

University of Georgia

INFLUENCE OF TIME OF DAY APPLICATIONS ON PEANUT
 WEED CONTROL SYSTEMS - II
 Trial ID: PE-04B-15 Study Dir.: O.W. CARTER
 Location: ATTAPULGUS Investigator: Eric P. Prostko

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

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Amt Product to Measure	Rep 1	2	3	4
1	7 AM										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	101	204	305	406
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
2	7 AM										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	102	207	301	405
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	COBRA	2	EC	12.0	oz/a	POST	9.374 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
3	12 pm										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	103	208	307	401
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
4	12 pm										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	104	202	304	403
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	COBRA	2	EC	12.0	oz/a	POST	9.374 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
5	5 PM										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	105	203	306	409
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
6	5 PM										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	106	201	309	404
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	COBRA	2	EC	12.0	oz/a	POST	9.374 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
7	10 PM										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	107	209	303	402
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
8	10 PM										
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	9.374 ml/mx	108	206	308	407
	STORM	4	SL	16.0	oz/a	EPOST	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	12.5 ml/mx				
	COBRA	2	EC	12.0	oz/a	POST	9.374 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	12.5 ml/mx				
9	NTC							109	205	302	408

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Reps: 4
 Spray vol: 15 GAL/AC
 Sort Order: Treatment

Plots: 6 by 25 feet
 Mix Size: 1.5 liters (calculated mix size .78211)

Trial Comments

MAY 21, 2015: SUNRISE = 6:39 AM, SUNSET = 8:28 PM
 JUNE 9, 2015: SUNRISE = 6:34 AM SUNSET = 8:39 PM

SELECT MAX + COC OVER ENTIRE TEST ON JULY 2 FOR ANNUAL GRASS CONTROL

YIELD DATA WAS NOT COLLECTED DUE TO A COMBINATION OF PROBLEMS AT HARVEST INCLUDING INCLEMENT WEATHER, CROWS, AND DEER.

SUMMARY:

1) NO INTERACTIONS BETWEEN TIME OF DAY AND TREATMENT WERE OBSERVED FOR ANY RATING EXCEPT THE FOLLOWING:

PEANUT LEAF BURN - JUNE 15
 ANNUAL GRASS CONTROL JUNE 15
 ANNUAL GRASS CONTROL - JULY 1

ONLY 3 OF 22 TOTAL RATINGS

2) ON MAY 27, 6 DAYS AFTER THE EPOST TREATMENTS WERE APPLIED, THE FOLLOWING WAS OBSERVED:

- A) 10 PM APPLICATIONS OF GRAMOXONE + STORM + DUAL MAGNUM WERE LESS INJURIOUS THAN EARLIER APPLICATIONS
- B) PALMER AMARANTH SMALLFLOWER MG, AND FLORIDA PUSLEY CONTROL WAS NOT INFLUENCED BY TIME OF DAY.
- C) ANNUAL GRASS CONTROL WAS LOWEST WHEN GRAMOXONE + STORM + DUAL MAGNUM WAS APPLIED AT 7 AM.

3) ON JUNE 15, 9 DAYS AFTER THE POST APPLICATIONS WERE APPLIED, THE FOLLOWING OBSERVATIONS WERE MADE:

- A) COBRA + 2,4-DB + DUAL MAGNUM WAS MORE INJURIOUS TO PEANUT WHEN APPLIED AT 5 PM.
- B) PALMER AMARANTH CONTROL WAS NOT INFLUENCED BY TIME OF DAY OR TREATMENT.
- C) ANNUAL MG CONTROL WAS NOT INFLUENCED BY TIME OF DAY BUT COBRA + 2,4-DB + DUAL MAGNUM TREATMENT WAS BETTER THAN CADRE + 2,4-DB + DUAL MAGNUM TREATMENT.

4) ON AUGUST 3 (91 DAP), THE FOLLOWING OBSERVATIONS WERE MADE:

- A) PALMER AMARANTH CONTROL WAS LOWER WHEN TREATMENTS WERE APPLIED AT 10 PM COMPARED TO 12 OR 5 PM. HOWEVER, CONTROL EXCEEDED 90%.
- B) PALMER AMARANTH CONTROL WAS BETTER WITH THE COBRA + 2,4-DB + DUAL TREATMENT. HOWEVER, CONTROL WITH CADRE + DB + DUAL TREATMENT WAS 94%.
- C) ANNUAL GRASS CONTROL WAS NOT INFLUENCED BY TIME OF DAY. HOWEVER, COBRA + DB + DUAL TREATMENT WAS LESS EFFECTIVE THAN CADRE + DB + DUAL TREATMENT. CONTROL WITH COBRA TREATMENT WAS 92%.
- D) SICKLEPOD CONTROL WAS LOWEST WHEN TREATMENTS WERE APPLIED AT 10 PM. COBRA + DB + DUAL TREATMENT WAS LESS EFFECTIVE THAN CADRE + DB + DUAL TREATMENT.

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INFLUENCE OF TIME OF DAY APPLICATIONS ON PEANUT WEED CONTROL SYSTEMS - II
 Trial ID: PE-04B-15 Study Dir.: O.W. CARTER
 Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: O.W. CARTER **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 CRAB+PANTE+CROW+GOOSE+SIGN
Weed 3. CASOB SICKLEPOD **4.** IPOLA PITTED MG
Weed 5. IAQTA SMALLFLOWER MG **6.** RCHSC FL PUSLEY

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** May-4-15
Planting Method: MONOSEM **Rate:** 6 SEED/FT **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** FACTOR
Trial Initiation Comments: THIMET INFR; DYNASTY PD SEED TRT;

Previous: Crops	Pesticides	Year
1. SOYBEAN	2014	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: LOAMY SAND **% OM:** _____ **% Sand:** _____ **% Silt:** _____ **% Clay:** _____
pH: 6.0 **CEC:** _____ **Soil Name:** DOTHAN **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-8-15	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
2. May-12-15	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____

Overall Moisture Conditions: _____
Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

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		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME		SAME	SAME	SAME	SAME
Operating Pressure:	34	_____	_____	_____	_____	_____	_____
Nozzle Type:	FLAT FAN	_____	_____	_____	_____	_____	_____
Nozzle Size:	11002DG	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	20	IN	_____	_____	_____	_____	_____
Boom Height, Unit:	20	IN	_____	_____	_____	_____	_____
Ground Speed, Unit:	3.0	MPH	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	-	-	-	-	-	-	-
		G	H	I	J	K	L
Appl. Equipment:	SAME	SAME					
Operating Pressure:	_____	_____	_____	_____	_____	_____	_____
Nozzle Type:	_____	_____	_____	_____	_____	_____	_____
Nozzle Size:	_____	_____	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	_____	_____	_____	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Height, Unit:	_____	_____	_____	_____	_____	_____	_____
Ground Speed, Unit:	_____	_____	_____	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	_____	_____	_____	_____	_____	_____	_____
Spray Volume, Unit:	_____	_____	_____	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	_____	_____	_____	_____	_____	_____	_____
Tank Mix (Y/N):	-	-	-	-	-	-	-
Trt No	Treatment Application Comment						
_____	_____						

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INFLUENCE OF TIME OF DAY APPLICATIONS ON PEANUT WEED CONTROL SYSTEMS - II										
Trial ID: PE-04B-15		Study Dir.: O.W. CARTER								
Location: ATTAPULGUS		Investigator: Eric P. Prostko								
Weed Code	-----	AMAPA	ANNUAL	-----	AMAPA	ANNUAL	IPOLA			
Crop Code	ARAHY	-----	GRASS	ARAHY	-----	GRASS	-----			
Part Rated	LEAF -			LEAF -						
Rating Data Type	BURN	CONTROL	CONTROL	BURN	CONTROL	CONTROL	CONTROL			
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Date	May-22-15	May-22-15	May-22-15	May-27-15	May-27-15	May-27-15	May-27-15			
Trt Treatment	Form Form	Rate Grow								
No. Name	Conc Type	Rate Unit	Stg							
				1	2	3	4	5	6	7
TABLE OF R MEANS										
Replicate 1				15.6	33.8	31.9	22.0	99.0	97.0	96.7
Replicate 2				17.5	33.8	33.8	22.5	99.0	95.8	83.1
Replicate 3				15.6	23.8	35.0	21.3	99.0	95.5	78.6
Replicate 4				13.8	35.0	33.8	19.4	99.0	89.4	83.1
TABLE OF A (TIME OF DAY) MEANS										
1 7 AM				38.1 a	76.3 a	83.1 a	23.5 ab	99.0 a	88.3 b	88.3 a
2 12 pm				24.4 b	50.0 b	51.3 b	21.6 b	99.0 a	97.5 a	84.3 a
3 5 PM				0.0 c	0.0 c	0.0 c	23.8 a	99.0 a	96.3 a	86.8 a
4 10 PM				0.0 c	0.0 c	0.0 c	16.3 c	99.0 a	95.6 a	82.3 a
LSD P=.10				3.89	13.59	2.77	2.12	0.01	3.29	8.09
Standard Deviation				4.25	14.83	3.02	2.31	0.01	3.59	8.83
CV				27.19	46.97	8.99	10.87	0.01	3.80	10.34
TABLE OF B (TREATMENT) MEANS										
1 GRAMOXONE 2 SL 12.0 oz/a EPOST				15.6 a	34.1 a	32.8 b	22.0 a	99.0 a	94.0 a	87.9 a
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										
2 GRAMOXONE 2 SL 12.0 oz/a EPOST				15.6 a	29.1 a	34.4 a	20.6 a	99.0 a	94.8 a	82.9 b
2 STORM 4 SL 16.0 oz/a EPOST										
2 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
2 COBRA 2 EC 12.0 oz/a POST										
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
2 2,4-DB 1.75 SL 16.0 oz/a POST										
LSD P=.10				1.20	13.80	1.41	2.11	0.00	2.03	4.22
Standard Deviation				1.44	16.58	1.69	2.54	0.00	2.44	5.07
CV				9.24	52.54	5.04	11.93	0.00	2.58	5.94
TABLE OF A (TIME OF DAY) B (TREATMENT) MEANS										
1 7 AM				37.5 a	86.3 a	81.3 a	23.5 a	99.0 a	87.5 a	94.8 a
1 GRAMOXONE 2 SL 12.0 oz/a EPOST										
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										
2 12 pm				25.0 a	50.0 a	50.0 a	21.9 a	99.0 a	98.3 a	83.6 a
1 GRAMOXONE 2 SL 12.0 oz/a EPOST										
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										
3 5 PM				0.0 a	0.0 a	0.0 a	25.0 a	99.0 a	97.0 a	88.5 a
1 GRAMOXONE 2 SL 12.0 oz/a EPOST										
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										

Means followed by same letter 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	ANNUAL	-----	AMAPA	ANNUAL	IPOLA			
Crop Code				ARAHY	-----	GRASS	ARAHY	-----	GRASS	-----			
Part Rated				LEAF -			LEAF -						
Rating Data Type				BURN	CONTROL	CONTROL	BURN	CONTROL	CONTROL	CONTROL			
Rating Unit				PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Date				May-22-15	May-22-15	May-22-15	May-27-15	May-27-15	May-27-15	May-27-15			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg							
							1	2	3	4	5	6	7
4	10 PM						0.0 a	0.0 a	0.0 a	17.5 a	99.0 a	93.3 a	84.8 a
1	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
1	STORM	4	SL	16.0 oz/a	EPOST								
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
1	CADRE	2	AS	4.0 oz/a	POST								
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
1	2,4-DB	1.75	SL	16.0 oz/a	POST								
1	7 AM						38.8 a	66.3 a	85.0 a	23.5 a	99.0 a	89.1 a	81.9 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
2	12 pm						23.8 a	50.0 a	52.5 a	21.3 a	99.0 a	96.8 a	85.0 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
3	5 PM						0.0 a	0.0 a	0.0 a	22.5 a	99.0 a	95.5 a	85.0 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
4	10 PM						0.0 a	0.0 a	0.0 a	15.0 a	99.0 a	98.0 a	79.8 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
LSD P= .10							5.07	21.50	3.44	4.27	0.01	7.48	19.71
Standard Deviation							3.91	16.58	2.65	3.11	0.00	5.44	14.35
CV							25.02	52.54	7.89	14.61	0.00	5.77	16.80

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Weed Code		IAQTA	RCHSC	AMAPA	ANNUAL GRASS	CASOB	IPOSP	----- ARAHY LEAF - BURN PERCENT		
Crop Code		-----	-----	-----		-----	-----			
Part Rated										
Rating Data Type		CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT	CONTROL PERCENT			
Rating Unit		May-27-15	May-27-15	Jun-5-15	Jun-5-15	Jun-5-15	Jun-5-15	Jun-15-15		
Rating Date										
Trt Treatment	Form Form	Rate	Grow							
No. Name	Conc Type	Rate	Unit Stg							
				8	9	10	11	12		
				13	14					
TABLE OF R MEANS										
Replicate 1				95.9	98.8	99.0	94.7	95.3	92.9	9.3
Replicate 2				91.6	99.0	99.0	93.9	93.0	85.6	7.5
Replicate 3				92.4	98.5	99.0	95.5	92.8	83.6	8.8
Replicate 4				88.4	99.0	99.0	96.1	94.1	83.1	6.9
TABLE OF A (TIME OF DAY) MEANS										
1 7 AM				96.5 a	98.3 a	99.0 a	84.9 b	92.6 a	87.6 a	5.3 c
2 12 pm				90.9 a	99.0 a	99.0 a	98.3 a	92.7 a	84.3 a	8.9 b
3 5 PM				89.9 a	99.0 a	99.0 a	98.5 a	94.6 a	87.9 a	11.9 a
4 10 PM				91.0 a	99.0 a	99.0 a	98.5 a	95.3 a	85.5 a	6.3 c
LSD P=.10				5.33	0.61	0.01	1.35	5.35	7.24	1.86
Standard Deviation				5.81	0.67	0.01	1.48	5.84	7.90	2.03
CV				6.31	0.67	0.01	1.55	6.22	9.15	25.11
TABLE OF B (TREATMENT) MEANS										
1 GRAMOXONE	2 SL	12.0 oz/a	EPOST	92.2 a	99.0 a	99.0 a	94.2 a	93.7 a	86.7 a	0.2 b
1 STORM	4 SL	16.0 oz/a	EPOST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST							
1 CADRE	2 AS	4.0 oz/a	POST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	POST							
1 2,4-DB	1.75 SL	16.0 oz/a	POST							
2 GRAMOXONE	2 SL	12.0 oz/a	EPOST	92.0 a	98.7 a	99.0 a	95.9 a	93.9 a	85.9 a	16.0 a
2 STORM	4 SL	16.0 oz/a	EPOST							
2 DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST							
2 COBRA	2 EC	12.0 oz/a	POST							
2 DUAL MAGNUM	7.62 EC	16.0 oz/a	POST							
2 2,4-DB	1.75 SL	16.0 oz/a	POST							
LSD P=.10				4.38	0.55	0.00	2.36	2.56	5.86	2.10
Standard Deviation				5.27	0.67	0.00	2.84	3.08	7.04	2.52
CV				5.72	0.67	0.00	2.99	3.28	8.16	31.16
TABLE OF A (TIME OF DAY) B (TREATMENT) MEANS										
1 7 AM				97.3 a	99.0 a	99.0 a	83.2 a	91.8 a	89.9 a	0.3 d
1 GRAMOXONE	2 SL	12.0 oz/a	EPOST							
1 STORM	4 SL	16.0 oz/a	EPOST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST							
1 CADRE	2 AS	4.0 oz/a	POST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	POST							
1 2,4-DB	1.75 SL	16.0 oz/a	POST							
2 12 pm				89.5 a	99.0 a	99.0 a	97.6 a	90.5 a	83.6 a	0.3 d
1 GRAMOXONE	2 SL	12.0 oz/a	EPOST							
1 STORM	4 SL	16.0 oz/a	EPOST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST							
1 CADRE	2 AS	4.0 oz/a	POST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	POST							
1 2,4-DB	1.75 SL	16.0 oz/a	POST							
3 5 PM				94.8 a	99.0 a	99.0 a	98.0 a	94.5 a	86.0 a	0.0 d
1 GRAMOXONE	2 SL	12.0 oz/a	EPOST							
1 STORM	4 SL	16.0 oz/a	EPOST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST							
1 CADRE	2 AS	4.0 oz/a	POST							
1 DUAL MAGNUM	7.62 EC	16.0 oz/a	POST							
1 2,4-DB	1.75 SL	16.0 oz/a	POST							

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date				IAQTA ----- CONTROL PERCENT May-27-15	RCHSC ----- CONTROL PERCENT May-27-15	AMAPA ----- CONTROL PERCENT Jun-5-15	ANNUAL GRASS ----- CONTROL PERCENT Jun-5-15	CASOB ----- CONTROL PERCENT Jun-5-15	IPOSP ----- CONTROL PERCENT Jun-5-15	----- ARAHY LEAF - BURN PERCENT Jun-15-15			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	8	9	10	11	12	13	14
4	10 PM						87.3 a	99.0 a	99.0 a	98.0 a	98.0 a	87.3 a	0.0 d
1	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
1	STORM	4	SL	16.0 oz/a	EPOST								
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
1	CADRE	2	AS	4.0 oz/a	POST								
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
1	2,4-DB	1.75	SL	16.0 oz/a	POST								
1	7 AM						95.8 a	97.7 a	99.0 a	86.6 a	93.5 a	85.3 a	10.3 c
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
2	12 pm						92.3 a	99.0 a	99.0 a	99.0 a	95.0 a	85.0 a	17.5 b
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
3	5 PM						85.0 a	99.0 a	99.0 a	99.0 a	94.8 a	89.8 a	23.8 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
4	10 PM						94.8 a	99.0 a	99.0 a	99.0 a	92.5 a	83.8 a	12.5 c
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST								
2	STORM	4	SL	16.0 oz/a	EPOST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST								
2	COBRA	2	EC	12.0 oz/a	POST								
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST								
2	2,4-DB	1.75	SL	16.0 oz/a	POST								
LSD P= .10							14.16	1.12	0.01	4.03	9.75	14.34	3.44
Standard Deviation							10.30	0.82	0.00	2.93	7.10	10.43	2.50
CV							11.19	0.83	0.00	3.08	7.56	12.09	30.88

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date				AMAPA ----- CONTROL PERCENT Jun-15-15	ANNUAL GRASS CONTROL PERCENT Jun-15-15	IPOSP ----- CONTROL PERCENT Jun-15-15	AMAPA ----- CONTROL PERCENT Jul-1-15	ANNUAL GRASS CONTROL PERCENT Jul-1-15	AMAPA ----- CONTROL PERCENT' Aug-3-15	ANNUAL GRASS CONTROL PERCENT Aug-3-15
Trt Treatment No. Name	Form Form Conc Type	Rate Grow Rate Unit	Stg	15	16	17	18	19	20	21
TABLE OF R MEANS										
Replicate 1				98.2	86.5	97.7	99.0	84.5	84.7	89.5
Replicate 2				99.0	87.5	86.3	99.0	86.0	95.5	94.5
Replicate 3				99.0	88.5	85.5	99.0	82.6	97.5	98.0
Replicate 4				99.0	86.3	89.9	99.0	87.0	97.4	94.5
TABLE OF A (TIME OF DAY) MEANS										
1 7 AM				98.8 a	76.5 c	95.0 a	99.0 a	75.3 c	93.3 ab	92.1 a
2 12 pm				98.9 a	93.7 a	87.6 a	99.0 a	90.0 a	97.7 a	95.0 a
3 5 PM				99.0 a	88.0 b	92.1 a	99.0 a	84.0 b	95.8 a	93.9 a
4 10 PM				98.5 a	90.6 ab	84.6 a	99.0 a	90.8 a	88.4 b	95.5 a
LSD P=.10				0.57	3.76	9.01	0.01	4.34	6.06	5.22
Standard Deviation				0.62	4.10	9.83	0.01	4.73	6.61	5.70
CV				0.63	4.70	10.94	0.01	5.56	7.05	6.06
TABLE OF B (TREATMENT) MEANS										
1 GRAMOXONE 2 SL 12.0 oz/a EPOST				98.7 a	92.0 a	83.1 b	99.0 a	98.3 a	91.3 b	96.5 a
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										
2 GRAMOXONE 2 SL 12.0 oz/a EPOST										
2 STORM 4 SL 16.0 oz/a EPOST										
2 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
2 COBRA 2 EC 12.0 oz/a POST										
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
2 2,4-DB 1.75 SL 16.0 oz/a POST										
LSD P=.10				0.69	2.08	9.19	0.00	5.56	4.04	3.18
Standard Deviation				0.83	2.50	11.04	0.00	6.68	4.86	3.82
CV				0.84	2.87	12.29	0.00	7.85	5.18	4.06
TABLE OF A (TIME OF DAY) B (TREATMENT) MEANS										
1 7 AM				98.8 a	84.8 cd	93.8 a	99.0 a	97.5 a	91.6 a	97.6 a
1 GRAMOXONE 2 SL 12.0 oz/a EPOST										
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										
2 12 pm				98.8 a	96.1 a	79.2 a	99.0 a	98.8 a	96.3 a	95.0 a
1 GRAMOXONE 2 SL 12.0 oz/a EPOST										
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										
3 5 PM				99.0 a	94.8 a	87.3 a	99.0 a	98.0 a	96.0 a	99.0 a
1 GRAMOXONE 2 SL 12.0 oz/a EPOST										
1 STORM 4 SL 16.0 oz/a EPOST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST										
1 CADRE 2 AS 4.0 oz/a POST										
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST										
1 2,4-DB 1.75 SL 16.0 oz/a POST										

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Weed Code				AMAPA	ANNUAL	IPOSP	AMAPA	ANNUAL	AMAPA	ANNUAL			
Crop Code				-----	GRASS	----	-----	GRASS	-----	GRASS			
Part Rated													
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit				PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT			
Rating Date				Jun-15-15	Jun-15-15	Jun-15-15	Jul-1-15	Jul-1-15	Aug-3-15	Aug-3-15			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg							
							15	16	17	18	19	20	21
4	10 PM						98.0 a	92.5 ab	72.3 a	99.0 a	99.0 a	81.3 a	94.3 a
1	GRAMOXONE	2	SL	12.0	oz/a	EPOST							
1	STORM	4	SL	16.0	oz/a	EPOST							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST							
1	CADRE	2	AS	4.0	oz/a	POST							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST							
1	2,4-DB	1.75	SL	16.0	oz/a	POST							
1	7 AM						98.8 a	68.1 e	96.3 a	99.0 a	53.2 d	95.0 a	86.6 a
2	GRAMOXONE	2	SL	12.0	oz/a	EPOST							
2	STORM	4	SL	16.0	oz/a	EPOST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST							
2	COBRA	2	EC	12.0	oz/a	POST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST							
2	2,4-DB	1.75	SL	16.0	oz/a	POST							
2	12 pm						99.0 a	91.3 ab	96.0 a	99.0 a	81.3 b	99.0 a	95.0 a
2	GRAMOXONE	2	SL	12.0	oz/a	EPOST							
2	STORM	4	SL	16.0	oz/a	EPOST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST							
2	COBRA	2	EC	12.0	oz/a	POST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST							
2	2,4-DB	1.75	SL	16.0	oz/a	POST							
3	5 PM						99.0 a	81.3 d	97.0 a	99.0 a	70.0 c	95.5 a	88.8 a
2	GRAMOXONE	2	SL	12.0	oz/a	EPOST							
2	STORM	4	SL	16.0	oz/a	EPOST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST							
2	COBRA	2	EC	12.0	oz/a	POST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST							
2	2,4-DB	1.75	SL	16.0	oz/a	POST							
4	10 PM						99.0 a	88.8 bc	97.0 a	99.0 a	82.5 b	95.5 a	96.8 a
2	GRAMOXONE	2	SL	12.0	oz/a	EPOST							
2	STORM	4	SL	16.0	oz/a	EPOST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST							
2	COBRA	2	EC	12.0	oz/a	POST							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST							
2	2,4-DB	1.75	SL	16.0	oz/a	POST							
LSD P= .10							1.14	5.77	18.26	0.01	8.16	10.00	8.72
Standard Deviation							0.83	4.20	13.29	0.00	5.94	7.27	6.35
CV							0.84	4.82	14.79	0.00	6.99	7.76	6.75

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Weed Code				CASOB
Crop Code				-----
Part Rated				
Rating Data Type				CONTROL
Rating Unit				PERCENT
Rating Date				Aug-3-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate
				Grow Unit
				Stg
				22
TABLE OF R MEANS				
Replicate 1				
83.6				
Replicate 2				
74.1				
Replicate 3				
82.1				
Replicate 4				
87.3				
TABLE OF A (TIME OF DAY) MEANS				
1 7 AM				
87.4 a				
2 12 pm				
88.4 a				
3 5 PM				
83.9 a				
4 10 PM				
67.4 b				
LSD P=.10				
6.79				
Standard Deviation				
7.41				
CV				
9.06				
TABLE OF B (TREATMENT) MEANS				
1 GRAMOXONE 2 SL 12.0 oz/a EPOST				
1 STORM 4 SL 16.0 oz/a EPOST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST				
1 CADRE 2 AS 4.0 oz/a POST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST				
1 2,4-DB 1.75 SL 16.0 oz/a POST				
92.5 a				
2 GRAMOXONE 2 SL 12.0 oz/a EPOST				
2 STORM 4 SL 16.0 oz/a EPOST				
2 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST				
2 COBRA 2 EC 12.0 oz/a POST				
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST				
2 2,4-DB 1.75 SL 16.0 oz/a POST				
71.1 b				
LSD P=.10				
13.73				
Standard Deviation				
16.50				
CV				
20.18				
TABLE OF A (TIME OF DAY) B (TREATMENT) MEANS				
1 7 AM				
1 GRAMOXONE 2 SL 12.0 oz/a EPOST				
1 STORM 4 SL 16.0 oz/a EPOST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST				
1 CADRE 2 AS 4.0 oz/a POST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST				
1 2,4-DB 1.75 SL 16.0 oz/a POST				
99.3 a				
2 12 pm				
1 GRAMOXONE 2 SL 12.0 oz/a EPOST				
1 STORM 4 SL 16.0 oz/a EPOST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST				
1 CADRE 2 AS 4.0 oz/a POST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST				
1 2,4-DB 1.75 SL 16.0 oz/a POST				
90.6 a				
3 5 PM				
1 GRAMOXONE 2 SL 12.0 oz/a EPOST				
1 STORM 4 SL 16.0 oz/a EPOST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST				
1 CADRE 2 AS 4.0 oz/a POST				
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST				
1 2,4-DB 1.75 SL 16.0 oz/a POST				
99.0 a				

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Weed Code					CASOB
Crop Code					----
Part Rated					
Rating Data Type					CONTROL
Rating Unit					PERCENT
Rating Date					Aug-3-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg
					22
4	10 PM				81.0 a
1	GRAMOXONE	2	SL	12.0 oz/a	EPOST
1	STORM	4	SL	16.0 oz/a	EPOST
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST
1	CADRE	2	AS	4.0 oz/a	POST
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST
1	2,4-DB	1.75	SL	16.0 oz/a	POST
1	7 AM				75.6 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST
2	STORM	4	SL	16.0 oz/a	EPOST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST
2	COBRA	2	EC	12.0 oz/a	POST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST
2	2,4-DB	1.75	SL	16.0 oz/a	POST
2	12 pm				86.3 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST
2	STORM	4	SL	16.0 oz/a	EPOST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST
2	COBRA	2	EC	12.0 oz/a	POST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST
2	2,4-DB	1.75	SL	16.0 oz/a	POST
3	5 PM				68.8 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST
2	STORM	4	SL	16.0 oz/a	EPOST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST
2	COBRA	2	EC	12.0 oz/a	POST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST
2	2,4-DB	1.75	SL	16.0 oz/a	POST
4	10 PM				53.8 a
2	GRAMOXONE	2	SL	12.0 oz/a	EPOST
2	STORM	4	SL	16.0 oz/a	EPOST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST
2	COBRA	2	EC	12.0 oz/a	POST
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST
2	2,4-DB	1.75	SL	16.0 oz/a	POST
LSD P=.10					20.23
Standard Deviation					14.73
CV					18.01

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COMPLETE FACTORIAL AOV For ----- ARAHY LEAF BURN PERCENT May-22-15 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	31	8937.500000				
R	3	56.250000	18.750000	1.227	0.3553	
A	3	8568.750000	2856.250000	158.192	0.0001	3.9
RA	9	162.500000	18.055556			
B	1	0.000000	0.000000	0.000	1.0000	1.2
RB	3	6.250000	2.083333			
AB	3	6.250000	2.083333	0.136	0.9358	5.1
RAB	9	137.500000	15.277778			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-22-15 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	31	41371.875000				
R	3	659.375000	219.791667	0.799	0.5248	
A	3	34634.375000	11544.791667	52.526	0.0001	13.6
RA	9	1978.125000	219.791667			
B	1	200.000000	200.000000	0.727	0.4564	13.8
RB	3	825.000000	275.000000			
AB	3	600.000000	200.000000	0.727	0.5610	21.5
RAB	9	2475.000000	275.000000			

COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT May-22-15 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	31	40411.718750				
R	3	39.843750	13.281250	1.889	0.2019	
A	3	40177.343750	13392.447917	1469.343	0.0001	2.8
RA	9	82.031250	9.114583			
B	1	19.531250	19.531250	6.818	0.0796	1.4
RB	3	8.593750	2.864583			
AB	3	21.093750	7.031250	1.000	0.4363	3.4
RAB	9	63.281250	7.031250			

COMPLETE FACTORIAL AOV For ----- ARAHY LEAF BURN PERCENT May-27-15 (Data Column 4) Missing values in column 4 results in unbalanced data, Least Squares Analysis is preferred						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	488.785741				
R	3	44.835599	14.945200	1.546	0.2969	
A	3	292.711792	97.570597	18.250	0.0004	2.1
RA	9	48.117521	5.346391			
B	1	15.810601	15.810601	2.453	0.2152	2.1
RB	3	19.332704	6.444235			
AB	3	9.969606	3.323202	0.344	0.7953	4.3
RAB	6	58.007917	9.667986			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-27-15 (Data Column 5) Missing values in column 5 results in unbalanced data, Least Squares Analysis is preferred						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	0.001211				
R	3	0.000261	0.000087	6.316	0.0275	
A	3	0.000192	0.000064	1.000	0.4363	0.0
RA	9	0.000576	0.000064			
B	1	0.000018	0.000018	1.000	0.3910	0.0
RB	3	0.000054	0.000018			
AB	3	0.000028	0.000009	0.667	0.6025	0.0
RAB	6	0.000083	0.000014			

COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT May-27-15 (Data Column 6) Missing values in column 6 results in unbalanced data, Least Squares Analysis is preferred						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	1067.634949				
R	3	282.402012	94.134004	3.175	0.1063	
A	3	414.007566	138.002522	10.725	0.0025	3.3
RA	9	115.804050	12.867117			
B	1	5.853343	5.853343	0.985	0.3942	2.0
RB	3	17.830484	5.943495			
AB	3	53.859505	17.953168	0.606	0.6352	7.5
RAB	6	177.877990	29.646332			

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COMPLETE FACTORIAL AOV For IPOLA ----- CONTROL PERCENT May-27-15 (Data Column 7) Missing values in column 7 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	4070.641364				
R	3	1474.974895	491.658298	2.389	0.1675	
A	3	172.130424	57.376808	0.736	0.5566	8.1
RA	9	701.881845	77.986872			
B	1	198.390624	198.390624	7.706	0.0692	4.2
RB	3	77.235434	25.745145			
AB	3	211.344107	70.448036	0.342	0.7962	19.7
RAB	6	1234.684036	205.780673			

COMPLETE FACTORIAL AOV For IAQTA ----- CONTROL PERCENT May-27-15 (Data Column 8) Missing values in column 8 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	1794.373820				
R	3	229.761062	76.587021	0.722	0.5747	
A	3	218.971924	72.990641	2.162	0.1624	5.3
RA	9	303.895695	33.766188			
B	1	0.422212	0.422212	0.015	0.9096	4.4
RB	3	83.172010	27.724003			
AB	3	321.380693	107.126898	1.009	0.4512	14.2
RAB	6	636.770225	106.128371			

COMPLETE FACTORIAL AOV For RCHSC ----- CONTROL PERCENT May-27-15 (Data Column 9) Missing values in column 9 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	16.910632				
R	3	1.333589	0.444530	0.667	0.6025	
A	3	2.711383	0.903794	2.033	0.1798	0.6
RA	9	4.000566	0.444507			
B	1	0.880977	0.880977	1.982	0.2539	0.6
RB	3	1.333386	0.444462			
AB	3	2.650649	0.883550	1.325	0.3507	1.1
RAB	6	4.000081	0.666680			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jun-5-15 (Data Column 10) Missing values in column 10 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	0.001211				
R	3	0.000261	0.000087	6.316	0.0275	
A	3	0.000192	0.000064	1.000	0.4363	0.0
RA	9	0.000576	0.000064			
B	1	0.000018	0.000018	1.000	0.3910	0.0
RB	3	0.000054	0.000018			
AB	3	0.000028	0.000009	0.667	0.6025	0.0
RAB	6	0.000083	0.000014			

COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT Jun-5-15 (Data Column 11) Missing values in column 11 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	1249.509077				
R	3	23.118417	7.706139	0.897	0.4955	
A	3	1100.577758	366.859253	168.325	0.0001	1.4
RA	9	19.615220	2.179469			
B	1	23.004621	23.004621	2.855	0.1896	2.4
RB	3	24.169660	8.056553			
AB	3	7.450494	2.483498	0.289	0.8322	4.0
RAB	6	51.572906	8.595484			

COMPLETE FACTORIAL AOV For CASOB ----- CONTROL PERCENT Jun-5-15 (Data Column 12) Missing values in column 12 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	820.928489				
R	3	33.957520	11.319173	0.225	0.8759	
A	3	42.595055	14.198352	0.417	0.7451	5.3
RA	9	306.428118	34.047569			
B	1	0.464508	0.464508	0.049	0.8389	2.6
RB	3	28.396539	9.465513			
AB	3	107.021803	35.673934	0.709	0.5812	9.7
RAB	6	302.064945	50.344158			

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COMPLETE FACTORIAL AOV For IPOSP ----- CONTROL PERCENT Jun-5-15 (Data Column 13) Missing values in column 13 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	2027.352674				
R	3	493.222247	164.407416	1.510	0.3049	
A	3	70.482303	23.494101	0.376	0.7723	7.2
RA	9	561.783120	62.420347			
B	1	4.606487	4.606487	0.093	0.7804	5.9
RB	3	148.707628	49.569209			
AB	3	95.273830	31.757943	0.292	0.8303	14.3
RAB	6	653.277059	108.879510			

COMPLETE FACTORIAL AOV For ----- ARAHY LEAF BURN PERCENT Jun-15-15 (Data Column 14) Missing values in column 14 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	2559.561012				
R	3	29.239450	9.746483	1.558	0.2941	
A	3	207.418506	69.139502	16.713	0.0005	1.9
RA	9	37.232029	4.136892			
B	1	2009.936193	2009.936193	315.650	0.0004	2.1
RB	3	19.102820	6.367607			
AB	3	219.109206	73.036402	11.679	0.0065	3.4
RAB	6	37.522807	6.253801			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jun-15-15 (Data Column 15) Missing values in column 15 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	16.258888				
R	3	3.433237	1.144412	1.672	0.2709	
A	3	1.149859	0.383286	1.000	0.4363	0.6
RA	9	3.449577	0.383286			
B	1	0.687424	0.687424	1.000	0.3910	0.7
RB	3	2.062271	0.687424			
AB	3	1.369130	0.456377	0.667	0.6025	1.1
RAB	6	4.107390	0.684565			

COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT Jun-15-15 (Data Column 16) Missing values in column 16 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	2654.333693				
R	3	24.987659	8.329220	0.472	0.7128	
A	3	1357.879956	452.626652	26.947	0.0001	3.8
RA	9	151.174314	16.797146			
B	1	752.738626	752.738626	120.348	0.0016	2.1
RB	3	18.764033	6.254678			
AB	3	242.966264	80.988755	4.592	0.0537	5.8
RAB	6	105.822840	17.637140			

COMPLETE FACTORIAL AOV For IPOSP ----- CONTROL PERCENT Jun-15-15 (Data Column 17) Missing values in column 17 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	5551.568597				
R	3	750.736330	250.245443	1.417	0.3270	
A	3	512.612375	170.870792	1.768	0.2231	9.0
RA	9	869.952439	96.661382			
B	1	1447.602633	1447.602633	11.875	0.0411	9.2
RB	3	365.714230	121.904743			
AB	3	545.105372	181.701791	1.029	0.4442	18.3
RAB	6	1059.845218	176.640870			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jul-1-15 (Data Column 18) Missing values in column 18 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	0.001211				
R	3	0.000261	0.000087	6.316	0.0275	
A	3	0.000192	0.000064	1.000	0.4363	0.0
RA	9	0.000576	0.000064			
B	1	0.000018	0.000018	1.000	0.3910	0.0
RB	3	0.000054	0.000018			
AB	3	0.000028	0.000009	0.667	0.6025	0.0
RAB	6	0.000083	0.000014			

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COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT Jul-1-15 (Data Column 19) Missing values in column 19 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	8518.450296				
R	3	86.968175	28.989392	0.821	0.5281	
A	3	1222.535146	407.511715	18.216	0.0004	4.3
RA	9	201.337266	22.370807			
B	1	5663.187732	5663.187732	126.979	0.0015	5.6
RB	3	133.797843	44.599281			
AB	3	998.759753	332.919918	9.428	0.0109	8.2
RAB	6	211.864380	35.310730			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT' Aug-3-15 (Data Column 20) Missing values in column 20 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	2505.466209				
R	3	893.745713	297.915238	5.630	0.0353	
A	3	386.872021	128.957340	2.952	0.0907	6.1
RA	9	393.227302	43.691922			
B	1	195.385000	195.385000	8.273	0.0637	4.0
RB	3	70.849352	23.616451			
AB	3	247.883963	82.627988	1.561	0.2935	10.0
RAB	6	317.502857	52.917143			

COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT Aug-3-15 (Data Column 21) Missing values in column 21 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	1391.373420				
R	3	295.402903	98.467634	2.443	0.1621	
A	3	53.590641	17.863547	0.550	0.6607	5.2
RA	9	292.325586	32.480621			
B	1	174.919474	174.919474	12.007	0.0405	3.2
RB	3	43.703565	14.567855			
AB	3	289.564957	96.521652	2.394	0.1670	8.7
RAB	6	241.866293	40.311049			

COMPLETE FACTORIAL AOV For CASOB ----- CONTROL PERCENT Aug-3-15 (Data Column 22) Missing values in column 22 results in unbalanced data, Least Squares Analysis is preferred

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	28	10121.208405				
R	3	734.642238	244.880746	1.129	0.4094	
A	3	2300.048060	766.682687	13.970	0.0010	6.8
RA	9	493.924263	54.880474			
B	1	3655.329516	3655.329516	13.422	0.0352	13.7
RB	3	817.001822	272.333941			
AB	3	819.125163	273.041721	1.259	0.3693	20.2
RAB	6	1301.137344	216.856224			

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
 IPOLA = MORNINGGLORY, SMALL WHITE / IPOMOEA LACUNOSA L.
 IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
 RCHSC = PUSLEY, FLORIDA / RICHARDIA SCABRA L.
 CASOB = SICKLEPOD / CASSIA OBTUSIFOLIA L.

Part Rated

LEAF = LEAF / FOLIAGE

University of Georgia

INFLUENCE OF TIME OF DAY APPLICATIONS ON PEANUT WEED CONTROL SYSTEMS - II														
Trial ID: PE-04B-15		Study Dir.: O.W. CARTER												
Location: ATTAPULGUS		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- ARAHY LEAF - BURN PERCENT May-22-15	AMAPA ----- CONTROL PERCENT May-22-15	ANNUAL GRASS CONTROL PERCENT May-22-15	----- ARAHY LEAF - BURN PERCENT May-27-15	AMAPA ----- CONTROL PERCENT May-27-15	ANNUAL GRASS CONTROL PERCENT May-27-15	IPOLA ----- CONTROL PERCENT May-27-15		
Trt	Treatment	Form	Form	Rate	Grow									
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	1	2	3	4	5	6	7
1	7 AM						101	40.0	85.0	75.0	24.2*	99.0*	89.9*	100.0*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	204	40.0	80.0	80.0	20.0	99.0	90.0	90.0
	STORM	4	SL	16.0	oz/a	EPOST	305	35.0	90.0	85.0	25.0	99.0	80.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	406	35.0	90.0	85.0	25.0	99.0	90.0	90.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	37.5	86.3	81.3	23.5	99.0	87.5	94.8
2	7 AM						102	40.0	85.0	80.0	24.2*	99.0*	91.5*	92.5*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	207	50.0	90.0	90.0	25.0	99.0	90.0	85.0
	STORM	4	SL	16.0	oz/a	EPOST	301	35.0	0.0	85.0	25.0	99.0	90.0	60.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	405	30.0	90.0	85.0	20.0	99.0	85.0	90.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	38.8	66.3	85.0	23.5	99.0	89.1	81.9
3	12 pm						103	20.0	50.0	50.0	22.5*	99.0*	100.0*	94.2*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	208	30.0	50.0	50.0	25.0	99.0	99.0	80.0
	STORM	4	SL	16.0	oz/a	EPOST	307	30.0	50.0	50.0	20.0	99.0	99.0	65.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	401	20.0	50.0	50.0	20.0	99.0	95.0	95.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	25.0	50.0	50.0	21.9	99.0	98.3	83.6
4	12 pm						104	25.0	50.0	50.0	20.0	99.0	99.0	95.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	202	20.0	50.0	50.0	25.0	99.0	99.0	90.0
	STORM	4	SL	16.0	oz/a	EPOST	304	25.0	50.0	60.0	20.0	99.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	403	25.0	50.0	50.0	20.0	99.0	90.0	70.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	23.8	50.0	52.5	21.3	99.0	96.8	85.0
5	5 PM						105	0.0	0.0	0.0	25.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	203	0.0	0.0	0.0	25.0	99.0	95.0	80.0
	STORM	4	SL	16.0	oz/a	EPOST	306	0.0	0.0	0.0	25.0	99.0	99.0	80.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	409	0.0	0.0	0.0	25.0	99.0	95.0	95.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	0.0	0.0	0.0	25.0	99.0	97.0	88.5
6	5 PM						106	0.0	0.0	0.0	25.0	99.0	99.0	95.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	201	0.0	0.0	0.0	25.0	99.0	99.0	70.0
	STORM	4	SL	16.0	oz/a	EPOST	309	0.0	0.0	0.0	25.0	99.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	404	0.0	0.0	0.0	15.0	99.0	85.0	85.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	0.0	0.0	0.0	22.5	99.0	95.5	85.0
7	10 PM						107	0.0	0.0	0.0	20.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	209	0.0	0.0	0.0	20.0	99.0	95.0	85.0
	STORM	4	SL	16.0	oz/a	EPOST	303	0.0	0.0	0.0	15.0	99.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	402	0.0	0.0	0.0	15.0	99.0	80.0	70.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	0.0	0.0	0.0	17.5	99.0	93.3	84.8

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						IAQTA ----- CONTROL PERCENT May-27-15	RCHSC ----- CONTROL PERCENT May-27-15	AMAPA ----- CONTROL PERCENT Jun-5-15	ANNUAL GRASS CONTROL PERCENT Jun-5-15	CASOB ----- CONTROL PERCENT Jun-5-15	IPOSP ----- CONTROL PERCENT Jun-5-15	----- ARAHY LEAF - BURN PERCENT Jun-15-15		
Trt	Treatment	Form	Form	Rate	Grow	8	9	10	11	12	13	14		
No.	Name	Conc	Type	Rate	Unit	Stg	Plot							
1	7 AM						101	100.0*	99.0*	99.0*	82.9*	93.1*	95.8*	1.4*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	204	95.0	99.0	99.0	80.0	80.0	80.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	305	95.0	99.0	99.0	80.0	95.0	99.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	406	99.0	99.0	99.0	90.0	99.0	85.0	0.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	97.3	99.0	99.0	83.2	91.8	89.9	0.3
2	7 AM						102	99.3*	97.7*	99.0*	86.2*	94.8*	91.2*	11.4*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	207	95.0	99.0	99.0	85.0	90.0	85.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	301	90.0	95.0	99.0	90.0	99.0	80.0	10.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	405	99.0	99.0	99.0	85.0	90.0	85.0	10.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	95.8	97.7	99.0	86.6	93.5	85.3	10.3
3	12 pm						103	93.0*	99.0*	99.0*	97.2*	91.8*	89.5*	1.4*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	208	90.0	99.0	99.0	95.0	95.0	90.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	307	90.0	99.0	99.0	99.0	80.0	65.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	401	85.0	99.0	99.0	99.0	95.0	90.0	0.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	89.5	99.0	99.0	97.6	90.5	83.6	0.3
4	12 pm						104	95.0	99.0	99.0	99.0	95.0	80.0	20.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	202	99.0	99.0	99.0	99.0	95.0	85.0	15.0
	STORM	4	SL	16.0	oz/a	EPOST	304	90.0	99.0	99.0	99.0	95.0	90.0	20.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	403	85.0	99.0	99.0	99.0	95.0	85.0	15.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	92.3	99.0	99.0	99.0	95.0	85.0	17.5
5	5 PM						105	95.0	99.0	99.0	95.0	99.0	99.0	0.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	203	99.0	99.0	99.0	99.0	95.0	80.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	306	90.0	99.0	99.0	99.0	99.0	75.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	409	95.0	99.0	99.0	99.0	85.0	90.0	0.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	94.8	99.0	99.0	98.0	94.5	86.0	0.0
6	5 PM						106	95.0	99.0	99.0	99.0	95.0	99.0	30.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	201	75.0	99.0	99.0	99.0	99.0	95.0	20.0
	STORM	4	SL	16.0	oz/a	EPOST	309	90.0	99.0	99.0	99.0	90.0	85.0	25.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	404	80.0	99.0	99.0	99.0	95.0	80.0	20.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	85.0	99.0	99.0	99.0	94.8	89.8	23.8
7	10 PM						107	95.0	99.0	99.0	99.0	99.0	99.0	0.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	209	90.0	99.0	99.0	95.0	95.0	90.0	0.0
	STORM	4	SL	16.0	oz/a	EPOST	303	99.0	99.0	99.0	99.0	99.0	85.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	402	65.0	99.0	99.0	99.0	99.0	75.0	0.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	87.3	99.0	99.0	98.0	98.0	87.3	0.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						AMAPA ----- CONTROL PERCENT Jun-15-15	ANNUAL GRASS CONTROL PERCENT Jun-15-15	IPOSP ----- CONTROL PERCENT Jun-15-15	AMAPA ----- CONTROL PERCENT Jul-1-15	ANNUAL GRASS CONTROL PERCENT Jul-1-15	AMAPA ----- CONTROL PERCENT' Aug-3-15	ANNUAL GRASS CONTROL PERCENT Aug-3-15		
Trt	Treatment	Form	Form	Rate	Grow									
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	15	16	17	18	19	20	21
1	7 AM						101	98.3*	84.2*	100.0*	99.0*	97.0*	83.6*	93.5*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	204	99.0	85.0	85.0	99.0	95.0	85.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	305	99.0	85.0	95.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	406	99.0	85.0	95.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	98.8	84.8	93.8	99.0	97.5	91.6	97.6
2	7 AM						102	98.3*	67.5*	100.0*	99.0*	52.7*	86.9*	82.5*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	207	99.0	65.0	95.0	99.0	50.0	99.0	75.0
	STORM	4	SL	16.0	oz/a	EPOST	301	99.0	70.0	95.0	99.0	50.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	405	99.0	70.0	95.0	99.0	60.0	99.0	90.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	98.8	68.1	96.3	99.0	53.2	95.0	86.6
3	12 pm						103	98.3*	95.6*	86.8*	99.0*	98.4*	88.3*	90.8*
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	208	99.0	95.0	85.0	99.0	99.0	99.0	95.0
	STORM	4	SL	16.0	oz/a	EPOST	307	99.0	99.0	50.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	401	99.0	95.0	95.0	99.0	99.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	98.8	96.1	79.2	99.0	98.8	96.3	95.0
4	12 pm						104	99.0	85.0	99.0	99.0	85.0	99.0	95.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	202	99.0	90.0	95.0	99.0	85.0	99.0	95.0
	STORM	4	SL	16.0	oz/a	EPOST	304	99.0	95.0	95.0	99.0	80.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	403	99.0	95.0	95.0	99.0	75.0	99.0	95.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	99.0	91.3	96.0	99.0	81.3	99.0	95.0
5	5 PM						105	99.0	95.0	99.0	99.0	99.0	95.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	203	99.0	95.0	75.0	99.0	95.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	306	99.0	99.0	80.0	99.0	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	409	99.0	90.0	95.0	99.0	99.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	99.0	94.8	87.3	99.0	98.0	96.0	99.0
6	5 PM						106	99.0	80.0	99.0	99.0	60.0	85.0	85.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	201	99.0	90.0	95.0	99.0	80.0	99.0	95.0
	STORM	4	SL	16.0	oz/a	EPOST	309	99.0	80.0	99.0	99.0	60.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	404	99.0	75.0	95.0	99.0	80.0	99.0	80.0
	COBRA	2	EC	12.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	99.0	81.3	97.0	99.0	70.0	95.5	88.8
7	10 PM						107	95.0	95.0	99.0	99.0	99.0	55.0	80.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	209	99.0	90.0	65.0	99.0	99.0	85.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	303	99.0	90.0	75.0	99.0	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	402	99.0	95.0	50.0	99.0	99.0	90.0	99.0
	CADRE	2	AS	4.0	oz/a	POST								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST								
	2,4-DB	1.75	SL	16.0	oz/a	POST								
							Mean =	98.0	92.5	72.3	99.0	99.0	81.3	94.3

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Weed Code						CASOB
Crop Code						-----
Part Rated						
Rating Data Type						CONTROL
Rating Unit						PERCENT
Rating Date						Aug-3-15
Trt	Treatment	Form	Form	Rate	Grow	
No.	Name	Conc	Type	Rate	Unit	Stg
						Plot
						22
1	7 AM					101
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 204
	STORM	4	SL	16.0	oz/a	EPOST 305
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 406
	CADRE	2	AS	4.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						99.3
2	7 AM					102
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 207
	STORM	4	SL	16.0	oz/a	EPOST 301
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 405
	COBRA	2	EC	12.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						75.6
3	12 pm					103
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 208
	STORM	4	SL	16.0	oz/a	EPOST 307
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 401
	CADRE	2	AS	4.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						90.6
4	12 pm					104
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 202
	STORM	4	SL	16.0	oz/a	EPOST 304
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 403
	COBRA	2	EC	12.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						86.3
5	5 PM					105
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 203
	STORM	4	SL	16.0	oz/a	EPOST 306
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 409
	CADRE	2	AS	4.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						99.0
6	5 PM					106
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 201
	STORM	4	SL	16.0	oz/a	EPOST 309
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 404
	COBRA	2	EC	12.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						68.8
7	10 PM					107
	GRAMOXONE	2	SL	12.0	oz/a	EPOST 209
	STORM	4	SL	16.0	oz/a	EPOST 303
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST 402
	CADRE	2	AS	4.0	oz/a	POST
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST
	2,4-DB	1.75	SL	16.0	oz/a	POST
						Mean =
						81.0

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Weed Code						CASOB
Crop Code						-----
Part Rated						
Rating Data Type						CONTROL
Rating Unit						PERCENT
Rating Date						Aug-3-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg	Plot
8	10 PM					108
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	206
	STORM	4	SL	16.0 oz/a	EPOST	308
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	407
	COBRA	2	EC	12.0 oz/a	POST	
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	
	2,4-DB	1.75	SL	16.0 oz/a	POST	
					Mean =	53.8
9	NTC					109
						205
						302
						408
					Mean =	0.0

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INFLUENCE OF TIME OF DAY APPLICATIONS ON PEANUT
WEED CONTROL SYSTEMS - II

Trial ID: PE-04B-15 Study Dir.: O.W. CARTER
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
IPOLA = MORNINGGLORY, SMALL WHITE / IPOMOEA LACUNOSA L.
IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
RCHSC = PUSLEY, FLORIDA / RICHARDIA SCABRA L.
CASOB = SICKLEPOD / CASSIA OBTUSIFOLIA L.

Part Rated

LEAF = LEAF / FOLIAGE