

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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1996 NATIONAL ST. AUGUSTINEGRASS TEST

LOCATIONS SUBMITTING DATA FOR 1998

<u>State</u>	<u>Location</u>	<u>Code</u>
Alabama	Auburn	AL1
Arizona	Tucson	AZ1
Florida	Gainesville	FL1
Mississippi	Mississippi State	MS1
North Carolina	Raleigh	NC1
Texas	College Station	TX2

1996 National St. Augustinegrass Test

Entries and Sponsors

Entry No.	Name	Sponsor
1	Delmar	Standard entry
2	Raleigh	Standard entry
3	6-89-70	The Scotts Company
4	6-89-174	The Scotts Company
5	6-89-175	The Scotts Company
6	6-89-194	The Scotts Company
7	6-89-196	The Scotts Company
8	Floritam	Standard entry

TABLE A. 1998 LOCATIONS, SITE DESCRIPTIONS AND MANAGEMENT PRACTICES IN THE 1996 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
AL1	SANDY LOAM	6.1-6.5	61-150	241-375	6.1-7.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
AZ1	SANDY LOAM	7.6-8.5	0-60	241-375	1.1-2.0	FULL SUN	1.6-2.0	TO PREVENT STRESS
FL1	LOAMY SAND	7.1-7.5	271-450	151-240	3.1-4.0	FULL SUN	2.1-2.5	TO PREVENT STRESS
MS1	SANDY CLAY LOAM	6.6-7.0	151-270	241-375	4.1-5.0	FULL SUN	2.6-3.0	TO PREVENT DORMANCY
NC1	SANDY CLAY LOAM	5.6-6.0	61-150	0-150	2.1-3.0	-	2.1-2.5	TO PREVENT STRESS
TX2	SANDY LOAM	7.6-8.5	0-60	0-150	3.1-4.0	FULL SUN	2.6-3.0	TO PREVENT STRESS

TABLE B. LOCATIONS AND DATA COLLECTED IN 1998

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
AL1			X	X	X	X	X	X	X	X	X	X	X	X	X
AZ1				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
MS1				X	X	X	X	X	X	X	X		X	X	X
NC1					X	X	X	X	X	X	X		X	X	X
TX2				X	X	X	X	X	X	X	X		X	X	X

TABLE B. (CONT'D) LOCATIONS AND DATA COLLECTED IN 1998

LOCATION	SPRING DENSITY	SUMMER DENSITY	FALL DENSITY	PERCENT COVER SPRING	PERCENT COVER SUMMER	PERCENT COVER FALL	WINTER COLOR	PERCENT WINTER KILL	LEAF SPOT	BROWN PATCH	HERBICIDE (ASULAM) RESPONSE
AL1				X	X	X	X	X			X
AZ1	X	X	X								
FL1	X	X	X	X	X	X	X				
MS1											
NC1	X	X	X	X	X	X					
TX2	X	X	X	X	X	X		X	X	X	

TABLE 1. MEAN TURFGRASS QUALITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS GROWN AT SIX LOCATIONS IN THE U.S. 1/
1998 DATA

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

NAME	AL1	AZ1	FL1	MS1	NC1	TX2	MEAN
6-89-70	5.7	5.5	5.2	6.4	5.1	4.8	5.5
* DELMAR	4.0	6.2	5.6	7.0	4.1	5.4	5.4
6-89-175	3.5	6.8	4.6	5.7	6.1	5.4	5.3
* RALEIGH	5.1	5.1	5.3	6.5	4.5	4.9	5.2
* FLORATAM	5.1	5.0	5.2	5.6	4.0	4.4	4.9
6-89-196	2.7	7.0	2.5	5.0	6.6	4.3	4.7
6-89-194	3.4	6.2	3.0	4.9	4.6	4.3	4.4
6-89-174	3.3	6.3	2.9	3.8	3.3	4.3	4.0
LSD VALUE	1.2	0.7	0.8	1.1	0.6	1.0	0.4
C.V. (%)	18.2	7.0	11.0	11.8	7.4	13.7	11.5

* COMMERCIALY AVAILABLE IN THE USA IN 1999.

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS FOR EACH MONTH GROWN AT SIX LOCATIONS IN THE U.S. 1/
1998 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
6-89-70	3.3	4.0	4.3	4.6	5.2	6.0	6.1	6.1	5.8	5.9	5.2	4.3	5.5
DELMAR	3.3	3.7	3.5	4.9	5.7	5.9	5.8	5.6	5.7	5.6	4.9	5.0	5.4
6-89-175	4.0	4.0	4.8	4.3	4.8	5.7	5.3	5.7	5.7	5.5	5.1	3.5	5.3
RALEIGH	4.3	4.0	4.0	4.7	5.4	5.7	5.4	5.8	5.4	5.4	4.8	4.8	5.2
FLORATAM	3.0	3.7	3.5	4.2	5.1	5.4	5.3	5.1	5.2	5.0	4.7	6.0	4.9
6-89-196	2.3	2.3	3.8	3.3	4.2	5.0	4.7	4.9	5.0	5.1	4.3	1.2	4.7
6-89-194	3.0	3.3	4.3	4.3	4.7	4.8	4.2	4.1	4.4	4.4	3.9	1.7	4.4
6-89-174	2.7	3.3	4.0	4.0	3.9	4.3	4.1	3.9	4.1	4.1	3.1	1.8	4.0
LSD VALUE	0.9	1.1	1.2	0.9	0.9	0.8	1.0	0.9	1.0	1.1	1.2	1.6	0.8
C.V. (%)	17.8	19.1	25.8	30.5	27.9	23.2	29.6	26.1	29.1	32.0	36.0	40.1	23.6

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 3. RANKING OF MEAN TURFGRASS QUALITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS GROWN AT SIX LOCATIONS IN THE U.S. 1/
1998 DATA

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

NAME	AL1	AZ1	FL1	MS1	NC1	TX2	MEAN
6-89-70	1	6	3	3	3	4.0	1
DELMAR	4	5	1	1	6	1.5	2
6-89-175	5	2	5	4	2	1.5	3
RALEIGH	3	7	2	2	5	3.0	4
FLORATAM	2	8	4	5	7	5.0	5
6-89-196	8	1	8	6	1	8.0	6
6-89-194	6	4	6	7	4	6.5	7
6-89-174	7	3	7	8	8	6.5	8

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 1/
1998 DATA

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

NAME	AL1	AZ1	FL1	MS1	NC1	TX2	MEAN
6-89-196	5.7	8.0	7.7	7.7	6.0	6.0	6.8
6-89-175	4.7	7.7	7.0	7.0	6.0	6.3	6.4
6-89-174	5.7	7.3	4.7	6.3	8.0	5.3	6.2
DELMAR	3.7	6.7	6.0	7.7	7.3	5.7	6.2
6-89-70	6.3	5.7	6.3	7.3	5.3	5.7	6.1
RALEIGH	4.0	6.0	4.7	7.0	6.7	5.0	5.6
FLORATAM	2.7	6.3	5.7	6.7	7.3	4.0	5.4
6-89-194	4.3	7.3	4.7	6.7	4.0	5.0	5.3
LSD VALUE	1.6	0.8	0.8	1.0	1.2	1.6	0.5
C.V. (%)	22.1	7.3	8.6	8.7	11.6	19.0	12.7

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 5. SPRING GREENUP RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

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

NAME	AL1	AZ1	FL1	MS1	NC1	TX2	MEAN
DELMAR	3.3	6.3	5.0	6.0	6.0	4.0	5.1
6-89-175	2.0	7.0	4.7	6.0	5.7	4.3	4.9
6-89-196	3.0	7.3	3.3	5.0	6.3	4.0	4.8
RALEIGH	3.0	5.7	5.3	5.0	6.3	3.7	4.8
6-89-174	3.7	7.7	4.0	4.7	4.7	2.7	4.6
FLORATAM	2.3	6.3	5.0	4.0	5.3	2.7	4.3
6-89-194	2.7	7.0	4.7	5.0	2.0	2.7	4.0
6-89-70	2.7	5.3	5.0	4.7	3.7	2.0	3.9
LSD VALUE	2.8	1.1	1.7	0.7	1.7	1.8	0.7
C.V. (%)	60.7	10.7	23.4	9.1	21.2	33.8	24.0

TABLE 6. LEAF TEXTURE RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

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

NAME	AL1	AZ1	FL1	MS1	NC1	TX2	MEAN
6-89-196	8.7	8.0	8.7	7.3	5.0	8.0	7.6
6-89-175	7.3	7.7	8.0	7.0	5.3	7.0	7.1
6-89-174	4.7	7.0	7.3	6.7	7.0	7.0	6.6
6-89-194	6.7	6.7	7.0	6.7	4.0	7.0	6.3
6-89-70	4.0	5.3	6.7	6.0	5.0	5.7	5.4
DELMAR	3.0	6.0	5.0	5.3	6.3	5.0	5.1
RALEIGH	2.3	5.0	5.0	6.0	6.7	5.0	5.0
FLORATAM	1.3	5.0	1.7	4.0	6.3	4.0	3.7
LSD VALUE	1.5	0.6	1.0	0.7	0.7	0.7	0.4
C.V. (%)	19.7	5.6	10.5	6.7	7.2	6.7	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 7. SPRING DENSITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AZ1	FL1	NC1	TX2	MEAN
6-89-175	5.5	7.0	5.3	6.0	6.0
6-89-196	6.7	6.7	5.3	4.7	5.8
6-89-174	6.7	5.3	5.0	6.0	5.8
RALEIGH	5.0	6.0	6.0	5.7	5.7
6-89-70	5.3	7.0	4.3	6.0	5.7
DELMAR	6.3	6.0	4.7	5.3	5.6
6-89-194	6.3	4.7	3.0	6.7	5.2
FLORATAM	5.0	6.0	5.0	4.3	5.1
LSD VALUE	1.3	0.8	1.2	1.1	0.6
C.V. (%)	13.8	8.2	15.2	12.1	12.3

TABLE 8. SUMMER DENSITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

DENSITY RATINGS 1-9; 9=MAXIMUM DENSITY 2/					
NAME	AZ1	FL1	NC1	TX2	MEAN
6-89-196	8.0	7.0	7.0	8.3	7.6
6-89-175	7.3	7.3	6.7	7.7	7.3
6-89-70	5.3	7.7	6.0	6.7	6.4
6-89-174	7.0	5.0	5.0	7.7	6.2
DELMAR	6.3	7.0	5.7	5.7	6.2
6-89-194	6.7	4.7	5.0	7.7	6.0
RALEIGH	5.3	6.3	6.3	5.0	5.8
FLORATAM	5.0	6.0	6.3	4.0	5.3
LSD VALUE	0.7	1.2	1.0	1.0	0.5
C.V. (%)	7.2	11.5	10.8	9.3	9.8

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 9. FALL DENSITY RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

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

NAME	AZ1	FL1	NC1	TX2	MEAN
6-89-175	8.7	7.0	6.3	7.3	7.3
6-89-196	9.0	4.7	7.0	8.0	7.2
6-89-70	6.0	7.0	6.0	6.0	6.3
DELMAR	6.7	6.7	4.0	6.0	5.8
6-89-194	7.3	2.7	5.7	7.3	5.8
RALEIGH	6.0	6.3	4.3	5.7	5.6
6-89-174	7.3	4.3	3.3	6.7	5.4
FLORATAM	6.0	5.0	3.3	4.3	4.7
LSD VALUE	0.7	1.5	0.9	0.9	0.5
C.V. (%)	5.7	16.7	11.5	9.0	10.8

TABLE 10. PERCENT LIVING GROUND COVER (SPRING) RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

PERCENT LIVING GROUND COVER IN SPRING: LOCATIONS 2/

NAME	AL1	FL1	NC1	TX2	MEAN
RALEIGH	80.0	87.3	43.3	88.3	74.8
FLORATAM	76.7	90.3	40.0	73.3	70.1
DELMAR	56.7	88.0	43.3	85.7	68.4
6-89-175	70.0	58.3	43.3	91.7	65.8
6-89-70	75.0	67.7	43.3	73.3	64.8
6-89-194	63.3	46.7	30.0	84.3	56.1
6-89-174	63.3	43.7	36.7	78.3	55.5
6-89-196	50.0	21.3	53.3	70.0	48.7
LSD VALUE	22.3	34.1	8.0	13.9	10.9
C.V. (%)	20.7	33.7	12.0	10.7	21.6

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 11. PERCENT LIVING GROUND COVER (SUMMER) RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

PERCENT LIVING GROUND COVER IN SUMMER: LOCATIONS 2/

NAME	AL1	FL1	NC1	MEAN
FLORATAM	96.0	91.3	60.0	82.4
RALEIGH	89.3	90.0	63.3	80.9
6-89-70	99.0	75.3	60.0	78.1
DELMAR	76.3	85.7	56.7	72.9
6-89-175	26.7	60.3	66.7	51.2
6-89-194	40.0	52.7	50.0	47.6
6-89-174	33.3	49.3	43.3	42.0
6-89-196	23.3	27.0	70.0	40.1
LSD VALUE	22.2	33.2	13.1	14.0
C.V. (%)	22.8	31.0	13.9	24.3

TABLE 12. PERCENT LIVING GROUND COVER (FALL) RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

PERCENT LIVING GROUND COVER IN FALL: LOCATIONS 2/

NAME	AL1	FL1	NC1	TX2	MEAN
RALEIGH	99.0	93.0	88.3	96.0	94.1
FLORATAM	99.0	97.0	86.7	93.0	93.9
6-89-70	92.7	77.3	98.3	92.7	90.3
DELMAR	75.0	88.7	88.3	97.7	87.4
6-89-175	65.0	60.0	98.7	95.0	79.7
6-89-194	31.7	35.0	99.0	92.7	64.6
6-89-196	31.7	9.7	99.0	99.0	59.8
6-89-174	36.7	29.0	76.7	93.3	58.9
LSD VALUE	35.2	28.8	11.5	8.1	11.9
C.V. (%)	32.9	29.2	7.8	5.3	18.8

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 13. WINTER COLOR RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

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

NAME	AL1	FL1	MEAN
6-89-175	4.3	6.7	5.5
DELMAR	4.3	5.7	5.0
6-89-174	2.7	6.7	4.7
6-89-196	1.7	7.7	4.7
6-89-70	3.3	5.7	4.5
FLORATAM	3.7	5.0	4.3
RALEIGH	3.3	4.0	3.7
6-89-194	2.0	5.3	3.7
LSD VALUE	2.4	1.0	1.3
C.V. (%)	47.8	10.5	25.7

TABLE 14. PERCENT WINTER KILL RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

PERCENT WINTER KILL RATINGS: LOCATIONS 2/

NAME	AL1	TX2	MEAN
6-89-174	40.0	18.3	29.2
6-89-196	46.7	10.0	28.3
FLORATAM	30.0	25.0	27.5
DELMAR	46.7	7.7	27.2
6-89-194	33.3	11.7	22.5
RALEIGH	31.7	10.0	20.8
6-89-70	20.0	18.3	19.2
6-89-175	26.7	6.7	16.7
LSD VALUE	23.4	10.5	12.8
C.V. (%)	42.3	48.6	47.1

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 15. LEAF SPOT RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

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

NAME	TX2
FLORATAM	9.0
6-89-194	8.7
6-89-196	8.7
6-89-70	8.7
DELMAR	8.3
RALEIGH	8.0
6-89-175	7.0
6-89-174	6.7
LSD VALUE	1.2
C.V. (%)	9.4

TABLE 16. BROWN PATCH RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	TX2
6-89-196	9.0
6-89-174	8.3
6-89-194	7.3
DELMAR	7.3
6-89-175	7.0
6-89-70	6.7
RALEIGH	6.7
FLORATAM	5.7
LSD VALUE	1.4
C.V. (%)	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 17. HERBICIDE (ASULAM) RESPONSE RATINGS OF ST. AUGUSTINEGRASS CULTIVARS 1/
1998 DATA

HERBICIDE (ASULAM) RESPONSE RATINGS 1-9; 9=NO PURPLING 2/

NAME	AL1
6-89-70	9.0
FLORATAM	9.0
DELMAR	8.7
RALEIGH	8.7
6-89-194	8.0
6-89-175	7.7
6-89-196	6.3
6-89-174	6.0
LSD VALUE	1.2
C.V. (%)	9.3

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.