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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	Appl Stg	Appl Code	Amt Product to Measure	Rep			
									1	2	3	4
8	11002AIXR NOZZLES								108	201	302	409
	PROWL H2O	3.8	EC	32.0	oz/a	PRE	A	25.0 ml/mx				
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	12.5 ml/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	9.765 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
2,4-DB	1.75	SL	16.0	oz/a	POST	C	12.5 ml/mx					
9	TTI-02 NOZZLES								110	208	301	411
	PROWL H2O	3.8	EC	32.0	oz/a	PRE	A	25.0 ml/mx				
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	12.5 ml/mx				
10	TTI-02 NOZZLES								111	210	307	408
	PROWL H2O	3.8	EC	32.0	oz/a	PRE	A	25.0 ml/mx				
	VALOR SX	51	WG	3.0	oz/a	PRE	A	2.247 g/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	0.1685 g/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	9.765 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
	2,4-DB	1.75	SL	16.0	oz/a	POST	C	12.5 ml/mx				
11	TTI-02 NOZZLES								112	205	308	410
	PROWL H2O	3.8	EC	32.0	oz/a	PRE	A	25.0 ml/mx				
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	12.5 ml/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	3.125 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
2,4-DB	1.75	SL	16.0	oz/a	POST	C	12.5 ml/mx					
12	TTI-02 NOZZLES								113	203	311	405
	PROWL H2O	3.8	EC	32.0	oz/a	PRE	A	25.0 ml/mx				
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	9.374 ml/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	12.5 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	12.5 ml/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	9.765 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	12.5 ml/mx				
2,4-DB	1.75	SL	16.0	oz/a	POST	C	12.5 ml/mx					

Sort Order: Treatment

Trial Comments
<p>DIGGING DATE: SEPTEMBER 14                      HARVEST DATE: SEPTEMBER 18                      HARVEST MOISTURE: 17.1%                      YIELDS ADJUSTED TO 10%</p> <p>A NTC WAS INCLUDED IN EACH REP BUT WAS NOT USED IN DATA ANALYSIS</p> <p>NOZZLE TYPE #3 WAS TTI02 BUT IT IS NOT SHOWING UP IN THE PRINTOUT?????????</p> <p><b><u>SUMMARY:</u></b></p> <p>1) NO INTERACTION BETWEEN NOZZLE TYPE AND TREATMENT FOR ANY DATA EXCEPT PEANUT LEAF BURN ON JUNE 18.</p> <p>2) NOZZLE TYPE HAD NO EFFECT ON PALMER AMARANTH CONTROL. THE EFFECT OF NOZZLE TYPE WAS ONLY SIGNIFICANT FOR THE FOLLOWING:</p> <p>PEANUT STUNTING - MAY 11 (TTI02 &lt; 11002AIXR)                      PEANUT LEAF BURN - MAY 19 (11002DG &gt; 11002AIXR = TTI02)</p> <p>3) VALOR + PROWL WAS MORE EFFECTIVE THAN PROWL IN CONTROLLING PALMER AMARANTH BEFORE THE EPOST APPLICATIONS WERE APPLIED.</p>

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- 4) AFTER THE EPOST AND POST APPLICATIONS WERE APPLIED, THERE WER NO DIFFERENCES IN PALMER AMARANTH, CARPETWEED, AND ANNUAL GRASS CONTROL BETWEEN TREATMENTS.
- 5) POST APPLICATIONS OF COBRA WERE MORE INJURIOUS THAN CADRE.
- 6) PEANUT YIELDS NOT NOT INFLUENCED BY NOZZLE TYPE OR HERBICIDE TREATMENT.

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**INFLUENCE OF NOZZLE TYPE ON WEED CONTROL IN PEANUT - I**

Trial ID: PE-05AX-15      Study Dir.: O.W. CARTER  
 Location: PONDER FARM      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 AMARANHT      **2:** MOLVE      CARPETWEED  
**Weed 3:** AGRASS TPANICUM + CRAB+CROW+GOOSE      **4:** \_\_\_\_\_

**Crop 1:** ARAHY PEANUT      **Variety:** GA-06G      **Planting Date:** Apr-27-15  
**Planting Method:** MONOSEM TWIN ROW      **Rate:** 3.1      **SEED/FT**      **Depth:** 2      **IN**  
**Perennial Age:** \_\_\_\_\_      **Row Spacing:** \_\_\_\_\_      **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:** 36"-9" TWIN ROW SPACING; DYNASTY PD SEED TRT, THIMET INFR;

<b>Previous: Crops</b>	<b>Pesticides</b>	<b>Year</b>
1. COTTON	2014	_____

**MAINTENANCE**

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

	Form	Form	Form	Rate	
<b>No. Date</b>	<b>Treatment Name</b>	<b>Conc</b>	<b>Unit</b>	<b>Type Rate</b>	<b>Unit</b>
1. _____	_____	_____	_____	_____	_____

**SOIL DESCRIPTION**

**Texture:** SAND      **% OM:** 0.53      **% Sand:** 92      **% Silt:** 6      **% Clay:** 2  
**pH:** 6.3      **CEC:** 2.6      **Soil Name:** DOTHAN      **Fertility Level:** GOOD

**MOISTURE CONDITIONS**

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Apr-28-15	_____	0.09	IN	RAINFALL	_____	_____
2. Apr-29-15	_____	1.09	IN	RAINFALL	_____	_____
3. May-8-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4. May-13-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
5. May-18-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
6. Jun-2-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____

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

**APPLICATION DESCRIPTION**

	A	B	C	D	E	F
<b>Application Date:</b>	Apr-29-15	May-12-15	Jun-8-15	_____	_____	_____
<b>Time of Day:</b>	3:30 PM	7:15 AM	7:15 AM	_____	_____	_____
<b>Application Method:</b>	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
<b>Application Timing:</b>	PRE	EPOST	POST	_____	_____	_____
<b>Applic. Placement:</b>	SOIL	FOLIAGE	FOLIAGE	_____	_____	_____
<b>Air Temp., Unit:</b>	77      F	72      F	77      F	_____	_____	_____
<b>% Relative Humidity:</b>	51	99	86	_____	_____	_____
<b>Wind Velocity, Unit:</b>	1      MPH	3      MPH	1      MPH	_____	_____	_____
<b>Dew Presence (Y/N):</b>	N	Y	Y	_____	_____	_____
<b>Water Hardness:</b>	---	---	---	_____	_____	_____
<b>Soil Temp., Unit:</b>	74      F	78      F	82      F	_____	_____	_____
<b>Soil Moisture:</b>	OPT	OPT	OPT	_____	_____	_____
<b>% Cloud Cover:</b>	100	100	0	_____	_____	_____

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CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: ARAHY	V3	R1				
	Stage Scale:	2" TALL	6" TALL				
	Height, Unit:						

WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	2"	1-8"				
	Stage Scale:						
	Density, Unit:						
Weed 2	Stage: MOLVE	1"	1"				
	Stage Scale:						
	Density, Unit:						
Weed 3	Stage: AGRASS	1-3"	1-6"				
	Stage Scale:						
	Density, Unit:						

APPLICATION EQUIPMENT							
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME	SAME				
Operating Pressure:	38	35					
Nozzle Type:							
Nozzle Size:							
Nozzle Spacing, Unit:	20	IN					
Nozzles/Row:							
Band Width, Unit:							
Boom Length, Unit:	60	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):	-	-	-	-	-	-	-

Trt No	Treatment Application Comment

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INFLUENCE OF NOZZLE TYPE ON WEED CONTROL IN PEANUT - I													
Trial ID: PE-05AX-15		Study Dir.: O.W. CARTER											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ARAHY PLANT - STUNTING PERCENT May-11-15	----- ARAHY PLANT - STUNTING PERCENT May-19-15	----- ARAHY LEAF - BURN PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-19-15	MOLVE ----- CONTROL PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-11-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6
<b>TABLE OF R MEANS</b>													
Replicate 1								4.2	5.4	7.5	99.0	99.0	88.6
Replicate 2								3.3	4.6	6.3	97.8	99.0	89.4
Replicate 3								5.0	6.3	5.8	98.7	99.0	79.8
Replicate 4								4.2	5.8	5.0	97.8	99.0	84.9
<b>TABLE OF A (NOZZLE TYPE) MEANS</b>													
1 11002DG NOZZLES								3.8 ab	5.3 a	7.5 a	98.1 a	99.0 a	89.8 a
2 11002AIXR NOZZLES								6.3 a	5.6 a	5.3 b	98.1 a	99.0 a	84.4 a
3								2.5 b	5.6 a	5.6 b	98.8 a	99.0 a	82.9 a
LSD P=.10								2.56	1.69	1.31	2.24	.	14.91
Standard Deviation								3.73	2.47	1.91	3.26	0.00	21.70
CV								89.44	44.65	31.07	3.32	0.00	25.33
<b>TABLE OF B (TREATMENT) MEANS</b>													
1 PROWL H20 3.8 EC 32.0 oz/a PRE A								4.2 a	2.9 b	0.0 b	96.3 b	99.0 a	99.0 a
1 VALOR SX 51 WG 3.0 oz/a PRE A													
1 STRONGARM 84 WG 0.225 oz/a PRE A													
1 CADRE 2 AS 4.0 oz/a POST C													
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
1 2,4-DB 1.75 SL 16.0 oz/a POST C													
2 PROWL H20 3.8 EC 32.0 oz/a PRE A								5.0 a	1.7 b	0.0 b	99.0 a	99.0 a	99.0 a
2 VALOR SX 51 WG 3.0 oz/a PRE A													
2 STRONGARM 84 WG 0.225 oz/a PRE A													
2 COBRA 2 EC 12.5 oz/a POST C													
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
2 2,4-DB 1.75 SL 16.0 oz/a POST C													
3 PROWL H20 3.8 EC 32.0 oz/a PRE A								5.8 a	8.8 a	12.9 a	99.0 a	99.0 a	74.8 b
3 GRAMOXONE 2 SL 12.0 oz/a EPOST B													
3 STORM 4 SL 16.0 oz/a EPOST B													
3 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B													
3 CADRE 2 AS 4.0 oz/a POST C													
3 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
3 2,4-DB 1.75 SL 16.0 oz/a POST C													
4 PROWL H20 3.8 EC 32.0 oz/a PRE A								1.7 b	8.8 a	11.7 a	99.0 a	99.0 a	70.0 b
4 GRAMOXONE 2 SL 12.0 oz/a EPOST B													
4 STORM 4 SL 16.0 oz/a EPOST B													
4 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B													
4 COBRA 2 EC 12.5 oz/a POST C													
4 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
4 2,4-DB 1.75 SL 16.0 oz/a POST C													
LSD P=.10								2.49	3.23	1.77	1.54	.	16.55
Standard Deviation								3.33	4.31	2.37	2.05	0.00	22.11
CV								80.00	78.07	38.55	2.09	0.00	25.81
<b>TABLE OF A (NOZZLE TYPE) B (TREATMENT) MEANS</b>													
1 11002DG NOZZLES								0.0 a	3.8 a	0.0 a	95.5 a	99.0 a	99.0 a
1 PROWL H20 3.8 EC 32.0 oz/a PRE A													
1 VALOR SX 51 WG 3.0 oz/a PRE A													
1 STRONGARM 84 WG 0.225 oz/a PRE A													
1 CADRE 2 AS 4.0 oz/a POST C													
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
1 2,4-DB 1.75 SL 16.0 oz/a POST C													

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 Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ARAHY PLANT - STUNTING PERCENT May-11-15	----- ARAHY PLANT - STUNTING PERCENT May-19-15	----- ARAHY LEAF - BURN PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-19-15	MOLVE ----- CONTROL PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-11-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
2	11002AIXR NOZZLES						7.5 a	2.5 a	0.0 a	95.5 a	99.0 a	99.0 a
1	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
1	VALOR SX	51	WG	3.0 oz/a	PRE	A						
1	STRONGARM	84	WG	0.225 oz/a	PRE	A						
1	CADRE	2	AS	4.0 oz/a	POST	C						
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
1	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3							5.0 a	2.5 a	0.0 a	98.0 a	99.0 a	99.0 a
1	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
1	VALOR SX	51	WG	3.0 oz/a	PRE	A						
1	STRONGARM	84	WG	0.225 oz/a	PRE	A						
1	CADRE	2	AS	4.0 oz/a	POST	C						
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
1	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
1	11002DG NOZZLES						5.0 a	1.3 a	0.0 a	99.0 a	99.0 a	99.0 a
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
2	VALOR SX	51	WG	3.0 oz/a	PRE	A						
2	STRONGARM	84	WG	0.225 oz/a	PRE	A						
2	COBRA	2	EC	12.5 oz/a	POST	C						
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
2	11002AIXR NOZZLES						7.5 a	1.3 a	0.0 a	99.0 a	99.0 a	99.0 a
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
2	VALOR SX	51	WG	3.0 oz/a	PRE	A						
2	STRONGARM	84	WG	0.225 oz/a	PRE	A						
2	COBRA	2	EC	12.5 oz/a	POST	C						
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3							2.5 a	2.5 a	0.0 a	99.0 a	99.0 a	99.0 a
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
2	VALOR SX	51	WG	3.0 oz/a	PRE	A						
2	STRONGARM	84	WG	0.225 oz/a	PRE	A						
2	COBRA	2	EC	12.5 oz/a	POST	C						
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
1	11002DG NOZZLES						7.5 a	7.5 a	16.3 a	99.0 a	99.0 a	79.8 a
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
3	STORM	4	SL	16.0 oz/a	EPOST	B						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
3	CADRE	2	AS	4.0 oz/a	POST	C						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
2	11002AIXR NOZZLES						7.5 a	10.0 a	11.3 a	99.0 a	99.0 a	63.5 a
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
3	STORM	4	SL	16.0 oz/a	EPOST	B						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
3	CADRE	2	AS	4.0 oz/a	POST	C						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3							2.5 a	8.8 a	11.3 a	99.0 a	99.0 a	81.0 a
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
3	STORM	4	SL	16.0 oz/a	EPOST	B						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
3	CADRE	2	AS	4.0 oz/a	POST	C						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C						

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						----- ARAHY PLANT - STUNTING PERCENT May-11-15	----- ARAHY PLANT - STUNTING PERCENT May-19-15	----- ARAHY LEAF - BURN PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-19-15	MOLVE ----- CONTROL PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-11-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	11002DG NOZZLES						2.5 a	8.8 a	13.8 a	99.0 a	99.0 a	81.3 a
4	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
4	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
4	STORM	4	SL	16.0 oz/a	EPOST	B						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
4	COBRA	2	EC	12.5 oz/a	POST	C						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
4	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
2	11002AIXR NOZZLES						2.5 a	8.8 a	10.0 a	99.0 a	99.0 a	76.3 a
4	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
4	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
4	STORM	4	SL	16.0 oz/a	EPOST	B						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
4	COBRA	2	EC	12.5 oz/a	POST	C						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
4	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3							0.0 a	8.8 a	11.3 a	99.0 a	99.0 a	52.5 a
4	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
4	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
4	STORM	4	SL	16.0 oz/a	EPOST	B						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
4	COBRA	2	EC	12.5 oz/a	POST	C						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
4	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
LSD P=.10							7.08	4.18	2.62	4.00	.	24.16
Standard Deviation							5.77	3.41	2.14	3.26	0.00	19.70
CV							138.56	61.78	34.79	3.32	0.00	23.00



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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-3-15	MOLVE ----- CONTROL PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-18-15	ANNUAL GRASS CONTROL PERCENT Jun-18-15	MOLVE ----- CONTROL PERCENT Jun-18-15	----- ARAHY LEAF - BURN PERCENT Jun-18-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit Stg	Appl Code	7	8	9	10	11	12
TABLE OF R MEANS												
Replicate 1												
							97.5	99.0	96.6	96.6	99.0	7.5
							97.2	99.0	96.3	99.0	99.0	8.3
							97.3	99.0	94.8	99.0	99.0	7.9
							96.5	99.0	97.2	99.0	99.0	5.0
TABLE OF A (NOZZLE TYPE) MEANS												
1 11002DG NOZZLES												
							98.1 a	99.0 a	97.3 a	99.0 a	99.0 a	5.9 c
2 11002AIXR NOZZLES												
							96.3 a	99.0 a	95.0 a	99.0 a	99.0 a	8.8 a
3												
							96.9 a	99.0 a	96.4 a	97.2 a	99.0 a	6.9 b
LSD P=.10												
Standard Deviation							3.58	.	5.35	2.88	.	0.64
CV							5.21	0.00	7.78	4.19	0.00	0.93
							5.36	0.00	8.09	4.25	0.00	12.96
TABLE OF B (TREATMENT) MEANS												
1 PROWL H20 3.8 EC 32.0 oz/a PRE A												
							96.0 a	99.0 a	95.2 a	99.0 a	99.0 a	3.3 b
1 VALOR SX 51 WG 3.0 oz/a PRE A												
1 STRONGARM 84 WG 0.225 oz/a PRE A												
1 CADRE 2 AS 4.0 oz/a POST C												
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C												
1 2,4-DB 1.75 SL 16.0 oz/a POST C												
2 PROWL H20 3.8 EC 32.0 oz/a PRE A												
							98.0 a	99.0 a	97.5 a	99.0 a	99.0 a	11.3 a
2 VALOR SX 51 WG 3.0 oz/a PRE A												
2 STRONGARM 84 WG 0.225 oz/a PRE A												
2 COBRA 2 EC 12.5 oz/a POST C												
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C												
2 2,4-DB 1.75 SL 16.0 oz/a POST C												
3 PROWL H20 3.8 EC 32.0 oz/a PRE A												
							97.6 a	99.0 a	97.4 a	99.0 a	99.0 a	2.9 b
3 GRAMOXONE 2 SL 12.0 oz/a EPOST B												
3 STORM 4 SL 16.0 oz/a EPOST B												
3 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B												
3 CADRE 2 AS 4.0 oz/a POST C												
3 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C												
3 2,4-DB 1.75 SL 16.0 oz/a POST C												
4 PROWL H20 3.8 EC 32.0 oz/a PRE A												
							96.8 a	99.0 a	94.8 a	96.6 a	99.0 a	11.3 a
4 GRAMOXONE 2 SL 12.0 oz/a EPOST B												
4 STORM 4 SL 16.0 oz/a EPOST B												
4 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B												
4 COBRA 2 EC 12.5 oz/a POST C												
4 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C												
4 2,4-DB 1.75 SL 16.0 oz/a POST C												
LSD P=.10												
Standard Deviation							2.23	.	4.47	3.13	.	1.84
CV							2.98	0.00	5.97	4.19	0.00	2.47
							3.07	0.00	6.20	4.25	0.00	34.30
TABLE OF A (NOZZLE TYPE) B (TREATMENT) MEANS												
1 11002DG NOZZLES												
							95.5 a	99.0 a	92.0 a	99.0 a	99.0 a	0.0 e
1 PROWL H20 3.8 EC 32.0 oz/a PRE A												
1 VALOR SX 51 WG 3.0 oz/a PRE A												
1 STRONGARM 84 WG 0.225 oz/a PRE A												
1 CADRE 2 AS 4.0 oz/a POST C												
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C												
1 2,4-DB 1.75 SL 16.0 oz/a POST C												

# University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-3-15	MOLVE ----- CONTROL PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-18-15	ANNUAL GRASS CONTROL PERCENT Jun-18-15	MOLVE ----- CONTROL PERCENT Jun-18-15	----- ARAHY LEAF - BURN PERCENT Jun-18-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
2	11002AIXR NOZZLES						95.5 a	99.0 a	96.8 a	99.0 a	99.0 a	5.0 d
1	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
1	VALOR SX	51	WG	3.0 oz/a	PRE	A						
1	STRONGARM	84	WG	0.225 oz/a	PRE	A						
1	CADRE	2	AS	4.0 oz/a	POST	C						
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
1	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3	11002DG NOZZLES						97.0 a	99.0 a	96.8 a	99.0 a	99.0 a	5.0 d
1	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
1	VALOR SX	51	WG	3.0 oz/a	PRE	A						
1	STRONGARM	84	WG	0.225 oz/a	PRE	A						
1	CADRE	2	AS	4.0 oz/a	POST	C						
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
1	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
1	11002DG NOZZLES						99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	12.5 ab
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
2	VALOR SX	51	WG	3.0 oz/a	PRE	A						
2	STRONGARM	84	WG	0.225 oz/a	PRE	A						
2	COBRA	2	EC	12.5 oz/a	POST	C						
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
2	11002AIXR NOZZLES						97.0 a	99.0 a	94.5 a	99.0 a	99.0 a	12.5 ab
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
2	VALOR SX	51	WG	3.0 oz/a	PRE	A						
2	STRONGARM	84	WG	0.225 oz/a	PRE	A						
2	COBRA	2	EC	12.5 oz/a	POST	C						
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3	11002DG NOZZLES						98.0 a	99.0 a	99.0 a	99.0 a	99.0 a	8.8 c
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
2	VALOR SX	51	WG	3.0 oz/a	PRE	A						
2	STRONGARM	84	WG	0.225 oz/a	PRE	A						
2	COBRA	2	EC	12.5 oz/a	POST	C						
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
1	11002DG NOZZLES						99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	0.0 e
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
3	STORM	4	SL	16.0 oz/a	EPOST	B						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
3	CADRE	2	AS	4.0 oz/a	POST	C						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
2	11002AIXR NOZZLES						95.8 a	99.0 a	94.3 a	99.0 a	99.0 a	3.8 d
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
3	STORM	4	SL	16.0 oz/a	EPOST	B						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
3	CADRE	2	AS	4.0 oz/a	POST	C						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3	11002DG NOZZLES						98.0 a	99.0 a	99.0 a	99.0 a	99.0 a	5.0 d
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
3	STORM	4	SL	16.0 oz/a	EPOST	B						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
3	CADRE	2	AS	4.0 oz/a	POST	C						
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C						

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-3-15	MOLVE ----- CONTROL PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-18-15	ANNUAL GRASS CONTROL PERCENT Jun-18-15	MOLVE ----- CONTROL PERCENT Jun-18-15	----- ARAHY LEAF - BURN PERCENT Jun-18-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	11002DG NOZZLES						99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	11.3 b
4	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
4	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
4	STORM	4	SL	16.0 oz/a	EPOST	B						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
4	COBRA	2	EC	12.5 oz/a	POST	C						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
4	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
2	11002AIXR NOZZLES						97.0 a	99.0 a	94.5 a	99.0 a	99.0 a	13.8 a
4	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
4	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
4	STORM	4	SL	16.0 oz/a	EPOST	B						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
4	COBRA	2	EC	12.5 oz/a	POST	C						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
4	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
3							94.5 a	99.0 a	90.8 a	91.8 a	99.0 a	8.8 c
4	PROWL H20	3.8	EC	32.0 oz/a	PRE	A						
4	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
4	STORM	4	SL	16.0 oz/a	EPOST	B						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
4	COBRA	2	EC	12.5 oz/a	POST	C						
4	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
4	2,4-DB	1.75	SL	16.0 oz/a	POST	C						
LSD P=.10							5.03	.	8.50	5.13	.	2.11
Standard Deviation							4.10	0.00	6.94	4.19	0.00	1.72
CV							4.22	0.00	7.21	4.25	0.00	23.90

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Weed Code						AMAPA	-----	-----
Crop Code						-----	ARAHY	ARAHY
Part Rated							PLOT -	PLOT -
Rating Data Type						CONTROL	YIELD	YIELD
Rating Unit						PERCENT	LBS/PLOT	LBS/A
Rating Date						Jul-29-15	Sep-18-15	Sep-18-15
PRM Data Type								TY1
# Subsamples, Dec.							- 2	- 0
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg	Appl Code		
							13	14
TABLE OF R MEANS								
Replicate 1							98.0	26.23
Replicate 2							96.8	26.14
Replicate 3							97.3	25.68
Replicate 4							95.9	24.84
TABLE OF A (NOZZLE TYPE) MEANS								
1 11002DG NOZZLES							96.9 a	25.37 a
2 11002AIXR NOZZLES							96.6 a	26.15 a
3							97.5 a	25.65 a
LSD P=.10							2.08	1.465
Standard Deviation							3.02	2.133
CV							3.12	8.292
TABLE OF B (TREATMENT) MEANS								
1 PROWL H20 3.8 EC 32.0 oz/a PRE A							96.1 a	25.44 a
1 VALOR SX 51 WG 3.0 oz/a PRE A								
1 STRONGARM 84 WG 0.225 oz/a PRE A								
1 CADRE 2 AS 4.0 oz/a POST C								
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C								
1 2,4-DB 1.75 SL 16.0 oz/a POST C								
2 PROWL H20 3.8 EC 32.0 oz/a PRE A							98.0 a	26.30 a
2 VALOR SX 51 WG 3.0 oz/a PRE A								
2 STRONGARM 84 WG 0.225 oz/a PRE A								
2 COBRA 2 EC 12.5 oz/a POST C								
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C								
2 2,4-DB 1.75 SL 16.0 oz/a POST C								
3 PROWL H20 3.8 EC 32.0 oz/a PRE A							97.3 a	25.82 a
3 GRAMOXONE 2 SL 12.0 oz/a EPOST B								
3 STORM 4 SL 16.0 oz/a EPOST B								
3 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B								
3 CADRE 2 AS 4.0 oz/a POST C								
3 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C								
3 2,4-DB 1.75 SL 16.0 oz/a POST C								
4 PROWL H20 3.8 EC 32.0 oz/a PRE A							96.6 a	25.34 a
4 GRAMOXONE 2 SL 12.0 oz/a EPOST B								
4 STORM 4 SL 16.0 oz/a EPOST B								
4 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B								
4 COBRA 2 EC 12.5 oz/a POST C								
4 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C								
4 2,4-DB 1.75 SL 16.0 oz/a POST C								
LSD P=.10							1.71	0.864
Standard Deviation							2.29	1.154
CV							2.36	4.488
TABLE OF A (NOZZLE TYPE) B (TREATMENT) MEANS								
1 11002DG NOZZLES							93.5 a	24.26 a
1 PROWL H20 3.8 EC 32.0 oz/a PRE A								
1 VALOR SX 51 WG 3.0 oz/a PRE A								
1 STRONGARM 84 WG 0.225 oz/a PRE A								
1 CADRE 2 AS 4.0 oz/a POST C								
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C								
1 2,4-DB 1.75 SL 16.0 oz/a POST C								

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						AMAPA	-----	-----	
						CONTROL	ARAHY	ARAHY	
						PERCENT	PLOT -	PLOT -	
						Jul-29-15	YIELD	YIELD	
							LBS/PLOT	LBS/A	
							Sep-18-15	Sep-18-15	
							- 2	TY1	
								- 0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	13	14	15
2	11002AIXR NOZZLES						96.8 a	26.66 a	7132 a
1	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
1	VALOR SX	51	WG	3.0 oz/a	PRE	A			
1	STRONGARM	84	WG	0.225 oz/a	PRE	A			
1	CADRE	2	AS	4.0 oz/a	POST	C			
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
1	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
3							98.0 a	25.40 a	6794 a
1	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
1	VALOR SX	51	WG	3.0 oz/a	PRE	A			
1	STRONGARM	84	WG	0.225 oz/a	PRE	A			
1	CADRE	2	AS	4.0 oz/a	POST	C			
1	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
1	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
1	11002DG NOZZLES						98.0 a	25.44 a	6804 a
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
2	VALOR SX	51	WG	3.0 oz/a	PRE	A			
2	STRONGARM	84	WG	0.225 oz/a	PRE	A			
2	COBRA	2	EC	12.5 oz/a	POST	C			
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
2	11002AIXR NOZZLES						98.0 a	27.18 a	7269 a
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
2	VALOR SX	51	WG	3.0 oz/a	PRE	A			
2	STRONGARM	84	WG	0.225 oz/a	PRE	A			
2	COBRA	2	EC	12.5 oz/a	POST	C			
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
3							98.0 a	26.29 a	7032 a
2	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
2	VALOR SX	51	WG	3.0 oz/a	PRE	A			
2	STRONGARM	84	WG	0.225 oz/a	PRE	A			
2	COBRA	2	EC	12.5 oz/a	POST	C			
2	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
2	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
1	11002DG NOZZLES						98.0 a	26.34 a	7045 a
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B			
3	STORM	4	SL	16.0 oz/a	EPOST	B			
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B			
3	CADRE	2	AS	4.0 oz/a	POST	C			
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
2	11002AIXR NOZZLES						96.0 a	24.85 a	6647 a
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B			
3	STORM	4	SL	16.0 oz/a	EPOST	B			
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B			
3	CADRE	2	AS	4.0 oz/a	POST	C			
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C			
3							98.0 a	26.26 a	7025 a
3	PROWL H20	3.8	EC	32.0 oz/a	PRE	A			
3	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B			
3	STORM	4	SL	16.0 oz/a	EPOST	B			
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B			
3	CADRE	2	AS	4.0 oz/a	POST	C			
3	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C			
3	2,4-DB	1.75	SL	16.0 oz/a	POST	C			



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COMPLETE FACTORIAL AOV For ----- ARAHY PLANT STUNTING PERCENT May-11-15 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1166.666667				
R	3	16.666667	5.555556	0.167	0.9175	
A	2	116.666667	58.333333	4.200	0.0723	2.6
RA	6	83.333333	13.888889			
B	3	116.666667	38.888889	3.500	0.0628	2.5
RB	9	100.000000	11.111111			
AB	6	133.333333	22.222222	0.667	0.6776	7.1
RAB	18	600.000000	33.333333			

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT STUNTING PERCENT May-19-15 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	961.979167				
R	3	18.229167	6.076389	0.522	0.6723	
A	2	1.041667	0.520833	0.086	0.9190	1.7
RA	6	36.458333	6.076389			
B	3	509.895833	169.965278	9.150	0.0043	3.2
RB	9	167.187500	18.576389			
AB	6	19.791667	3.298611	0.284	0.9372	4.2
RAB	18	209.375000	11.631944			

COMPLETE FACTORIAL AOV For ----- ARAHY LEAF BURN PERCENT May-19-15 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	2111.979167				
R	3	39.062500	13.020833	2.848	0.0665	
A	2	44.791667	22.395833	6.143	0.0353	1.3
RA	6	21.875000	3.645833			
B	3	1822.395833	607.465278	108.217	0.0001	1.8
RB	9	50.520833	5.613426			
AB	6	51.041667	8.506944	1.861	0.1435	2.6
RAB	18	82.291667	4.571759			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-19-15 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	386.666667				
R	3	12.666667	4.222222	0.397	0.7568	
A	2	4.166667	2.083333	0.196	0.8272	2.2
RA	6	63.833333	10.638889			
B	3	64.000000	21.333333	5.053	0.0253	1.5
RB	9	38.000000	4.222222			
AB	6	12.500000	2.083333	0.196	0.9738	4.0
RAB	18	191.500000	10.638889			

COMPLETE FACTORIAL AOV For MOLVE ----- CONTROL PERCENT May-19-15 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	0.000000	0.000000	0.000	1.0000	
RA	6	0.000000	0.000000			
B	3	0.000000	0.000000	0.000	1.0000	
RB	9	0.000000	0.000000			
AB	6	0.000000	0.000000	0.000	1.0000	
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-11-15 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	26194.312500				
R	3	685.895833	228.631944	0.589	0.6302	
A	2	415.625000	207.812500	0.441	0.6626	14.9
RA	6	2826.541667	471.090278			
B	3	8642.062500	2880.687500	5.891	0.0166	16.5
RB	9	4401.020833	489.002315			
AB	6	2234.375000	372.395833	0.959	0.4794	24.2
RAB	18	6988.791667	388.266204			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jun-3-15 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	656.479167				
R	3	6.562500	2.187500	0.130	0.9409	
A	2	27.541667	13.770833	0.508	0.6254	3.6
RA	6	162.625000	27.104167			
B	3	27.895833	9.298611	1.046	0.4184	2.2
RB	9	80.020833	8.891204			
AB	6	49.291667	8.215278	0.489	0.8082	5.0
RAB	18	302.541667	16.807870			

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COMPLETE FACTORIAL AOV For MOLVE ----- CONTROL PERCENT Jun-3-15 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	0.000000	0.000000	0.000	1.0000	
RA	6	0.000000	0.000000			
B	3	0.000000	0.000000	0.000	1.0000	
RB	9	0.000000	0.000000			
AB	6	0.000000	0.000000	0.000	1.0000	
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jun-18-15 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1971.916667				
R	3	35.416667	11.805556	0.245	0.8635	
A	2	41.166667	20.583333	0.340	0.7247	5.3
RA	6	363.333333	60.555556			
B	3	76.083333	25.361111	0.712	0.5688	4.5
RB	9	320.416667	35.601852			
AB	6	269.666667	44.944444	0.934	0.4946	8.5
RAB	18	865.833333	48.101852			

COMPLETE FACTORIAL AOV For ANNUAL GRASS CONTROL PERCENT Jun-18-15 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	823.479167				
R	3	52.562500	17.520833	1.000	0.4155	
A	2	35.041667	17.520833	1.000	0.4219	2.9
RA	6	105.125000	17.520833			
B	3	52.562500	17.520833	1.000	0.4363	3.1
RB	9	157.687500	17.520833			
AB	6	105.125000	17.520833	1.000	0.4552	5.1
RAB	18	315.375000	17.520833			

COMPLETE FACTORIAL AOV For MOLVE ----- CONTROL PERCENT Jun-18-15 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	0.000000	0.000000	0.000	1.0000	
RA	6	0.000000	0.000000			
B	3	0.000000	0.000000	0.000	1.0000	
RB	9	0.000000	0.000000			
AB	6	0.000000	0.000000	0.000	1.0000	
RAB	18	0.000000	0.000000			

COMPLETE FACTORIAL AOV For ----- ARAHY LEAF BURN PERCENT Jun-18-15 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1195.312500				
R	3	80.729167	26.909722	9.118	0.0007	
A	2	65.625000	32.812500	37.800	0.0004	0.6
RA	6	5.208333	0.868056			
B	3	793.229167	264.409722	43.514	0.0001	1.8
RB	9	54.687500	6.076389			
AB	6	142.708333	23.784722	8.059	0.0003	2.1
RAB	18	53.125000	2.951389			

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jul-29-15 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	422.000000				
R	3	28.166667	9.388889	0.843	0.4881	
A	2	6.500000	3.250000	0.356	0.7146	2.1
RA	6	54.833333	9.138889			
B	3	25.500000	8.500000	1.628	0.2508	1.7
RB	9	47.000000	5.222222			
AB	6	59.500000	9.916667	0.890	0.5224	4.1
RAB	18	200.500000	11.138889			

COMPLETE FACTORIAL AOV For ----- ARAHY PLOT YIELD LBS/PLOT Sep-18-15 2 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	168.049948				
R	3	14.526823	4.842274	1.077	0.3839	
A	2	4.975104	2.487552	0.547	0.6051	1.47
RA	6	27.296146	4.549358			
B	3	6.833490	2.277830	1.709	0.2342	0.86
RB	9	11.994635	1.332737			
AB	6	21.475729	3.579288	0.796	0.5853	2.60
RAB	18	80.948021	4.497112			



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COMPLETE FACTORIAL AOV For ----- ARAHY PLOT YIELD LBS/A Sep-18-15 TY1 0 (Data Column 15)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	12024186.578707				
R	3	1039412.574326	346470.858109	1.077	0.3839	
A	2	355975.375474	177987.687737	0.547	0.6051	392
RA	6	1953073.556835	325512.259473			
B	3	488944.832884	162981.610961	1.709	0.2342	231
RB	9	858231.066633	95359.007404			
AB	6	1536616.733671	256102.788945	0.796	0.5853	696
RAB	18	5791932.438884	321774.024382			

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.  
 MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.

Part Rated

PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)  
 LEAF = LEAF / FOLIAGE

PRM Data Type

TY1 = 267.4907\*[14]

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INFLUENCE OF NOZZLE TYPE ON WEED CONTROL IN PEANUT - I													
Trial ID: PE-05AX-15		Study Dir.: O.W. CARTER											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	PRM Data Type	# Subsamples, Dec.	----- ARAHY PLANT - STUNTING PERCENT May-11-15	----- ARAHY PLANT - STUNTING PERCENT May-19-15	----- ARAHY LEAF - BURN PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-19-15	MOLVE ----- CONTROL PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-11-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6
1	11002DG NOZZLES						101	0.0	15.0	0.0	99.0	99.0	99.0
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A	213	0.0	0.0	0.0	85.0	99.0	99.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	303	0.0	0.0	0.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	406	0.0	0.0	0.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
							Mean =	0.0	3.8	0.0	95.5	99.0	99.0
2	11002DG NOZZLES						102	0.0	0.0	0.0	99.0	99.0	99.0
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A	204	0.0	0.0	0.0	99.0	99.0	99.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	306	10.0	5.0	0.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	402	10.0	0.0	0.0	99.0	99.0	99.0
	COBRA	2 EC		12.5 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
							Mean =	5.0	1.3	0.0	99.0	99.0	99.0
3	11002DG NOZZLES						103	10.0	0.0	20.0	99.0	99.0	95.0
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A	209	0.0	10.0	20.0	99.0	99.0	99.0
	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	312	10.0	10.0	15.0	99.0	99.0	30.0
	STORM	4 SL		16.0 oz/a	EPOST	B	407	10.0	10.0	10.0	99.0	99.0	95.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B							
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
							Mean =	7.5	7.5	16.3	99.0	99.0	79.8
4	11002DG NOZZLES						104	0.0	10.0	20.0	99.0	99.0	95.0
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A	206	10.0	5.0	10.0	99.0	99.0	90.0
	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B	309	0.0	10.0	15.0	99.0	99.0	75.0
	STORM	4 SL		16.0 oz/a	EPOST	B	404	0.0	10.0	10.0	99.0	99.0	65.0
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B							
	COBRA	2 EC		12.5 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
							Mean =	2.5	8.8	13.8	99.0	99.0	81.3
5	11002AIXR NOZZLES						105	10.0	0.0	0.0	99.0	99.0	99.0
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A	211	10.0	5.0	0.0	99.0	99.0	99.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	310	10.0	5.0	0.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	413	0.0	0.0	0.0	85.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
							Mean =	7.5	2.5	0.0	95.5	99.0	99.0
6	11002AIXR NOZZLES						106	10.0	0.0	0.0	99.0	99.0	99.0
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A	207	10.0	5.0	0.0	99.0	99.0	99.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A	305	0.0	0.0	0.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	412	10.0	0.0	0.0	99.0	99.0	99.0
	COBRA	2 EC		12.5 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST	C							
							Mean =	7.5	1.3	0.0	99.0	99.0	99.0

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						----- ARAHY PLANT - STUNTING PERCENT May-11-15	----- ARAHY PLANT - STUNTING PERCENT May-19-15	----- ARAHY LEAF - BURN PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-19-15	MOLVE ----- CONTROL PERCENT May-19-15	AMAPA ----- CONTROL PERCENT May-11-15		
Trt Treatment	Form	Form	Rate	Grow	Appl								
No. Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
7 11002AIXR NOZZLES						107		10.0	10.0	15.0	99.0	99.0	99.0
PROWL H20	3.8	EC	32.0	oz/a	PRE	A	202	10.0	10.0	10.0	99.0	99.0	90.0
GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	313	0.0	10.0	10.0	99.0	99.0	0.0
STORM	4	SL	16.0	oz/a	EPOST	B	401	10.0	10.0	10.0	99.0	99.0	65.0
DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
CADRE	2	AS	4.0	oz/a	POST	C							
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2,4-DB	1.75	SL	16.0	oz/a	POST	C							
						Mean =		7.5	10.0	11.3	99.0	99.0	63.5
8 11002AIXR NOZZLES						108		0.0	10.0	10.0	99.0	99.0	90.0
PROWL H20	3.8	EC	32.0	oz/a	PRE	A	201	0.0	5.0	10.0	99.0	99.0	65.0
GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	302	10.0	10.0	10.0	99.0	99.0	85.0
STORM	4	SL	16.0	oz/a	EPOST	B	409	0.0	10.0	10.0	99.0	99.0	65.0
DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
COBRA	2	EC	12.5	oz/a	POST	C							
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2,4-DB	1.75	SL	16.0	oz/a	POST	C							
						Mean =		2.5	8.8	10.0	99.0	99.0	76.3
9 TTI-02 NOZZLES						110		10.0	5.0	0.0	99.0	99.0	99.0
PROWL H20	3.8	EC	32.0	oz/a	PRE	A	208	0.0	0.0	0.0	99.0	99.0	99.0
VALOR SX	51	WG	3.0	oz/a	PRE	A	301	0.0	0.0	0.0	95.0	99.0	99.0
STRONGARM	84	WG	0.225	oz/a	PRE	A	411	10.0	5.0	0.0	99.0	99.0	99.0
CADRE	2	AS	4.0	oz/a	POST	C							
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2,4-DB	1.75	SL	16.0	oz/a	POST	C							
						Mean =		5.0	2.5	0.0	98.0	99.0	99.0
10 TTI-02 NOZZLES						111		0.0	0.0	0.0	99.0	99.0	99.0
PROWL H20	3.8	EC	32.0	oz/a	PRE	A	210	0.0	0.0	0.0	99.0	99.0	99.0
VALOR SX	51	WG	3.0	oz/a	PRE	A	307	10.0	5.0	0.0	99.0	99.0	99.0
STRONGARM	84	WG	0.225	oz/a	PRE	A	408	0.0	5.0	0.0	99.0	99.0	99.0
COBRA	2	EC	12.5	oz/a	POST	C							
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2,4-DB	1.75	SL	16.0	oz/a	POST	C							
						Mean =		2.5	2.5	0.0	99.0	99.0	99.0
11 TTI-02 NOZZLES						112		0.0	5.0	15.0	99.0	99.0	90.0
PROWL H20	3.8	EC	32.0	oz/a	PRE	A	205	0.0	10.0	10.0	99.0	99.0	65.0
GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	308	10.0	10.0	10.0	99.0	99.0	99.0
STORM	4	SL	16.0	oz/a	EPOST	B	410	0.0	10.0	10.0	99.0	99.0	70.0
DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
CADRE	2	AS	4.0	oz/a	POST	C							
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2,4-DB	1.75	SL	16.0	oz/a	POST	C							
						Mean =		2.5	8.8	11.3	99.0	99.0	81.0
12 TTI-02 NOZZLES						113		0.0	10.0	10.0	99.0	99.0	0.0
PROWL H20	3.8	EC	32.0	oz/a	PRE	A	203	0.0	5.0	15.0	99.0	99.0	70.0
GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	311	0.0	10.0	10.0	99.0	99.0	75.0
STORM	4	SL	16.0	oz/a	EPOST	B	405	0.0	10.0	10.0	99.0	99.0	65.0
DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
COBRA	2	EC	12.5	oz/a	POST	C							
DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2,4-DB	1.75	SL	16.0	oz/a	POST	C							
						Mean =		0.0	8.8	11.3	99.0	99.0	52.5

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jun-3-15	MOLVE ----- CONTROL PERCENT Jun-3-15	AMAPA ----- CONTROL PERCENT Jun-18-15	ANNUAL GRASS CONTROL PERCENT Jun-18-15	MOLVE ----- CONTROL PERCENT Jun-18-15	----- ARAHY LEAF - BURN PERCENT Jun-18-15		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit Stg	Appl Code	Plot	7	8	9	10	11	12
1	11002DG NOZZLES						101	99.0	99.0	99.0	99.0	99.0	0.0
	PROWL H20	3.8	EC	32.0 oz/a	PRE	A	213	85.0	99.0	75.0	99.0	99.0	0.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	303	99.0	99.0	95.0	99.0	99.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	406	99.0	99.0	99.0	99.0	99.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
							Mean =	95.5	99.0	92.0	99.0	99.0	0.0
2	11002DG NOZZLES						102	99.0	99.0	99.0	99.0	99.0	15.0
	PROWL H20	3.8	EC	32.0 oz/a	PRE	A	204	99.0	99.0	99.0	99.0	99.0	15.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	306	99.0	99.0	99.0	99.0	99.0	15.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	402	99.0	99.0	99.0	99.0	99.0	5.0
	COBRA	2	EC	12.5 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
							Mean =	99.0	99.0	99.0	99.0	99.0	12.5
3	11002DG NOZZLES						103	99.0	99.0	99.0	99.0	99.0	0.0
	PROWL H20	3.8	EC	32.0 oz/a	PRE	A	209	99.0	99.0	99.0	99.0	99.0	0.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	312	99.0	99.0	99.0	99.0	99.0	0.0
	STORM	4	SL	16.0 oz/a	EPOST	B	407	99.0	99.0	99.0	99.0	99.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B							
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
							Mean =	99.0	99.0	99.0	99.0	99.0	0.0
4	11002DG NOZZLES						104	99.0	99.0	99.0	99.0	99.0	10.0
	PROWL H20	3.8	EC	32.0 oz/a	PRE	A	206	99.0	99.0	99.0	99.0	99.0	15.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B	309	99.0	99.0	99.0	99.0	99.0	10.0
	STORM	4	SL	16.0 oz/a	EPOST	B	404	99.0	99.0	99.0	99.0	99.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B							
	COBRA	2	EC	12.5 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
							Mean =	99.0	99.0	99.0	99.0	99.0	11.3
5	11002AIXR NOZZLES						105	99.0	99.0	99.0	99.0	99.0	5.0
	PROWL H20	3.8	EC	32.0 oz/a	PRE	A	211	99.0	99.0	99.0	99.0	99.0	5.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	310	99.0	99.0	99.0	99.0	99.0	5.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	413	85.0	99.0	90.0	99.0	99.0	5.0
	CADRE	2	AS	4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
							Mean =	95.5	99.0	96.8	99.0	99.0	5.0
6	11002AIXR NOZZLES						106	99.0	99.0	99.0	99.0	99.0	10.0
	PROWL H20	3.8	EC	32.0 oz/a	PRE	A	207	99.0	99.0	99.0	99.0	99.0	15.0
	VALOR SX	51	WG	3.0 oz/a	PRE	A	305	95.0	99.0	85.0	99.0	99.0	15.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A	412	95.0	99.0	95.0	99.0	99.0	10.0
	COBRA	2	EC	12.5 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	16.0 oz/a	POST	C							
							Mean =	97.0	99.0	94.5	99.0	99.0	12.5

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Weed Code						AMAPA	MOLVE	AMAPA	ANNUAL	MOLVE	-----				
Crop Code						-----	-----	-----	GRASS	-----	ARAHY				
Part Rated											LEAF -				
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	BURN				
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT				
Rating Date						Jun-3-15	Jun-3-15	Jun-18-15	Jun-18-15	Jun-18-15	Jun-18-15				
PRM Data Type															
# Subsamples, Dec.															
Trt	Treatment	Form	Form	Rate	Grow	Appl									
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot							
7	11002AIXR NOZZLES						107		99.0	99.0	99.0	99.0	99.0	99.0	5.0
	PROWL H20	3.8	EC	32.0	oz/a	PRE	A	202	99.0	99.0	99.0	99.0	99.0	99.0	5.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	313	90.0	99.0	80.0	99.0	99.0	99.0	5.0
	STORM	4	SL	16.0	oz/a	EPOST	B	401	95.0	99.0	99.0	99.0	99.0	99.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B								
	CADRE	2	AS	4.0	oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								95.8	99.0	94.3	99.0	99.0	99.0	3.8
8	11002AIXR NOZZLES						108		99.0	99.0	99.0	99.0	99.0	99.0	15.0
	PROWL H20	3.8	EC	32.0	oz/a	PRE	A	201	95.0	99.0	90.0	99.0	99.0	99.0	15.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	302	99.0	99.0	99.0	99.0	99.0	99.0	15.0
	STORM	4	SL	16.0	oz/a	EPOST	B	409	95.0	99.0	90.0	99.0	99.0	99.0	10.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B								
	COBRA	2	EC	12.5	oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								97.0	99.0	94.5	99.0	99.0	99.0	13.8
9	TTI-02 NOZZLES						110		95.0	99.0	99.0	99.0	99.0	99.0	5.0
	PROWL H20	3.8	EC	32.0	oz/a	PRE	A	208	99.0	99.0	99.0	99.0	99.0	99.0	5.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	301	95.0	99.0	90.0	99.0	99.0	99.0	5.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	411	99.0	99.0	99.0	99.0	99.0	99.0	5.0
	CADRE	2	AS	4.0	oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								97.0	99.0	96.8	99.0	99.0	99.0	5.0
10	TTI-02 NOZZLES						111		99.0	99.0	99.0	99.0	99.0	99.0	10.0
	PROWL H20	3.8	EC	32.0	oz/a	PRE	A	210	99.0	99.0	99.0	99.0	99.0	99.0	10.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	307	99.0	99.0	99.0	99.0	99.0	99.0	10.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	408	95.0	99.0	99.0	99.0	99.0	99.0	5.0
	COBRA	2	EC	12.5	oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								98.0	99.0	99.0	99.0	99.0	99.0	8.8
11	TTI-02 NOZZLES						112		99.0	99.0	99.0	99.0	99.0	99.0	5.0
	PROWL H20	3.8	EC	32.0	oz/a	PRE	A	205	95.0	99.0	99.0	99.0	99.0	99.0	5.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	308	99.0	99.0	99.0	99.0	99.0	99.0	5.0
	STORM	4	SL	16.0	oz/a	EPOST	B	410	99.0	99.0	99.0	99.0	99.0	99.0	5.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B								
	CADRE	2	AS	4.0	oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								98.0	99.0	99.0	99.0	99.0	99.0	5.0
12	TTI-02 NOZZLES						113		85.0	99.0	70.0	70.0	99.0	99.0	10.0
	PROWL H20	3.8	EC	32.0	oz/a	PRE	A	203	99.0	99.0	99.0	99.0	99.0	99.0	10.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	311	95.0	99.0	95.0	99.0	99.0	99.0	10.0
	STORM	4	SL	16.0	oz/a	EPOST	B	405	99.0	99.0	99.0	99.0	99.0	99.0	5.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B								
	COBRA	2	EC	12.5	oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST	C								
	Mean =								94.5	99.0	90.8	91.8	99.0	99.0	8.8

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date PRM Data Type # Subsamples, Dec.						AMAPA ----- CONTROL PERCENT Jul-29-15	----- ARAHY PLOT - YIELD LBS/PLOT Sep-18-15	----- ARAHY PLOT - YIELD LBS/A Sep-18-15 TY1 - 0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot	13	14	15
1	11002DG NOZZLES					101		99.0	24.55	6567
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A 213		85.0	23.45	6273
	VALOR SX	51 WG		3.0 oz/a	PRE	A 303		95.0	23.40	6259
	STRONGARM	84 WG		0.225 oz/a	PRE	A 406		95.0	25.65	6861
	CADRE	2 AS		4.0 oz/a	POST	C				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C				
	2,4-DB	1.75 SL		16.0 oz/a	POST	C				
						Mean =		93.5	24.26	6490
2	11002DG NOZZLES					102		99.0	26.70	7142
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A 204		99.0	25.10	6714
	VALOR SX	51 WG		3.0 oz/a	PRE	A 306		99.0	26.75	7155
	STRONGARM	84 WG		0.225 oz/a	PRE	A 402		95.0	23.20	6206
	COBRA	2 EC		12.5 oz/a	POST	C				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C				
	2,4-DB	1.75 SL		16.0 oz/a	POST	C				
						Mean =		98.0	25.44	6804
3	11002DG NOZZLES					103		99.0	24.80	6634
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A 209		95.0	26.45	7075
	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B 312		99.0	28.30	7570
	STORM	4 SL		16.0 oz/a	EPOST	B 407		99.0	25.80	6901
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B				
	CADRE	2 AS		4.0 oz/a	POST	C				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C				
	2,4-DB	1.75 SL		16.0 oz/a	POST	C				
						Mean =		98.0	26.34	7045
4	11002DG NOZZLES					104		99.0	26.35	7048
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A 206		99.0	27.65	7396
	GRAMOXONE	2 SL		12.0 oz/a	EPOST	B 309		99.0	27.35	7316
	STORM	4 SL		16.0 oz/a	EPOST	B 404		95.0	20.45	5470
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B				
	COBRA	2 EC		12.5 oz/a	POST	C				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C				
	2,4-DB	1.75 SL		16.0 oz/a	POST	C				
						Mean =		98.0	25.45	6808
5	11002AIXR NOZZLES					105		99.0	28.20	7543
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A 211		99.0	26.30	7035
	VALOR SX	51 WG		3.0 oz/a	PRE	A 310		99.0	27.85	7450
	STRONGARM	84 WG		0.225 oz/a	PRE	A 413		90.0	24.30	6500
	CADRE	2 AS		4.0 oz/a	POST	C				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C				
	2,4-DB	1.75 SL		16.0 oz/a	POST	C				
						Mean =		96.8	26.66	7132
6	11002AIXR NOZZLES					106		99.0	28.35	7583
	PROWL H20	3.8 EC		32.0 oz/a	PRE	A 207		99.0	27.95	7476
	VALOR SX	51 WG		3.0 oz/a	PRE	A 305		95.0	25.35	6781
	STRONGARM	84 WG		0.225 oz/a	PRE	A 412		99.0	27.05	7236
	COBRA	2 EC		12.5 oz/a	POST	C				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C				
	2,4-DB	1.75 SL		16.0 oz/a	POST	C				
						Mean =		98.0	27.18	7269

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	AMAPA ----- CONTROL PERCENT Jul-29-15	----- ARAHY PLOT - YIELD LBS/PLOT Sep-18-15	----- ARAHY PLOT - YIELD LBS/A TY1 - 0
Trt Treatment	Form Form	Rate Grow	Appl
No. Name	Conc Type Rate Unit Stg	Code Plot	
7 11002AIXR NOZZLES			107
PROWL H20	3.8 EC 32.0 oz/a PRE A	202	95.0
GRAMOXONE	2 SL 12.0 oz/a EPOST B	313	99.0
STORM	4 SL 16.0 oz/a EPOST B	401	95.0
DUAL MAGNUM	7.62 EC 16.0 oz/a EPOST B		
CADRE	2 AS 4.0 oz/a POST C		
DUAL MAGNUM	7.62 EC 16.0 oz/a POST C		
2,4-DB	1.75 SL 16.0 oz/a POST C		
Mean =			96.0
8 11002AIXR NOZZLES			108
PROWL H20	3.8 EC 32.0 oz/a PRE A	201	99.0
GRAMOXONE	2 SL 12.0 oz/a EPOST B	302	90.0
STORM	4 SL 16.0 oz/a EPOST B	409	99.0
DUAL MAGNUM	7.62 EC 16.0 oz/a EPOST B		95.0
COBRA	2 EC 12.5 oz/a POST C		
DUAL MAGNUM	7.62 EC 16.0 oz/a POST C		
2,4-DB	1.75 SL 16.0 oz/a POST C		
Mean =			95.8
9 TTI-02 NOZZLES			110
PROWL H20	3.8 EC 32.0 oz/a PRE A	208	99.0
VALOR SX	51 WG 3.0 oz/a PRE A	301	99.0
STRONGARM	84 WG 0.225 oz/a PRE A	411	95.0
CADRE	2 AS 4.0 oz/a POST C		
DUAL MAGNUM	7.62 EC 16.0 oz/a POST C		
2,4-DB	1.75 SL 16.0 oz/a POST C		
Mean =			98.0
10 TTI-02 NOZZLES			111
PROWL H20	3.8 EC 32.0 oz/a PRE A	210	99.0
VALOR SX	51 WG 3.0 oz/a PRE A	307	99.0
STRONGARM	84 WG 0.225 oz/a PRE A	408	95.0
COBRA	2 EC 12.5 oz/a POST C		
DUAL MAGNUM	7.62 EC 16.0 oz/a POST C		
2,4-DB	1.75 SL 16.0 oz/a POST C		
Mean =			98.0
11 TTI-02 NOZZLES			112
PROWL H20	3.8 EC 32.0 oz/a PRE A	205	95.0
GRAMOXONE	2 SL 12.0 oz/a EPOST B	308	99.0
STORM	4 SL 16.0 oz/a EPOST B	410	99.0
DUAL MAGNUM	7.62 EC 16.0 oz/a EPOST B		
CADRE	2 AS 4.0 oz/a POST C		
DUAL MAGNUM	7.62 EC 16.0 oz/a POST C		
2,4-DB	1.75 SL 16.0 oz/a POST C		
Mean =			98.0
12 TTI-02 NOZZLES			113
PROWL H20	3.8 EC 32.0 oz/a PRE A	203	95.0
GRAMOXONE	2 SL 12.0 oz/a EPOST B	311	99.0
STORM	4 SL 16.0 oz/a EPOST B	405	95.0
DUAL MAGNUM	7.62 EC 16.0 oz/a EPOST B		
COBRA	2 EC 12.5 oz/a POST C		
DUAL MAGNUM	7.62 EC 16.0 oz/a POST C		
2,4-DB	1.75 SL 16.0 oz/a POST C		
Mean =			96.0

# University of Georgia

INFLUENCE OF NOZZLE TYPE ON WEED CONTROL IN PEANUT - I

Trial ID: PE-05AX-15 Study Dir.: O.W. CARTER  
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

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

MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.

Part Rated

PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

LEAF = LEAF / FOLIAGE

PRM Data Type

TY1 = 267.4907\*[14]