

# University of Georgia

NOZZLE TYPE EFFECTS ON PEANUT WEED CONTROL  
BARE-GROUND (NON-CROP)

Trial ID: PE-18-17 Study Dir.:  
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet  
Spray vol: 15 GAL/AC Mix Size: 1.5 liters (.78211 liters calculated mix size)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	DG11002 GRAMOXONE	2	SL	12.0 oz/a	POST	A	9.374 ml/mx	101	207	306	410
	STORM	4	SL	16.0 oz/a	POST	A	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
2	DG11002 CADRE	2	AS	4.0 oz/a	POST	A	3.125 ml/mx	102	204	312	402
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
3	DG11002 COBRA	2	AS	12.5 oz/a	POST	A	9.765 ml/mx	103	213	310	407
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
4	DG11002 ARROW	2	EC	8.0 oz/a	POST	A	6.249 ml/mx	104	206	309	401
	COC			1.0 % v/v	POST	A	15.0 ml/mx				
5	TADF02-D GRAMOXONE	2	SL	12.0 oz/a	POST	A	9.374 ml/mx	105	210	313	408
	STORM	4	SL	16.0 oz/a	POST	A	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
6	TADF02-D CADRE	2	AS	4.0 oz/a	POST	A	3.125 ml/mx	106	209	303	409
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
7	TADF02-D COBRA	2	AS	12.5 oz/a	POST	A	9.765 ml/mx	107	201	305	406
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
8	TADF02-D ARROW	2	EC	8.0 oz/a	POST	A	6.249 ml/mx	108	211	308	404
	COC			1.0 % v/v	POST	A	15.0 ml/mx				
9	TTI60-11002 GRAMOXONE	2	SL	12.0 oz/a	POST	A	9.374 ml/mx	109	202	311	413
	STORM	4	SL	16.0 oz/a	POST	A	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
10	TTI60-11002 CADRE	2	AS	4.0 oz/a	POST	A	3.125 ml/mx	110	212	301	403
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
11	TTI60-11002 COBRA	2	AS	12.5 oz/a	POST	A	9.765 ml/mx	111	208	302	405
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	14.06 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	12.5 ml/mx				
12	TTI60-11002 ARROW	2	EC	8.0 oz/a	POST	A	6.249 ml/mx	112	203	307	411
	COC			1.0 % v/v	POST	A	15.0 ml/mx				
13	NTC							113	205	304	412

Sort Order: Treatment

Trial Comments

LAST TILLAGE ON APRIL 24

ANNUAL GRASS: A NON-UNIFORM MIXTURE OF TEXAS PANICUM + CRABGRASS + GOOSEGRASS + CROWFOOTGRASS

**SUMMARY:**

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1) OBSERVATIONS FROM WEED CONTROL RATINGS OBTAINED 14 DAT:

A) PALMER AMARANTH CONTROL

- NO INTERACTION BETWEEN NOZZLE TYPE AND HERBICIDE TREATMENT (P=0.4552).

- WHEN AVERAGED OVER TREATMENTS, NOZZLE TYPE HAD NO EFFECT ON THE CONTROL OF PALMER AMARANTH (P=0.4219)

- WHEN AVERAGED OVER NOZZLE TYPE, CADRE + 2,4-DB + DUAL MAGNUM PROVIDED LESS CONTROL OF PALMER AMARANTH THAN GRAMOXONE + STORM + DUAL MAGNUM OR COBRA + 2,4-DB + DUAL MAGNUM (I.E. ALS RESISTANCE).

B) ANNUAL GRASS CONTROL

- NO INTERACTION BETWEEN NOZZLE TYPE AND HERBICIDE TREATMENT (P=0.2533).

- WHEN AVERAGED OVER TREATMENTS, LESS GRASS CONTROL (4%) WAS OBTAINED WITH THE TADF02-D NOZZLE WHEN COMPARED TO THE DG11002 NOZZLE.

- WHEN AVERAGED OVER NOZZLE TYPES, GRASS CONTROL WAS AS FOLLOWS:

GRAMOXONE + STORM + DUAL MAGNUM = ARROW > CADRE + 2,4-DB + DUAL MAGNUM > COBRA + 2,4-DB + DUAL MAGNUM

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NOZZLE TYPE EFFECTS ON PEANUT WEED CONTROL  
 BARE-GROUND (NON-CROP)  
 Trial ID: PE-18-17 Study Dir.:  
 Location: PONDER FARM Investigator: Eric P. Prostko

**GENERAL TRIAL INFORMATION**

Study Director: \_\_\_\_\_ Title: \_\_\_\_\_  
 Affiliation: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Investigator: Eric P. Prostko Title: \_\_\_\_\_  
 Affiliation: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Trial Status: \_\_\_\_\_ Initiation Date: \_\_\_\_\_ Country: \_\_\_\_\_  
 City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_ Postal Code: \_\_\_\_\_  
 Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N

Objective: \_\_\_\_\_  
 Conclusions: \_\_\_\_\_

**CROP AND PEST DESCRIPTION**

Weed 1. AMAPA PALMER AMARANTH 2. AGRASS TPANICUM/CRABGRASS  
 Weed 3. IPOSP ANNUAL MG 4. \_\_\_\_\_

Crop 1: \_\_\_\_\_ Variety: \_\_\_\_\_ Planting Date: \_\_\_\_\_  
 Planting Method: \_\_\_\_\_ Rate: \_\_\_\_\_ Depth: \_\_\_\_\_  
 Perennial Age: \_\_\_\_\_ Row Spacing: \_\_\_\_\_ Seed Bed: \_\_\_\_\_  
 Soil Temperature: \_\_\_\_\_ Soil Moisture: \_\_\_\_\_ Emergence Date: \_\_\_\_\_

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4  
 Site Type: \_\_\_\_\_  
 Tillage Type: \_\_\_\_\_ Study Design: FACTOR  
 Trial Initiation Comments: \_\_\_\_\_

Previous: Crops	Pesticides	Year
1. _____	_____	_____

**MAINTENANCE**

Field Prep./Maintenance: \_\_\_\_\_

No.	Date	Treatment Name	Form	Form	Form	Rate	Unit
1.	_____	_____	_____	_____	_____	_____	_____

**SOIL DESCRIPTION**

Texture: \_\_\_\_\_ % OM: \_\_\_\_\_ % Sand: \_\_\_\_\_ % Silt: \_\_\_\_\_ % Clay: \_\_\_\_\_  
 pH: \_\_\_\_\_ CEC: \_\_\_\_\_ Soil Name: \_\_\_\_\_ Fertility Level: \_\_\_\_\_

**MOISTURE CONDITIONS**

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-10-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. May-17-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3. May-21-17	_____	0.11	IN	RAINFALL	_____	_____
4. May-23-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
5. May-23-17	_____	0.9	IN	RAINFALL	_____	_____
6. May-24-17	_____	0.51	IN	RAINFALL	_____	_____
7. May-31-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
8. Jun-1-17	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

Overall Moisture Conditions: \_\_\_\_\_  
 Closest Weather Station: \_\_\_\_\_ Distance: \_\_\_\_\_ Unit: \_\_\_\_\_

**APPLICATION DESCRIPTION**

	A	B	C	D	E	F
Application Date:	May-16-17	_____	_____	_____	_____	_____
Time of Day:	7:30 AM	_____	_____	_____	_____	_____
Application Method:	BROADCAST	_____	_____	_____	_____	_____
Application Timing:	POST	_____	_____	_____	_____	_____
Applic. Placement:	FOLIAGE	_____	_____	_____	_____	_____
Air Temp., Unit:	67 F	_____	_____	_____	_____	_____
% Relative Humidity:	90	_____	_____	_____	_____	_____
Wind Velocity, Unit:	1 MPH	_____	_____	_____	_____	_____
Dew Presence (Y/N):	Y	_____	_____	_____	_____	_____
Water Hardness:	--	_____	_____	_____	_____	_____
Soil Temp., Unit:	74 F	_____	_____	_____	_____	_____
Soil Moisture:	DRY	_____	_____	_____	_____	_____
% Cloud Cover:	0	_____	_____	_____	_____	_____

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CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: _____	_____	_____	_____	_____	_____	_____
	Stage Scale: _____	_____	_____	_____	_____	_____	_____
	Height, Unit: _____	_____	_____	_____	_____	_____	_____

WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage: AMAPA 0.5-5" T	_____	_____	_____	_____	_____	_____
	Stage Scale: _____	_____	_____	_____	_____	_____	_____
	Density, Unit: _____	_____	_____	_____	_____	_____	_____
Weed 2	Stage: AGRASS 0.5-3" T	_____	_____	_____	_____	_____	_____
	Stage Scale: _____	_____	_____	_____	_____	_____	_____
	Density, Unit: _____	_____	_____	_____	_____	_____	_____
Weed 3	Stage: IPOSP 2-3" TALL	_____	_____	_____	_____	_____	_____
	Stage Scale: _____	_____	_____	_____	_____	_____	_____
	Density, Unit: _____	_____	_____	_____	_____	_____	_____

APPLICATION EQUIPMENT							
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	_____	_____	_____	_____	_____	_____
Operating Pressure:	40	_____	_____	_____	_____	_____	_____
Nozzle Type:	SEVERAL	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20 IN	_____	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60 IN	_____	_____	_____	_____	_____	_____
Boom Height, Unit:	20 IN	_____	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.5 MPH	_____	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15 GPA	_____	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	_____	_____	_____	_____	_____	_____	_____

Trt No	Treatment Application Comment
_____	_____

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NOZZLE TYPE EFFECTS ON PEANUT WEED CONTROL											
BARE-GROUND (NON-CROP)											
Trial ID: PE-18-17 Study Dir.:											
Location: PONDER FARM Investigator: Eric P. Prostko											
Weed Code	AMAPA	AGRASS	AMAPA	AGRASS							
Crop Code	-----	-----	-----	-----							
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL							
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT							
Rating Date	May-23-17	May-23-17	May-30-17	May-30-17							
Trt-Eval Interval	7 DA-A	7 DA-A	14 DA-A	14 DA-A							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	1	2	3	4
<b>TABLE OF R MEANS</b>											
Replicate 1											
63.8      60.8      61.3      60.4											
Replicate 2											
67.1      60.8      62.5      62.1											
Replicate 3											
63.8      63.3      62.5      61.3											
Replicate 4											
65.0      56.3      62.1      60.8											
<b>TABLE OF A (NOZZLE TYPE) MEANS</b>											
1 DG11002											
65.3 a      63.4 a      61.9 a      63.1 a											
2 TADF02-D											
62.5 a      58.1 a      62.2 a      59.1 b											
3 TTI60-11002											
66.9 a      59.4 a      62.2 a      61.3 ab											
LSD P=.10											
4.06      5.18      0.50      2.51											
Standard Deviation											
5.91      7.53      0.72      3.66											
CV											
9.10      12.49      1.16      5.98											
<b>TABLE OF B (TREATMENT) MEANS</b>											
1 GRAMOXONE      2 SL      12.0 oz/a      POST A											
100.0 a      87.1 a      98.3 b      86.3 a											
1 STORM      4 SL      16.0 oz/a      POST A											
1 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
2 CADRE      2 AS      4.0 oz/a      POST A											
59.6 b      62.9 b      50.0 c      73.3 b											
2 2,4-DB      1.75 SL      18.0 oz/a      POST A											
2 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
3 COBRA      2 AS      12.5 oz/a      POST A											
100.0 a      24.2 c      100.0 a      0.0 c											
3 2,4-DB      1.75 SL      18.0 oz/a      POST A											
3 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
4 ARROW      2 EC      8.0 oz/a      POST A											
0.0 c      67.1 b      0.0 d      85.0 a											
4											
LSD P=.10											
4.08      9.10      1.53      2.55											
Standard Deviation											
5.45      12.15      2.04      3.41											
CV											
8.40      20.15      3.29      5.58											
<b>TABLE OF A (NOZZLE TYPE) B (TREATMENT) MEANS</b>											
1 DG11002											
100.0 a      93.8 a      97.5 a      92.5 a											
1 GRAMOXONE      2 SL      12.0 oz/a      POST A											
1 STORM      4 SL      16.0 oz/a      POST A											
1 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
2 TADF02-D											
100.0 a      80.0 a      98.8 a      78.8 a											
1 GRAMOXONE      2 SL      12.0 oz/a      POST A											
1 STORM      4 SL      16.0 oz/a      POST A											
1 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
3 TTI60-11002											
100.0 a      87.5 a      98.8 a      87.5 a											
1 GRAMOXONE      2 SL      12.0 oz/a      POST A											
1 STORM      4 SL      16.0 oz/a      POST A											
1 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
1 DG11002											
61.3 b      65.0 a      50.0 a      75.0 a											
2 CADRE      2 AS      4.0 oz/a      POST A											
2 2,4-DB      1.75 SL      18.0 oz/a      POST A											
2 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
2 TADF02-D											
50.0 c      58.8 a      50.0 a      72.5 a											
2 CADRE      2 AS      4.0 oz/a      POST A											
2 2,4-DB      1.75 SL      18.0 oz/a      POST A											
2 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											
3 TTI60-11002											
67.5 b      65.0 a      50.0 a      72.5 a											
2 CADRE      2 AS      4.0 oz/a      POST A											
2 2,4-DB      1.75 SL      18.0 oz/a      POST A											
2 DUAL MAGNUM      7.62 EC      16.0 oz/a      POST A											

Means followed by same letter or symbol do not significantly differ (P=.10, LSD)  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code						AMAPA	AGRASS	AMAPA	AGRASS	
Crop Code						-----	-----	-----	-----	
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date						May-23-17	May-23-17	May-30-17	May-30-17	
Trt-Eval Interval						7 DA-A	7 DA-A	14 DA-A	14 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg	Appl Code	1	2	3	4
1	DG11002						100.0 a	27.5 a	100.0 a	0.0 a
3	COBRA	2	AS	12.5 oz/a	POST A					
3	2,4-DB	1.75	SL	18.0 oz/a	POST A					
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST A					
2	TADF02-D						100.0 a	25.0 a	100.0 a	0.0 a
3	COBRA	2	AS	12.5 oz/a	POST A					
3	2,4-DB	1.75	SL	18.0 oz/a	POST A					
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST A					
3	TTI60-11002						100.0 a	20.0 a	100.0 a	0.0 a
3	COBRA	2	AS	12.5 oz/a	POST A					
3	2,4-DB	1.75	SL	18.0 oz/a	POST A					
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST A					
1	DG11002						0.0 d	67.5 a	0.0 a	85.0 a
4	ARROW	2	EC	8.0 oz/a	POST A					
4										
2	TADF02-D						0.0 d	68.8 a	0.0 a	85.0 a
4	ARROW	2	EC	8.0 oz/a	POST A					
4										
3	TTI60-11002						0.0 d	65.0 a	0.0 a	85.0 a
4	ARROW	2	EC	8.0 oz/a	POST A					
4										
LSD P=.10						7.24	8.89	0.88	6.87	
Standard Deviation						5.91	7.25	0.72	5.61	
CV						9.10	12.03	1.16	9.17	

Means followed by same letter or symbol do not significantly differ (P=.10, LSD)  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-23-17 7 DA-A (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	82274.479167				
R	3	89.062500	29.687500	0.851	0.4842	
A	2	157.291667	78.645833	2.254	0.1862	4.1
RA	6	209.375000	34.895833			
B	3	80451.562500	26817.187500	903.316	0.0001	4.1
RB	9	267.187500	29.687500			
AB	6	471.875000	78.645833	2.254	0.0848	7.2
RAB	18	628.125000	34.895833			

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT May-23-17 7 DA-A (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	28470.312500				
R	3	314.062500	104.687500	1.990	0.1516	
A	2	246.875000	123.437500	2.174	0.1949	5.2
RA	6	340.625000	56.770833			
B	3	24909.895833	8303.298611	56.201	0.0001	9.1
RB	9	1329.687500	147.743056			
AB	6	382.291667	63.715278	1.211	0.3455	8.9
RAB	18	946.875000	52.604167			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-30-17 14 DA-A (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	81091.666667				
R	3	12.500000	4.166667	8.000	0.0013	
A	2	1.041667	0.520833	1.000	0.4219	0.5
RA	6	3.125000	0.520833			
B	3	81025.000000	27008.333333	6482.001	0.0001	1.5
RB	9	37.500000	4.166667			
AB	6	3.125000	0.520833	1.000	0.4552	0.9
RAB	18	9.375000	0.520833			

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT May-30-17 14 DA-A (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	62211.979167				
R	3	18.229167	6.076389	0.193	0.8995	
A	2	132.291667	66.145833	4.948	0.0538	2.5
RA	6	80.208333	13.368056			
B	3	61039.062500	20346.354167	1749.179	0.0001	2.6
RB	9	104.687500	11.631944			
AB	6	271.875000	45.312500	1.442	0.2533	6.9
RAB	18	565.625000	31.423611			

Weed Code  
 AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Means followed by same letter or symbol do not significantly differ (P=.10, LSD)  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

# University of Georgia

NOZZLE TYPE EFFECTS ON PEANUT WEED CONTROL											
BARE-GROUND (NON-CROP)											
Trial ID:		PE-18-17		Study Dir.:							
Location:		PONDER FARM		Investigator: Eric P. Prostko							
Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	AMAPA ----- CONTROL PERCENT May-23-17 7 DA-A	AGRASS ----- CONTROL PERCENT May-23-17 7 DA-A	AMAPA ----- CONTROL PERCENT May-30-17 14 DA-A	AGRASS ----- CONTROL PERCENT May-30-17 14 DA-A		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Plot	1	2	3	4
1	DG11002						101	100.0	90.0	95.0	90.0
	GRAMOXONE	2	SL	12.0 oz/a	POST	A	207	100.0	95.0	100.0	90.0
	STORM	4	SL	16.0 oz/a	POST	A	306	100.0	95.0	100.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	410	100.0	95.0	95.0	95.0
							Mean =	100.0	93.8	97.5	92.5
2	DG11002						102	55.0	65.0	50.0	75.0
	CADRE	2	AS	4.0 oz/a	POST	A	204	60.0	65.0	50.0	75.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	312	65.0	65.0	50.0	75.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	402	65.0	65.0	50.0	75.0
							Mean =	61.3	65.0	50.0	75.0
3	DG11002						103	100.0	40.0	100.0	0.0
	COBRA	2	AS	12.5 oz/a	POST	A	213	100.0	20.0	100.0	0.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	310	100.0	50.0	100.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	407	100.0	0.0	100.0	0.0
							Mean =	100.0	27.5	100.0	0.0
4	DG11002						104	0.0	65.0	0.0	85.0
	ARROW	2	EC	8.0 oz/a	POST	A	206	0.0	75.0	0.0	85.0
	COC			1.0 % v/v	POST	A	309	0.0	65.0	0.0	85.0
							401	0.0	65.0	0.0	85.0
							Mean =	0.0	67.5	0.0	85.0
5	TADF02-D						105	100.0	65.0	95.0	65.0
	GRAMOXONE	2	SL	12.0 oz/a	POST	A	210	100.0	85.0	100.0	85.0
	STORM	4	SL	16.0 oz/a	POST	A	313	100.0	80.0	100.0	75.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	408	100.0	90.0	100.0	90.0
							Mean =	100.0	80.0	98.8	78.8
6	TADF02-D						106	50.0	60.0	50.0	75.0
	CADRE	2	AS	4.0 oz/a	POST	A	209	50.0	50.0	50.0	75.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	303	50.0	65.0	50.0	75.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	409	50.0	60.0	50.0	65.0
							Mean =	50.0	58.8	50.0	72.5
7	TADF02-D						107	100.0	30.0	100.0	0.0
	COBRA	2	AS	12.5 oz/a	POST	A	201	100.0	30.0	100.0	0.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	305	100.0	20.0	100.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	406	100.0	20.0	100.0	0.0
							Mean =	100.0	25.0	100.0	0.0
8	TADF02-D						108	0.0	65.0	0.0	85.0
	ARROW	2	EC	8.0 oz/a	POST	A	211	0.0	65.0	0.0	85.0
	COC			1.0 % v/v	POST	A	308	0.0	75.0	0.0	85.0
							404	0.0	70.0	0.0	85.0
							Mean =	0.0	68.8	0.0	85.0
9	TTI60-11002						109	100.0	90.0	95.0	90.0
	GRAMOXONE	2	SL	12.0 oz/a	POST	A	202	100.0	95.0	100.0	90.0
	STORM	4	SL	16.0 oz/a	POST	A	311	100.0	85.0	100.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	413	100.0	80.0	100.0	75.0
							Mean =	100.0	87.5	98.8	87.5
10	TTI60-11002						110	60.0	65.0	50.0	75.0
	CADRE	2	AS	4.0 oz/a	POST	A	212	95.0	65.0	50.0	75.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	301	50.0	65.0	50.0	65.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	403	65.0	65.0	50.0	75.0
							Mean =	67.5	65.0	50.0	72.5
11	TTI60-11002						111	100.0	30.0	100.0	0.0
	COBRA	2	AS	12.5 oz/a	POST	A	208	100.0	20.0	100.0	0.0
	2,4-DB	1.75	SL	18.0 oz/a	POST	A	302	100.0	30.0	100.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	A	405	100.0	0.0	100.0	0.0
							Mean =	100.0	20.0	100.0	0.0
12	TTI60-11002						112	0.0	65.0	0.0	85.0
	ARROW	2	EC	8.0 oz/a	POST	A	203	0.0	65.0	0.0	85.0
	COC			1.0 % v/v	POST	A	307	0.0	65.0	0.0	85.0
							411	0.0	65.0	0.0	85.0
							Mean =	0.0	65.0	0.0	85.0

# University of Georgia

Weed Code						AMAPA	AGRASS	AMAPA	AGRASS
Crop Code						-----	-----	-----	-----
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT
Rating Date						May-23-17	May-23-17	May-30-17	May-30-17
Trt-Eval Interval						7 DA-A	7 DA-A	14 DA-A	14 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	
	13 NTC								
							113	0.0	0.0
							205	0.0	0.0
							304	0.0	0.0
							412	0.0	0.0
							Mean =	0.0	0.0

Weed Code  
 AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.