEDES	83.3	65.0	74.2
S-6-71-138	76.7	68.7	72.7
DALSA 8401	70.0	70.3	70.2
FX-33	76.7	57.7	67.2
M-1	66.7	66.0	66.3
S-71-770	73.3	57.7	65.5
MSA-20	76.7	50.0	63.3
S-6-72-107	70.0	56.7	63.3
MSA-11	80.0	42.7	61.3
FX-10	83.3	37.7	60.5
FX-313	63.3	55.0	59.2
TR 6-10 (DD-II)	76.7	41.0	58.8
DELMAR	56.7	38.3	47.5
JADE	70.0	25.0	47.5
TR-6-3 (DD-I)	46.7	42.0	44.3
SUNCLIPSE	66.7	18.7	42.7
LSD VALUE	18.8	63.7	33.2

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 12.

PERCENT LIVING GROUND COVER (FALL)
RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 1/

NAME	SC1	TX1	MEAN
FX-332	66.7	16.7	41.7
S-71-770	48.3	30.0	39.2
TR 6-10 (DD-II)	61.7	16.0	38.8
FLORATAM	51.7	23.3	37.5
MERCEDES	46.7	28.3	37.5
MSA-11	41.7	33.3	37.5
MSA-20	46.7	28.3	37.5
MSA-2	45.0	28.3	36.7
FX-33	38.3	26.7	32.5
FX-261	55.0	9.0	32.0
S-71-2090	30.0	33.3	31.7
BITTERBLUE	40.0	21.7	30.8
S-6-71-138	31.7	30.0	30.8
DELMAR	35.0	25.0	30.0
JADE	35.0	25.0	30.0
RALEIGH	28.3	31.7	30.0
S-6-72-107	41.7	18.3	30.0
SEVILLE	38.3	20.0	29.2
FX-313	41.7	14.0	27.8
FLORALAWN	35.0	16.7	25.8
FX-10	33.3	16.7	25.0
SUNCLIPSE	30.0	17.7	23.8
TR-6-3 (DD-I)	28.3	16.7	22.5
M-1	16.7	21.7	19.2
DALSA 8401	2.3	26.7	14.5
LSD VALUE	25.2	12.7	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).

TABLE 13. FROST TOLERANCE RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	FL2	TX1	MEAN
DELMAR	7.3	2.7	5.0
BITTERBLUE	6.3	2.7	4.5
FX-332	7.0	2.0	4.5
S-6-71-138	5.7	3.3	4.5
SUNCLIPSE	7.0	2.0	4.5
FX-10	6.7	2.0	4.3
FX-33	5.7	3.0	4.3
S-6-72-107	6.7	2.0	4.3
FLORATAM	6.0	2.7	4.3
S-71-2090	5.0	3.7	4.3
SEVILLE	6.3	2.3	4.3
MSA-11	4.7	3.7	4.2
FX-261	7.3	1.0	4.2
FX-313	6.3	1.7	4.0
FLORALAWN	5.7	2.0	3.8
MSA-2	4.7	3.0	3.8
TR-6-3 (DD-I)	5.7	2.0	3.8
JADE	4.7	2.7	3.7
RALEIGH	4.0	3.3	3.7
TR 6-10 (DD-II)	5.7	1.7	3.7
MSA-20	4.3	3.0	3.7
S-71-770	4.3	3.0	3.7
DALSA 8401	4.3	2.7	3.5
MERCEDES	4.0	3.0	3.5
M-1	4.0	2.7	3.3
LSD VALUE	1.8	1.4	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 14. WINTER COLOR RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	CA1	FL2	TX1	MEAN
FX-261	6.7	3.0	1.7	3.8
S-6-72-107	7.0	3.0	1.0	3.7
MSA-20	6.7	2.0	1.7	3.4
FX-332	5.3	2.7	2.0	3.3
SUNCLIPSE	5.3	3.3	1.3	3.3
TR 6-10 (DD-II)	6.3	2.7	1.0	3.3
FLORALAWN	6.3	2.0	1.7	3.3
RALEIGH	5.3	3.0	1.7	3.3
FLORATAM	5.7	2.0	2.0	3.2
M-1	5.7	2.7	1.3	3.2
BITTERBLUE	6.0	2.0	1.7	3.2
DALSA 8401	5.7	2.0	1.7	3.1
MERCEDES	5.7	2.0	1.7	3.1
MSA-11	5.7	2.0	1.7	3.1
S-6-71-138	5.7	2.0	1.7	3.1
DELMAR	5.7	1.7	1.7	3.0
FX-33	5.0	2.3	1.7	3.0
JADE	6.0	2.0	1.0	3.0
MSA-2	5.3	2.0	1.7	3.0
S-71-2090	5.3	2.0	1.7	3.0
S-71-770	5.7	2.0	1.3	3.0
TR-6-3 (DD-I)	5.7	2.0	1.0	2.9
FX-313	4.7	2.7	1.0	2.8
SEVILLE	5.3	2.0	1.0	2.8
FX-10	5.3	1.3	1.3	2.7
LSD VALUE	1.1	0.8	0.8	0.5

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

TABLE 15. PERCENT WINTER KILL RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

PERCENT WINTER KILL: LOCATIONS 1/				
NAME	FL2	TX1	TX3	MEAN
TR-6-3 (DD-I)	81.7	21.0	53.3	52.0
FX-33	80.0	21.3	43.3	48.2
SUNCLIPSE	85.0	18.3	33.3	45.6
S-6-71-138	78.3	16.3	40.0	44.9
FX-10	73.3	16.0	45.0	44.8
FLORALAWN	81.7	19.0	33.3	44.7
BITTERBLUE	86.7	0.0	46.7	44.4
FLORATAM	78.3	14.7	40.0	44.3
FX-313	78.3	19.0	33.3	43.6
FX-261	86.7	13.7	30.0	43.4
M-1	71.7	18.0	40.0	43.2
S-6-72-107	86.7	0.0	42.7	43.1
MSA-11	78.3	20.7	30.0	43.0
TR 6-10 (DD-II)	80.0	9.0	38.3	42.4
MSA-20	80.0	14.7	31.7	42.1
JADE	75.0	10.3	40.0	41.8
DELMAR	81.7	12.3	30.0	41.3
DALSA 8401	73.3	10.0	38.3	40.6
MERCEDES	81.7	9.7	28.3	39.9
RALEIGH	73.3	19.0	26.7	39.7
SEVILLE	80.0	5.7	31.7	39.1
S-71-2090	78.3	0.0	38.3	38.9
FX-332	80.0	0.3	31.7	37.3
MSA-2	76.7	0.0	35.0	37.2
S-71-770	78.3	0.0	31.7	36.7
LSD VALUE	8.7	35.4	15.2	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).

TABLE 16. DROUGHT TOLERANCE (WILTING) RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	FL5	MEAN
FLORATAM	8.0	8.0
BITTERBLUE	7.7	7.7
FLORALAWN	7.7	7.7
EX-10	7.3	7.3
EX-33	6.7	6.7
SEVILLE	4.3	4.3
MERCEDES	3.7	3.7
JADE	3.0	3.0
MSA-11	3.0	3.0
S-71-2090	3.0	3.0
EX-261	2.7	2.7
EX-332	2.7	2.7
M-1	2.7	2.7
SUNCLIPSE	2.7	2.7
DELMAR	2.3	2.3
MSA-20	2.3	2.3
S-71-770	2.3	2.3
RALEIGH	2.0	2.0
S-6-71-138	2.0	2.0
S-6-72-107	2.0	2.0
TR 6-10 (DD-II)	2.0	2.0
TR-6-3 (DD-I)	2.0	2.0
DALSA 8401	1.7	1.7
MSA-2	1.7	1.7
EX-313	1.3	1.3
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 17. DISEASE (UNKNOWN) RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	CA1	MEAN
DELMAR	9.0	9.0
FLORALAWN	9.0	9.0
FX-10	9.0	9.0
FX-261	9.0	9.0
FX-313	9.0	9.0
FX-33	9.0	9.0
FX-332	9.0	9.0
JADE	9.0	9.0
MSA-2	9.0	9.0
S-6-72-107	9.0	9.0
SEVILLE	9.0	9.0
SUNCLIPSE	9.0	9.0
TR 6-10 (DD-II)	9.0	9.0
TR-6-3 (DD-I)	9.0	9.0
BITTERBLUE	8.7	8.7
FLORATAM	8.7	8.7
RALEIGH	8.0	8.0
MSA-11	7.3	7.3
MERCEDES	7.0	7.0
MSA-20	5.7	5.7
M-1	5.3	5.3
S-6-71-138	5.3	5.3
DALSA 8401	4.7	4.7
S-71-770	4.7	4.7
S-71-2090	4.3	4.3
LSD VALUE	1.6	1.6

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

TABLE 18. UNIFORMITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

UNIFORMITY RATINGS 1-9; 9=BEST 1/		
NAME	FL4	MEAN
FX-332	8.3	8.3
FX-261	7.7	7.7
MSA-20	7.3	7.3
SEVILLE	7.0	7.0
S-71-770	6.7	6.7
FLORATAM	6.3	6.3
JADE	6.3	6.3
S-6-72-107	6.3	6.3
TR 6-10 (DD-II)	6.3	6.3
S-6-71-138	6.0	6.0
DALSA 8401	5.7	5.7
S-71-2090	5.7	5.7
BITTERBLUE	5.3	5.3
FLORALAWN	5.3	5.3
FX-313	5.3	5.3
MSA-11	5.3	5.3
MSA-2	5.3	5.3
RALEIGH	5.3	5.3
DELMAR	4.7	4.7
FX-33	4.7	4.7
MERCEDES	4.3	4.3
FX-10	3.7	3.7
SUNCLIPSE	3.7	3.7
M-1	3.0	3.0
TR-6-3 (DD-I)	3.0	3.0
LSD VALUE	2.7	2.7

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 19. SOD REGROWTH RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

SOD REGROWTH RATINGS 1-9; 9=BEST 1/

NAME	FL3	MEAN
DALSA 8401	7.7	7.7
RALEIGH	7.7	7.7
FX-332	7.3	7.3
MSA-20	7.3	7.3
MERCEDES	7.0	7.0
S-6-71-138	7.0	7.0
MSA-11	6.7	6.7
FLORATAM	6.3	6.3
MSA-2	6.3	6.3
S-71-770	6.3	6.3
FLORALAWN	6.0	6.0
S-71-2090	6.0	6.0
SUNCLIPSE	5.7	5.7
BITTERBLUE	5.3	5.3
S-6-72-107	5.3	5.3
SEVILLE	5.3	5.3
TR 6-10 (DD-II)	4.7	4.7
TR-6-3 (DD-I)	4.7	4.7
FX-10	4.3	4.3
JADE	4.3	4.3
M-1	4.3	4.3
DELMAR	3.3	3.3
FX-261	3.3	3.3
FX-33	3.3	3.3
FX-313	2.0	2.0
LSD VALUE	1.2	1.2

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

TABLE 20. SEEDHEAD RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

SEEDHEAD RATINGS 1-9; 9=NONE 1/				
NAME	CA1	MS1	MEAN	
SUNCLIPSE	6.7	8.0	7.3	
M-1	7.3	6.7	7.0	
FX-33	6.3	7.3	6.8	
BITTERBLUE	7.3	5.3	6.3	
MERCEDES	6.3	5.0	5.7	
S-71-770	5.0	6.3	5.7	
TR-6-3 (DD-I)	6.0	5.3	5.7	
FLORALAWN	4.7	6.3	5.5	
S-71-2090	4.3	6.7	5.5	
FX-10	7.0	3.7	5.3	
S-6-71-138	4.3	6.3	5.3	
FX-313	4.3	5.7	5.0	
FX-261	4.0	5.7	4.8	
DALSA 8401	4.3	5.0	4.7	
MSA-20	4.3	5.0	4.7	
FLORATAM	2.3	6.7	4.5	
MSA-11	3.7	5.3	4.5	
FX-332	1.7	6.3	4.0	
TR 6-10 (DD-II)	1.7	6.0	3.8	
DELMAR	2.0	4.7	3.3	
RALEIGH	2.0	4.7	3.3	
MSA-2	2.0	4.3	3.2	
JADE	2.0	3.3	2.7	
S-6-72-107	1.3	3.7	2.5	
SEVILLE	2.0	2.0	2.0	
LSD VALUE	3.5	1.9	2.0	

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 21. SOD STRENGTH RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

SOD STRENGTH RATINGS 1-9; 9=BEST 1/

NAME	FL3	MEAN
S-6-72-107	7.0	7.0
M-1	6.7	6.7
SUNCLIPSE	6.7	6.7
FLORALAWN	6.0	6.0
MERCEDES	6.0	6.0
S-6-71-138	6.0	6.0
S-71-2090	6.0	6.0
TR-6-3 (DD-I)	6.0	6.0
DALSA 8401	5.7	5.7
DELMAR	5.7	5.7
MSA-20	5.7	5.7
RALEIGH	5.7	5.7
S-71-770	5.7	5.7
TR 6-10 (DD-II)	5.7	5.7
FX-261	5.3	5.3
FX-332	5.3	5.3
JADE	5.3	5.3
FX-313	5.0	5.0
MSA-11	5.0	5.0
MSA-2	5.0	5.0
BITTERBLUE	4.7	4.7
FLORATAM	4.7	4.7
SEVILLE	4.7	4.7
FX-33	4.3	4.3
FX-10	4.0	4.0
LSD VALUE	1.0	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 22. GRAY LEAFSPOT RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

GRAY LEAFSPOT RATINGS 1-9; 9=NO DISEASE 1/

NAME	FL1	MEAN
JADE	8.3	8.3
SEVILLE	8.3	8.3
TR 6-10 (DD-II)	8.3	8.3
TR-6-3 (DD-I)	8.3	8.3
DALSA 8401	8.0	8.0
EX-332	8.0	8.0
M-1	8.0	8.0
MERCEDES	8.0	8.0
MSA-2	8.0	8.0
RALEIGH	8.0	8.0
S-6-71-138	8.0	8.0
DELMAR	7.7	7.7
EX-313	7.7	7.7
EX-10	7.3	7.3
MSA-11	7.3	7.3
MSA-20	7.3	7.3
S-6-72-107	7.3	7.3
S-71-2090	7.3	7.3
S-71-770	7.3	7.3
BITTERBLUE	7.0	7.0
FLORALAWN	6.7	6.7
FLORATAM	6.7	6.7
EX-261	6.7	6.7
EX-33	6.3	6.3
SUNCLIPSE	5.0	5.0
LSL VALUE	1.6	1.6

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

TABLE 23. DISEASE (UNKNOWN) RATINGS OF ST. AUGUSTINEGRASS CULTIVARS
1991 DATA

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

NAME	FL1	MEAN
BITTERBLUE	9.0	9.0
DALSA 8401	9.0	9.0
DELMAR	9.0	9.0
FLORALAWN	9.0	9.0
FLORATAM	9.0	9.0
EX-10	9.0	9.0
EX-261	9.0	9.0
EX-313	9.0	9.0
TR-6-3 (DD-I)	9.0	9.0
EX-332	9.0	9.0
JADE	9.0	9.0
M-1	9.0	9.0
MERCEDES	9.0	9.0
MSA-11	9.0	9.0
MSA-2	9.0	9.0
MSA-20	9.0	9.0
RALEIGH	9.0	9.0
S-71-2090	9.0	9.0
S-71-770	9.0	9.0
S-6-71-138	9.0	9.0
S-6-72-107	9.0	9.0
SEVILLE	9.0	9.0
SUNCLIPSE	9.0	9.0
TR-6-10 (DD-II)	9.0	9.0
EX-33	5.0	5.0
LSD VALUE	0.5	0.5

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