

# University of GA Coop Ext Service

Tall Fescue Control with MON 44951

Trial ID: Turf3902

Study Dir.: Bill Nutt

Location: Griffin

Investigator: Tim R Murphy

## GENERAL TRIAL INFORMATION

Investigator: Tim R Murphy

Title: Weed Scientist

Affiliation: UGA CAES

Study Director: Bill Nutt

Title: ARCI

Affiliation: UGA CAES

## TRIAL LOCATION

City: Griffin

Trial Status:

ARCHIVED

State/Prov.: GA Postal Code: 30223

Initiation Date:

5-10-2002

## COOPERATOR/LANDOWNER

Cooperator: Wayne Crawford

Org:

UGA-CAES

## CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	FESAR	TALL FESCUE	<i>FESTUCA ARUNDINACEA</i>
2.	LAMAM	HENBIT	<i>LAMIUM AMPLEXICAULE L.</i>
3.	ALLVI	GARLIC, WILD	<i>ALLIUM VINEALE L.</i>
4.	APHAR	PIERT, PARSLEY	<i>APHANES ARVENSIS L.</i>
5.	VIORA	JUMPUP, JOHNNY	<i>VIOLA RAFINESQUIL GREENE</i>
6.	VERAR	SPEEDWELL, CORN	<i>VERONICA ARVENSIS L.</i>

**Crop 1:** CYNDA BERMUDAGRASS/*CYNODON DACTYLON* **Variety:** COMMON **Perennial Age:** 20 years

## SITE AND DESIGN

Plot Width, Unit: 6 FT Plot Length, Unit: 15 FT Reps: 3

Site Type: Simulated home lawn

Study Design: RANDOMIZED COMPLETE BLOCK

## MAINTENANCE

Field Prep./Maintenance: Site mowed 1 time per week at 2.0 inch clipping height.

## APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	5-10-2002	7-15-2002	10-1-2002	11-21-2002
Time of Day:	9:00 am	10-30 a.m	2:30 pm	2:30 pm
Application Method:	Broadcast	Broadcast	Broadcast	Broadcast
Application Timing:	Post	Post	Post	Post
Applic. Placement:	Foliar	Foliar	Foliar	Foliar
Air Temp., Unit:	78 F	81 F	84 F	66 F
% Relative Humidity:	77	82	62	70
Wind Velocity, Unit:	1 mph	4.4 MPH	2.5 MPH	3 MPH
Dew Presence (Y/N):	Y	Y	N	N
Soil Temp., Unit:	72 F	81 F	80 F	62 F
Soil Moisture:	Fair	fair	Good	High
% Cloud Cover:	10	30	50	40

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CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	CYNDA	CYNDA	CYNDA	CYNDA 20% Dormant
Height, Unit:	2.5 inch	3.5 inch	3.0 inch	2.5 inch

WEED STAGE AT EACH APPLICATION

	A	B	C	D
Weed 1 Code, Stage:	FESAR	FESAR	FESAR	FESAR Active Growth
Stage Scale:	2.5"Hght	4.0"Hght	3.0"Hght	3-4"Hght

APPLICATION EQUIPMENT

	A	B	C	D
Appl. Equipment:	Backpack	Backpack	Backpack	Backpack
Operating Pressure:	26 psi	26 psi	26 psi	26 psi
Nozzle Type:	flat fan	flat fan	flat fan	flat fan
Nozzle Size:	8004 VS	8004 VS	8004 VS	8004 VS
Nozzle Spacing, Unit:	20 inch	20 inch	20 inch	20 inch
Boom Length, Unit:	5 feet	5 feet	5 feet	5 feet
Boom Height, Unit:	20 inch	20 inch	20 inch	20 inch
Ground Speed, Unit:	3 mph	3 mph	3 mph	3 mph
Carrier:	Water	Water	Water	Water
Spray Volume, Unit:	25 gpa	25 gpa	25 gpa	25 gpa
Propellant:	C02	C02	C02	C02
Tank Mix (Y/N):	N	N	Y	Y

Trial Comments

5-7-02  
 Initial tall fescue and bermudagrass density recorded.  
 7-11-02, 7-22-02, 10-17-02.  
 No bermudagrass injury observed.  
 10-17-02  
 Test site under drought stress majority of summer months. Supplemental irrigation periodically applied with hose-reel irrigation system.  
 12-3-02  
 Sprayed entire area with Trimec Classic at 4 pints/A with .25% v/v NIS 25 GPA with 10 ft boom using cub tractor.  
 1-28-03  
 Sprayed entire area with Trimec Classic at 4 pints/A + 0.25% v/v NIS 25 GPA. Used Cushman sprayer at 25 GPA.

PLOT DENSITY RATINGS FOR CONTROL CHECK

	111	208	306
ALLVI,3-11-03	10	15	15
APHAR	25	10	15
VIORA	5	10	25
VERAR	25	20	20
FESAR,5-12-03	30	25	20

## University of GA Coop Ext Service

## Tall Fescue Control with MON 44951

Trial ID: Turf3902

Study Dir.: Tim R Murphy

Location: Griffin

Investigator: Tim R Murphy

Weed Code	FESAR	FESAR	FESAR	FESAR						
Crop Code										
Rating Data Type	Density	Density	Density	Density						
Rating Unit	0-100	0-100	0-100	0-100						
Rating Date	5-10-2002	10-1-2002	11-21-2002	1-29-2003						
Trt-Eval Interval	0 DA-A	144 DA-A	195 DA-A	264 DA-A						
# Subsamples, Dec.	0	0	0	0						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code				
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A	23 a	1 b	10 b	10 b
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A	28 a	0 b	0 c	2 c
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A	25 a	3 ab	0 c	0 c
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B	30 a	1 b	2 c	2 c
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B	23 a	0 b	0 c	0 c
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C	20 a	1 ab	0 c	0 c
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C	22 a	3 ab	0 c	0 c
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C	27 a	3 ab	0 c	0 c
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D	22 a	6 ab	2 c	0 c
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D	28 a	5 ab	0 c	0 c
11	Untreated Check						23 a	8 a	28 a	28 a
LSD (P=.05)							15.4	5.8	6.2	6.2
Standard Deviation							9.0	3.4	3.6	3.6
CV							36.52	121.13	95.57	95.57

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

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							FESAR	FESAR	FESAR	FESAR	
Weed Code											
Crop Code											
Rating Data Type							Density	Control	Control	Control	
Rating Unit							0-100	0-100	0-100	0-100	
Rating Date							3-3-2003	5-15-2002	5-23-2002	6-14-2002	
Trt-Eval Interval							297 DA-A	5 DA-A	13 DA-A	35 DA-A	
# Subsamples, Dec.							0	0	0	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		10 b	0 a	20 b	80 a
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		2 c	0 a	20 b	85 a
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		3 bc	2 a	20 b	88 a
4	Corsair MON 0818 Corsair MON 0818	75 75	DG DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		7 bc	2 a	23 a	45 b
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75 75	WDG WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		2 c	0 a	17 c	85 a
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C		2 c			
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C		1 c			
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C		0 c			
9	Corsair MON 0818 Corsair MON 0818	75 75	DG DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D		0 c			
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75 75	WDG WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D		0 c			
11	Untreated Check							27 a	0 a	0 d	0 c
LSD (P=.05)							6.5	3.2	2.9	8.4	
Standard Deviation							3.8	1.7	1.6	4.6	
CV							77.49	314.64	9.49	7.24	

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

## University of GA Coop Ext Service

Weed Code							FESAR	FESAR	FESAR	FESAR	
Crop Code											
Rating Data Type							Control	Control	Control	Control	
Rating Unit							0-100	0-100	0-100	0-100	
Rating Date							6-24-2002	7-11-2002	7-22-2002	8-19-2002	
Trt-Eval Interval							45 DA-A	62 DA-A	73 DA-A	101 DA-A	
# Subsamples, Dec.							0	0	0	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		85 a	83 a	83 ab	87 a
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		87 a	100 a	100 a	100 a
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		93 a	100 a	100 a	100 a
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		43 b	52 b	73 b	100 a
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		85 a	95 a	93 a	100 a
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C					
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C					
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C					
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D					
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D					
11	Untreated Check							0 c	0 c	0 c	0 b
LSD (P=.05)								14.3	20.0	16.2	17.2
Standard Deviation								7.9	10.8	8.9	9.4
CV								12.03	15.13	11.86	11.62

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

## University of GA Coop Ext Service

							FESAR	FESAR	FESAR	FESAR		
Weed Code												
Crop Code												
Rating Data Type							Control	Control	Control	Control		
Rating Unit							0-100	0-100	0-100	0-100		
Rating Date							9-3-2002	10-1-2002	10-17-2002	11-21-2002		
Trt-Eval Interval							116 DA-A	144 DA-A	160 DA-A	195 DA-A		
# Subsamples, Dec.							0	0	0	0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		97 a	97 a	79 b	78 b	
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		100 a	98 a	94 a	100 a	
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		100 a	93 a	96 a	100 a	
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		100 a	98 a	99 a	97 a	
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		100 a	100 a	99 a	100 a	
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C				62 c	100 a	
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C				63 c	100 a	
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C				62 c	100 a	
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D				60 c	98 a	
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D				60 c	100 a	
11	Untreated Check							0 b	30 b	0 d	0 c	
LSD (P=.05)							4.3	41.3	10.4	11.2		
Standard Deviation							2.4	22.7	6.1	6.5		
CV							2.85	26.39	8.7	7.4		

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

## University of GA Coop Ext Service

Weed Code							FESAR	FESAR	FESAR	CYNDA	
Crop Code							Control	Control	Control	Injury	
Rating Data Type							0-100	0-100	0-100	0-100	
Rating Unit							1-29-2003	3-3-2003	5-12-2003	5-15-2002	
Rating Date							264 DA-A	297 DA-A	367 DA-A	5 DA-A	
Trt-Eval Interval							0	0	0	0	
# Subsamples, Dec.											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		78 b	73 b	60 b	2 a
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		97 a	97 a	90 ab	2 a
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		100 a	93 a	91 ab	2 a
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		97 a	83 ab	92 ab	0 a
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		100 a	95 a	92 ab	2 a
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C		100 a	95 a	96 a	
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C		100 a	97 a	98 a	
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C		100 a	100 a	98 a	
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D		100 a	100 a	100 a	
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D		100 a	100 a	97 a	
11	Untreated Check							0 c	0 c	0 c	0 a
LSD (P=.05)								11.4	14.7	28.8	4.0
Standard Deviation								6.7	8.6	16.9	2.2
CV								7.61	10.14	20.35	195.58

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

## University of GA Coop Ext Service

Weed Code							CYND A	CYND A	CYND A	CYND A	
Crop Code							Injury	Injury	Injury	Injury	
Rating Data Type							0-100	0-100	0-100	0-100	
Rating Unit											
Rating Date							5-23-2002	6-14-2002	7-22-2002	8-19-2002	
Trt-Eval Interval							13 DA-A	35 DA-A	73 DA-A	101 DA-A	
# Subsamples, Dec.							0	0	0	0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		0 a	0 a	0 a	0 a
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		0 a	0 a	0 a	0 a
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		0 a	0 a	0 a	0 a
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		0 a	0 a	0 a	0 a
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		0 a	0 a	0 a	0 a
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C					
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C					
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C					
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D					
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D					
11	Untreated Check							0 a	0 a	0 a	0 a
LSD (P=.05)								0.0	0.0	0.0	0.0
Standard Deviation								0.0	0.0	0.0	0.0
CV								0.0	0.0	0.0	0.0

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)



## University of GA Coop Ext Service

Weed Code							CYND A	CYND A	CYND A	CYND A		
Crop Code							Injury	Injury	Density	Density		
Rating Data Type							0-100	0-100	0-100	0-100		
Rating Unit							9-3-2002	11-21-2002	5-10-2002	6-24-2002		
Rating Date							116 DA-A	195 DA-A	0 DA-A	45 DA-A		
Trt-Eval Interval							0	0	0	0		
# Subsamples, Dec.												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		0 a	0 b	33 a	73 a	
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		0 a	0 b	32 a	75 a	
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		0 a	0 b	33 a	83 a	
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		0 a	0 b	25 a	47 b	
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		0 a	0 b	32 a	77 a	
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C			0 b	35 a		
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C			0 b	30 a		
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C			0 b	30 a		
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D			10 a	33 a		
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D			0 b	30 a		
11	Untreated Check							0 a	0 b	27 a	35 b	
LSD (P=.05)							0.0	4.4	12.1	26.4		
Standard Deviation							0.0	2.6	7.1	14.5		
CV							0.0	287.23	22.93	22.34		

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

## University of GA Coop Ext Service

Weed Code							CYND A	CYND A	CYND A	CYND A	
Crop Code							Density	Density	Density	Density	
Rating Data Type							0-100	0-100	0-100	0-100	
Rating Unit							7-11-2002	7-22-2002	10-17-2002	5-12-2003	
Rating Date							62 DA-A	73 DA-A	160 DA-A	367 DA-A	
Trt-Eval Interval							0	0	0	0	
# Subsamples, Dec.											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code				
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		85 a	83 a	90 ab	82 a
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		88 a	93 a	94 a	83 a
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		90 a	97 a	91 ab	87 a
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		67 a	70 a	93 a	87 a
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		88 a	87 a	93 ab	75 a
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C				70 abc	77 a
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C				73 abc	83 a
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C				68 bc	87 a
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D				53 cd	67 ab
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D				60 cd	67 ab
11	Untreated Check							42 b	27 b	43 d	43 b
LSD (P=.05)								24.7	35.8	22.1	25.6
Standard Deviation								13.4	19.7	13.0	15.0
CV								17.45	25.85	17.19	19.76

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

# University of GA Coop Ext Service

Weed Code							LAMAM	ALLVI	APHAR	VIORA		
Crop Code												
Rating Data Type							Control	Control	Control	Control		
Rating Unit							0-100	0-100	0-100	0-100		
Rating Date							3-3-2003	3-11-2003	3-11-2003	3-11-2003		
Trt-Eval Interval							297 DA-A	305 DA-A	305 DA-A	305 DA-A		
# Subsamples, Dec.							0	0	0	0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
1	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	May 2002 May 2002	A A		37 bcd	0 d	0 c	0 d	
2	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	May 2002 May 2002	A A		40 bcd	0 d	0 c	0 d	
3	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*May 2002 *May 2002	A A		33 bcd	0 d	0 c	0 d	
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		53 abc	0 d	20 bc	7 d	
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B		30 cd	0 d	13 bc	0 d	
6	MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C		47 bcd	17 cd	13 bc	47 bc	
7	MON 44951 + MON 0818	75	WDG	1.5 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002	C C		67 abc	53 b	33 b	70 ab	
8	MON 44951 + MON 0818	75	WDG	2 oz/a 0.5 % v/v	*Sept. 2002 *Sept. 2002	C C		67 abc	35 bc	38 b	37 c	
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 oz/a 0.5 % v/v 3 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D		100 a	100 a	100 a	100 a	
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 oz/a 0.5 % v/v 1 oz/a 0.5 % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D		87 ab	92 a	98 a	100 a	
11	Untreated Check								0 d	0 d	0 c	0 d
LSD (P=.05)									46.9	19.8	27.4	28.9
Standard Deviation									27.6	11.6	16.1	16.9
CV									54.14	43.07	55.79	51.79

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

## University of GA Coop Ext Service

Weed Code							VERAR	
Crop Code								
Rating Data Type							Control	
Rating Unit							0-100	
Rating Date							3-11-2003	
Trt-Eval Interval							305 DA-A	
# Subsamples, Dec.							0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	Appl Code	
1	MON 44951 + MON 0818	75	WDG	1 0.5	oz/a % v/v	May 2002 May 2002	A A	0 d
2	MON 44951 + MON 0818	75	WDG	1.5 0.5	oz/a % v/v	May 2002 May 2002	A A	0 d
3	MON 44951 + MON 0818	75	WDG	2 0.5	oz/a % v/v	*May 2002 *May 2002	A A	0 d
4	Corsair MON 0818 Corsair MON 0818	75	DG	3 0.5	oz/a % v/v	May 2002 May 2002	A A	13 cd
		75	DG	3 0.5	oz/a % v/v	8 WAT A 8 WAT A	B B	
5	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 0.5 1 0.5	oz/a % v/v oz/a % v/v	May 2002 May 2002 8 WAT A 8 WAT A	A A B B	20 bcd
6	MON 44951 + MON 0818	75	WDG	1 0.5	oz/a % v/v	Sept. 2002 Sept. 2002	C C	33 bc
7	MON 44951 + MON 0818	75	WDG	1.5 0.5	oz/a % v/v	Sept. 2002 Sept. 2002	C C	40 bc
8	MON 44951 + MON 0818	75	WDG	2 0.5	oz/a % v/v	*Sept. 2002 *Sept. 2002	C C	43 b
9	Corsair MON 0818 Corsair MON 0818	75	DG	3 0.5	oz/a % v/v	Sept. 2002 Sept. 2002	C C	100 a
		75	DG	3 0.5	oz/a % v/v	6-8 WAT C 6-8 WAT C	D D	
10	MON 44951 + MON 0818 MON 44951 + MON 0818	75	WDG	1 0.5 1 0.5	oz/a % v/v oz/a % v/v	Sept. 2002 Sept. 2002 6-8 WAT C 6-8 WAT C	C C D D	85 a
11	Untreated Check							0 d
LSD (P=.05)								24.8
Standard Deviation								14.6
CV								47.89

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)