

# University of Georgia

PEANUT WEED  
CONTROL PROGRAMS - II

Trial ID: PE-13-15      Study Dir.: MARK BRAXTON  
Location: ATTAPULGUS      Investigator: Eric P. Prostko

Reps: 4      Plots: 6 by 20 feet  
Spray vol: 15 GAL/AC      Mix Size: 1.5 liters (calculated mix size .62569)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
1	NTC							101	208	306	408
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	102	201	313	403
	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	18.0 oz/a	POST	C	14.06 ml/mx				
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	103	202	309	407
	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				
	WARRANT	3	ME	48.0 oz/a	POST	C	37.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	104	203	312	401
	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	18.0 oz/a	POST	C	14.06 ml/mx				
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	105	207	301	411
	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				
	WARRANT	3	ME	48.0 oz/a	POST	C	37.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	106	210	304	410
	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				
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C	18.75 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C	12.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	107	212	305	406
	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				
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C	18.75 ml/mx				
	WARRANT	3	ME	48.0 oz/a	POST	C	37.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	108	206	308	404
	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	18.0 oz/a	POST	C	14.06 ml/mx				
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	25.0 ml/mx	109	205	310	409
	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				
	WARRANT	3	ME	48.0 oz/a	EPOST	B	37.5 ml/mx				
	NIS			0.25 % v/v	EPOST	B	3.75 ml/mx				
	CADRE	2	AS	4.0 oz/a	POST	C	3.125 ml/mx				
	WARRANT	3	ME	48.0 oz/a	POST	C	37.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a	POST	C	14.06 ml/mx				
	NIS			0.25 % v/v	POST	C	3.75 ml/mx				

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Reps: 4                      Plots: 6 by 20 feet  
 Spray vol: 15 GAL/AC                      Mix Size: 1.5 liters (calculated mix size .62569)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3	Rep 4
10	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	25.0 ml/mx	110	213	303	405
	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	18.0 oz/a		POST	C	14.06 ml/mx				
11	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	25.0 ml/mx	111	204	307	412
	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				
	WARRANT	3	ME	48.0 oz/a		EPOST	B	37.5 ml/mx				
	NIS			0.25 % v/v		EPOST	B	3.75 ml/mx				
	COBRA	2	EC	12.5 oz/a		POST	C	9.765 ml/mx				
	WARRANT	3	ME	48.0 oz/a		POST	C	37.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	14.06 ml/mx				
NIS			0.25 % v/v		POST	C	3.75 ml/mx					
12	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	25.0 ml/mx	112	211	302	413
	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				
	ULTRA BLAZER	2	AS	24.0 oz/a		POST	C	18.75 ml/mx				
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	C	12.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	14.06 ml/mx				
13	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	25.0 ml/mx	113	209	311	402
	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				
	WARRANT	3	ME	48.0 oz/a		EPOST	B	37.5 ml/mx				
	NIS			0.25 % v/v		EPOST	B	3.75 ml/mx				
	ULTRA BLAZER	2	AS	24.0 oz/a		POST	C	18.75 ml/mx				
	WARRANT	3	ME	48.0 oz/a		POST	C	37.5 ml/mx				
	2,4-DB	1.75	SL	18.0 oz/a		POST	C	14.06 ml/mx				
NIS			0.25 % v/v		POST	C	3.75 ml/mx					

Sort Order: Treatment

Trial Comments
ANNUAL GRASS = TEXAS PANICUM + CRABGRASS + GOOSEGRASS
<b><u>SUMMARY:</u></b>
1) PRE APPLICATIONS OF VALOR CAUSED EARLY SEASON PEANUT STUNTING.
2) PALMER AMARANTH CONTROL WAS EXCELLENT THROUGHOUT THE GROWING SEASON WITH ALL TREATMENTS (99%).
3) GENERALLY, NO DIFFERENCES IN THE CONTROL OF NUTSEDGE, ANNUAL GRASS AND PALMER AMARANTH WERE OBSERVED BETWEEN DUAL MAGNUM OR WARRANT BASED TREATMENTS.
4) SICKLEPOD WAS ONLY CONTROLLED BY TREATMENTS THAT INCLUDED CADRE.
5) PEANUT YIELDS WERE NOT OBTAINED DUE TO INCLEMENT WEATHER AT HARVEST, CROW/DEER DAMAGE.

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PEANUT WEED  
CONTROL PROGRAMS - II

Trial ID: PE-13-15      Study Dir.: MARK BRAXTON  
Location: ATTAPULGUS      Investigator: Eric P. Prostko

**GENERAL TRIAL INFORMATION**

**Study Director:** MARK BRAXTON      **Title:** \_\_\_\_\_  
**Affiliation:** \_\_\_\_\_      **Postal Code:** \_\_\_\_\_

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

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

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

**CROP AND PEST DESCRIPTION**

**Weed 1.** AMAPA PALMER AMARANTH      **2.** AGRASS TPANICUM + CRAB+GOOSE  
**Weed 3.** CASOB SICKLEPOD      **4.** CYPSP NUTSEGE SPECIES

**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:** 20 FT      **Reps:** 4

**Site Type:** \_\_\_\_\_      **Study Design:** RACOBL  
**Tillage Type:** CONVENTIONAL  
**Trial Initiation Comments:** THIMET INFR

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**Previous: Crops**      **Pesticides**      **Year**  
1. FIELD CORN      2014      \_\_\_\_\_

**MAINTENANCE**

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

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

**SOIL DESCRIPTION**

**Texture:** LOAMY SAND      **% OM:** 1.59      **% Sand:** 84      **% Silt:** 6      **% Clay:** 10  
**pH:** 6.0      **CEC:** \_\_\_\_\_      **Soil Name:** ORANGEBURG      **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-13-15	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____

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

**APPLICATION DESCRIPTION**

	A	B	C	D	E	F
<b>Application Date:</b>	May-5-15	May-21-15	Jun-9-15	_____	_____	_____
<b>Time of Day:</b>	9:00 AM	8:00 AM	8:45 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>	79 F	75 F	79 F	_____	_____	_____
<b>% Relative Humidity:</b>	53	71	89	_____	_____	_____
<b>Wind Velocity, Unit:</b>	2 MPH	1 MPH	1 MPH	_____	_____	_____
<b>Dew Presence (Y/N):</b>	N	N	Y	_____	_____	_____
<b>Water Hardness:</b>	---	---	---	_____	_____	_____
<b>Soil Temp., Unit:</b>	63 F	80 F	78 F	_____	_____	_____
<b>Soil Moisture:</b>	OPTIMUM	OPTIMUM	OPTIMUM	_____	_____	_____
<b>% Cloud Cover:</b>	10	20	95	_____	_____	_____

**CROP STAGE AT EACH APPLICATION**

	A	B	C	D	E	F
<b>Crop 1 Stage:</b>	ARAHY	5" WIDE	8" WIDE	_____	_____	_____
<b>Stage Scale:</b>	_____	V3-V4	R1	_____	_____	_____
<b>Height, Unit:</b>	_____	3 IN	6 IN	_____	_____	_____

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		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
<b>Weed 1</b>	<b>Stage:</b> AMAPA	_____	_____	_____	_____	_____	_____
	<b>Stage Scale:</b>	_____	_____	_____	_____	_____	_____
	<b>Density, Unit:</b>	_____	_____	_____	_____	_____	_____
<b>Weed 2</b>	<b>Stage:</b> AGRASS	_____	_____	2-4"	_____	_____	_____
	<b>Stage Scale:</b>	_____	_____	_____	_____	_____	_____
	<b>Density, Unit:</b>	_____	_____	_____	_____	_____	_____
<b>Weed 3</b>	<b>Stage:</b> CASOB	_____	2"	2-7"	_____	_____	_____
	<b>Stage Scale:</b>	_____	_____	_____	_____	_____	_____
	<b>Density, Unit:</b>	_____	_____	_____	_____	_____	_____
<b>Weed 4</b>	<b>Stage:</b> CYPSP	_____	3-4"	4-6"	_____	_____	_____
	<b>Stage Scale:</b>	_____	_____	_____	_____	_____	_____
	<b>Density, Unit:</b>	_____	_____	_____	_____	_____	_____

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

Trt No	Treatment Application Comment
_____	_____

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PEANUT WEED CONTROL PROGRAMS - II														
Trial ID: PE-13-15		Study Dir.: MARK BRAXTON												
Location: ATTAPULGUS		Investigator: Eric P. Prostko												
Weed Code	Crop Code			----- ARAHY PLANT - STUNTING PERCENT May-20-15	AMAPA ----- CONTROL PERCENT May-20-15	ANNUAL GRASS CONTROL PERCENT May-20-15	CYPSP ----- CONTROL PERCENT May-20-15	AMAPA ----- CONTROL PERCENT Jun-2-15	ANNUAL GRASS CONTROL PERCENT Jun-2-15	CASOB ----- CONTROL PERCENT Jun-2-15				
Part Rated	Rating Data Type	Rating Unit	Rating Date	1	2	3	4	5	6	7				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code							
1	NTC							0.0 b	0.0 b	0.0 c	0.0 c	0.0 b	0.0 b	0.0 a
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		10.0 a	99.0 a	96.8 ab	71.3 a	99.0 a	99.0 a	32.5 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	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	18.0 oz/a	POST	C								
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		10.0 a	99.0 a	99.0 a	70.0 a	99.0 a	95.8 a	25.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	CADRE	2	AS	4.0 oz/a	POST	C								
	WARRANT	3	ME	48.0 oz/a	POST	C								
	2,4-DB	1.75	SL	18.0 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		10.0 a	99.0 a	99.0 a	65.0 a	99.0 a	93.3 a	21.3 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	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	18.0 oz/a	POST	C								
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		7.5 a	99.0 a	99.0 a	68.8 a	99.0 a	93.3 a	38.8 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	COBRA	2	EC	12.5 oz/a	POST	C								
	WARRANT	3	ME	48.0 oz/a	POST	C								
	2,4-DB	1.75	SL	18.0 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		7.5 a	99.0 a	96.8 ab	61.3 a	99.0 a	94.5 a	22.5 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C								
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C								
	2,4-DB	1.75	SL	18.0 oz/a	POST	C								
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		10.0 a	99.0 a	97.0 ab	76.3 a	99.0 a	95.5 a	25.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A								
	STRONGARM	84	WG	0.225 oz/a	PRE	A								
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C								
	WARRANT	3	ME	48.0 oz/a	POST	C								
	2,4-DB	1.75	SL	18.0 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		0.0 b	99.0 a	96.8 ab	0.0 c	99.0 a	99.0 a	45.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B								
	STORM	4	SL	16.0 oz/a	EPOST	B								
	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	18.0 oz/a	POST	C								
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		0.0 b	99.0 a	99.0 a	21.3 b	99.0 a	99.0 a	37.3 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B								
	STORM	4	SL	16.0 oz/a	EPOST	B								
	WARRANT	3	ME	48.0 oz/a	EPOST	B								
	NIS			0.25 % v/v	EPOST	B								
	CADRE	2	AS	4.0 oz/a	POST	C								
	WARRANT	3	ME	48.0 oz/a	POST	C								
	2,4-DB	1.75	SL	18.0 oz/a	POST	C								
	NIS			0.25 % v/v	POST	C								

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.  
 Could not calculate LSD (% mean diff) for columns 2,5,11 because error mean square = 0.

# University of Georgia

Weed Code							-----	AMAPA	ANNUAL	CYPSP	AMAPA	ANNUAL	CASOB
Crop Code							ARAHY	-----	GRASS	-----	-----	GRASS	-----
Part Rated							PLANT -						
Rating Data Type							STUNTING	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							May-20-15	May-20-15	May-20-15	May-20-15	Jun-2-15	Jun-2-15	Jun-2-15
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6	7
No.	Name	Conc	Type	Unit	Stg	Code							
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 b	99.0 a	99.0 a	0.0 c	99.0 a	99.0 a	37.3 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	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	18.0 oz/a	POST	C							
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 b	99.0 a	92.3 b	0.0 c	99.0 a	99.0 a	58.5 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	WARRANT	3	ME	48.0 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	COBRA	2	EC	12.5 oz/a	POST	C							
	WARRANT	3	ME	48.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 b	99.0 a	96.8 ab	0.0 c	99.0 a	99.0 a	72.3 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B							
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	0.0 b	99.0 a	93.3 b	0.0 c	99.0 a	99.0 a	64.8 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B							
	STORM	4	SL	16.0 oz/a	EPOST	B							
	WARRANT	3	ME	48.0 oz/a	EPOST	B							
	NIS			0.25 % v/v	EPOST	B							
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C							
	WARRANT	3	ME	48.0 oz/a	POST	C							
	2,4-DB	1.75	SL	18.0 oz/a	POST	C							
	NIS			0.25 % v/v	POST	C							
LSD P=.10							2.37	.	4.18	15.47	.	5.01	37.55
Standard Deviation							1.99	0.00	3.50	12.96	0.00	4.20	31.45
CV							46.99	0.0	3.91	38.84	0.0	4.68	85.18
Grand Mean							4.23	91.38	89.58	33.37	91.38	89.63	36.92
Bartlett's X2							0.0	0.0	3.398	14.635	0.0	1.501	3.705
P(Bartlett's X2)							.	.	0.757	0.012*	.	0.826	0.978
Replicate F							0.649	0.000	1.994	1.980	0.000	1.673	5.885
Replicate Prob(F)							0.5889	1.0000	0.1323	0.1344	1.0000	0.1901	0.0022
Treatment F							23.595	0.000	237.979	28.725	0.000	166.023	1.576
Treatment Prob(F)							0.0001	1.0000	0.0001	0.0001	1.0000	0.0001	0.1430

# University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						CYPSP ----- CONTROL PERCENT Jun-2-15	AMAPA ----- CONTROL PERCENT Jun-24-15	ANNUAL GRASS CONTROL PERCENT Jun-24-15	AMAPA ----- CONTROL PERCENT Aug-12-15	ANNUAL GRASS CONTROL PERCENT Aug-12-15	CASOB ----- CONTROL PERCENT Aug-12-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit Stg	Appl Code	8	9	10	11	12	13
1	NTC						0.0 d	0.0 c	0.0 d	0.0 b	0.0 f	0.0 d
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	60.0 ab	99.0 a	99.0 a	99.0 a	94.8 ab	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	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	18.0 oz/a	POST	C						
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	60.0 ab	99.0 a	98.0 ab	99.0 a	96.0 ab	99.0 a
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	56.3 ab	99.0 a	91.3 c	99.0 a	51.3 de	24.8 cd
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	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	18.0 oz/a	POST	C						
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	58.8 ab	99.0 a	93.5 bc	99.0 a	57.5 cd	0.0 d
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	COBRA	2	EC	12.5 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	55.0 abc	99.0 a	89.8 c	99.0 a	28.8 e	0.0 d
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	65.0 a	99.0 a	91.0 c	99.0 a	51.3 de	0.0 d
	VALOR SX	51	WG	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	56.3 ab	99.0 a	98.0 ab	99.0 a	97.0 a	74.3 ab
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	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	18.0 oz/a	POST	C						
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	46.3 bc	76.5 b	99.0 a	99.0 a	94.5 ab	99.0 a
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	WARRANT	3	ME	48.0 oz/a	EPOST	B						
	NIS			0.25 % v/v	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						

# University of Georgia

Weed Code							CYPSP	AMAPA	ANNUAL GRASS	AMAPA	ANNUAL GRASS	CASOB
Crop Code							-----	-----		-----		-----
Part Rated												
Rating Data Type							CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date							Jun-2-15	Jun-24-15	Jun-24-15	Aug-12-15	Aug-12-15	Aug-12-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code	8	9	10	11	12	13
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	51.3 abc	99.0 a	98.0 ab	99.0 a	76.3 abc	24.8 cd
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	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	18.0 oz/a	POST	C						
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	52.5 abc	99.0 a	99.0 a	99.0 a	78.5 abc	24.8 cd
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	WARRANT	3	ME	48.0 oz/a	EPOST	B						
	NIS			0.25 % v/v	EPOST	B						
	COBRA	2	EC	12.5 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	45.0 bc	99.0 a	98.0 ab	99.0 a	66.3 cd	24.8 cd
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B						
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	40.0 c	99.0 a	99.0 a	99.0 a	71.3 bcd	49.5 bc
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B						
	STORM	4	SL	16.0 oz/a	EPOST	B						
	WARRANT	3	ME	48.0 oz/a	EPOST	B						
	NIS			0.25 % v/v	EPOST	B						
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
LSD P=.10							13.44	14.90	4.46	.	21.87	41.25
Standard Deviation							11.26	12.48	3.74	0.00	18.32	34.55
CV							22.65	13.92	4.21	0.0	27.59	86.42
Grand Mean							49.71	89.65	88.73	91.38	66.40	39.98
Bartlett's X2							12.02	0.0	14.134	0.0	35.267	0.105
P(Bartlett's X2)							0.362	.	0.049*	.	0.001*	1.00
Replicate F							4.353	1.000	1.263	0.000	2.865	1.000
Replicate Prob(F)							0.0103	0.4040	0.3016	1.0000	0.0501	0.4040
Treatment F							8.547	19.627	206.727	0.000	9.971	5.316
Treatment Prob(F)							0.0001	0.0001	0.0001	1.0000	0.0001	0.0001



# University of Georgia

PEANUT WEED  
CONTROL PROGRAMS - II  
Trial ID: PE-13-15 Study Dir.: MARK BRAXTON  
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code  
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.  
CASOB = SICKLEPOD / CASSIA OBTUSIFOLIA L.  
Part Rated  
PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

# University of Georgia

PEANUT WEED CONTROL PROGRAMS - II							-----	AMAPA	ANNUAL	CYPSP	AMAPA	ANNUAL		
Trial ID: PE-13-15		Study Dir.: MARK BRAXTON						-----	-----	-----	-----	-----	-----	
Location: ATTAPULGUS		Investigator: Eric P. Prostko						ARAHY	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date		PLANT -	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
							STUNTING	May-20-15	May-20-15	May-20-15	Jun-2-15	Jun-2-15		
							PERCENT							
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
1	NTC							101	0.0	0.0	0.0	0.0	0.0	0.0
								208	0.0	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0	0.0
								408	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	10.0	99.0	99.0	65.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	201	10.0	99.0	90.0	85.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	313	10.0	99.0	99.0	60.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	403	10.0	99.0	99.0	75.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	10.0	99.0	96.8	71.3	99.0	99.0
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	10.0	99.0	99.0	65.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	202	10.0	99.0	99.0	85.0	99.0	95.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	309	10.0	99.0	99.0	65.0	99.0	90.0
	CADRE	2	AS	4.0	oz/a	POST	C	407	10.0	99.0	99.0	65.0	99.0	99.0
	WARRANT	3	ME	48.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	10.0	99.0	99.0	70.0	99.0	95.8
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	10.0	99.0	99.0	65.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	10.0	99.0	99.0	65.0	99.0	85.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	312	10.0	99.0	99.0	65.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	401	10.0	99.0	99.0	65.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	10.0	99.0	99.0	65.0	99.0	93.3
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	0.0	99.0	99.0	65.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	207	10.0	99.0	99.0	60.0	99.0	80.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	10.0	99.0	99.0	85.0	99.0	95.0
	COBRA	2	EC	12.5	oz/a	POST	C	411	10.0	99.0	99.0	65.0	99.0	99.0
	WARRANT	3	ME	48.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	7.5	99.0	99.0	68.8	99.0	93.3
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	10.0	99.0	99.0	65.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	210	10.0	99.0	99.0	65.0	99.0	95.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	304	0.0	99.0	99.0	50.0	99.0	99.0
	ULTRA BLAZER	2	AS	24.0	oz/a	POST	C	410	10.0	99.0	90.0	65.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
								Mean =	7.5	99.0	96.8	61.3	99.0	94.5
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	10.0	99.0	99.0	60.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	212	10.0	99.0	95.0	85.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	305	10.0	99.0	99.0	75.0	99.0	99.0
	ULTRA BLAZER	2	AS	24.0	oz/a	POST	C	406	10.0	99.0	95.0	85.0	99.0	85.0
	WARRANT	3	ME	48.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	10.0	99.0	97.0	76.3	99.0	95.5
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	0.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	206	0.0	99.0	99.0	0.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	308	0.0	99.0	99.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	404	0.0	99.0	90.0	0.0	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	18.0	oz/a	POST	C							
								Mean =	0.0	99.0	96.8	0.0	99.0	99.0

# University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY PLANT - STUNTING PERCENT May-20-15	AMAPA ----- CONTROL PERCENT May-20-15	ANNUAL GRASS CONTROL PERCENT May-20-15	CYPSP ----- CONTROL PERCENT May-20-15	AMAPA ----- CONTROL PERCENT Jun-2-15	ANNUAL GRASS CONTROL PERCENT Jun-2-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code Plot	1	2	3	4	5	6
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	0.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 205	0.0	99.0	99.0	85.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 310	0.0	99.0	99.0	0.0	99.0	99.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B 409	0.0	99.0	99.0	0.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
						Mean =	0.0	99.0	99.0	21.3	99.0	99.0
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	0.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 213	0.0	99.0	99.0	0.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 303	0.0	99.0	99.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 405	0.0	99.0	99.0	0.0	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	18.0 oz/a	POST	C						
						Mean =	0.0	99.0	99.0	0.0	99.0	99.0
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	0.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 204	0.0	99.0	90.0	0.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 307	0.0	99.0	85.0	0.0	99.0	99.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B 412	0.0	99.0	95.0	0.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B						
	COBRA	2	EC	12.5 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
						Mean =	0.0	99.0	92.3	0.0	99.0	99.0
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	0.0	99.0	99.0	0.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 211	0.0	99.0	99.0	0.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 302	0.0	99.0	99.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 413	0.0	99.0	90.0	0.0	99.0	99.0
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
						Mean =	0.0	99.0	96.8	0.0	99.0	99.0
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 113	0.0	99.0	90.0	0.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 209	0.0	99.0	99.0	0.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 311	0.0	99.0	99.0	0.0	99.0	99.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B 402	0.0	99.0	85.0	0.0	99.0	99.0
	NIS			0.25 % v/v	EPOST	B						
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
						Mean =	0.0	99.0	93.3	0.0	99.0	99.0

# University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							CASOB ----- CONTROL PERCENT Jun-2-15	CYPSP ----- CONTROL PERCENT Jun-2-15	AMAPA ----- CONTROL PERCENT Jun-24-15	ANNUAL GRASS CONTROL PERCENT Jun-24-15	AMAPA ----- CONTROL PERCENT Aug-12-15	ANNUAL GRASS CONTROL PERCENT Aug-12-15
Trt Treatment No. Name	Form Form Conc Type Rate	Rate Unit	Grow Stg	Appl Code Plot		7	8	9	10	11	12	
1 NTC				101		0.0	0.0	0.0	0.0	0.0	0.0	
				208		0.0	0.0	0.0	0.0	0.0	0.0	
				306		0.0	0.0	0.0	0.0	0.0	0.0	
				408		0.0	0.0	0.0	0.0	0.0	0.0	
				Mean =		0.0	0.0	0.0	0.0	0.0	0.0	
2 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 102		0.0	50.0	99.0	99.0	99.0	99.0	
VALOR SX	51 WG	3.0 oz/a	PRE	A 201		0.0	75.0	99.0	99.0	99.0	90.0	
STRONGARM	84 WG	0.225 oz/a	PRE	A 313		80.0	50.0	99.0	99.0	99.0	95.0	
CADRE	2 AS	4.0 oz/a	POST	C 403		50.0	65.0	99.0	99.0	99.0	95.0	
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C								
2,4-DB	1.75 SL	18.0 oz/a	POST	C								
				Mean =		32.5	60.0	99.0	99.0	99.0	94.8	
3 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 103		0.0	40.0	99.0	99.0	99.0	99.0	
VALOR SX	51 WG	3.0 oz/a	PRE	A 202		0.0	85.0	99.0	95.0	99.0	95.0	
STRONGARM	84 WG	0.225 oz/a	PRE	A 309		50.0	65.0	99.0	99.0	99.0	95.0	
CADRE	2 AS	4.0 oz/a	POST	C 407		50.0	50.0	99.0	99.0	99.0	95.0	
WARRANT	3 ME	48.0 oz/a	POST	C								
2,4-DB	1.75 SL	18.0 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
				Mean =		25.0	60.0	99.0	98.0	99.0	96.0	
4 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 104		0.0	50.0	99.0	95.0	99.0	65.0	
VALOR SX	51 WG	3.0 oz/a	PRE	A 203		0.0	60.0	99.0	85.0	99.0	0.0	
STRONGARM	84 WG	0.225 oz/a	PRE	A 312		85.0	55.0	99.0	95.0	99.0	90.0	
COBRA	2 EC	12.5 oz/a	POST	C 401		0.0	60.0	99.0	90.0	99.0	50.0	
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C								
2,4-DB	1.75 SL	18.0 oz/a	POST	C								
				Mean =		21.3	56.3	99.0	91.3	99.0	51.3	
5 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 105		0.0	65.0	99.0	95.0	99.0	65.0	
VALOR SX	51 WG	3.0 oz/a	PRE	A 207		80.0	50.0	99.0	99.0	99.0	60.0	
STRONGARM	84 WG	0.225 oz/a	PRE	A 301		0.0	60.0	99.0	85.0	99.0	20.0	
COBRA	2 EC	12.5 oz/a	POST	C 411		75.0	60.0	99.0	95.0	99.0	85.0	
WARRANT	3 ME	48.0 oz/a	POST	C								
2,4-DB	1.75 SL	18.0 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
				Mean =		38.8	58.8	99.0	93.5	99.0	57.5	
6 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 106		0.0	60.0	99.0	99.0	99.0	65.0	
VALOR SX	51 WG	3.0 oz/a	PRE	A 210		0.0	65.0	99.0	80.0	99.0	20.0	
STRONGARM	84 WG	0.225 oz/a	PRE	A 304		40.0	30.0	99.0	95.0	99.0	30.0	
ULTRA BLAZER	2 AS	24.0 oz/a	POST	C 410		50.0	65.0	99.0	85.0	99.0	0.0	
DUAL MAGNUM	7.62 EC	16.0 oz/a	POST	C								
2,4-DB	1.75 SL	18.0 oz/a	POST	C								
				Mean =		22.5	55.0	99.0	89.8	99.0	28.8	
7 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 107		0.0	50.0	99.0	90.0	99.0	60.0	
VALOR SX	51 WG	3.0 oz/a	PRE	A 212		0.0	65.0	99.0	90.0	99.0	20.0	
STRONGARM	84 WG	0.225 oz/a	PRE	A 305		50.0	60.0	99.0	99.0	99.0	85.0	
ULTRA BLAZER	2 AS	24.0 oz/a	POST	C 406		50.0	85.0	99.0	85.0	99.0	40.0	
WARRANT	3 ME	48.0 oz/a	POST	C								
2,4-DB	1.75 SL	18.0 oz/a	POST	C								
NIS		0.25 % v/v	POST	C								
				Mean =		25.0	65.0	99.0	91.0	99.0	51.3	
8 PROWL H20	3.8 SC	32.0 oz/a	PRE	A 108		0.0	50.0	99.0	95.0	99.0	99.0	
GRAMOXONE	2 SL	12.0 oz/a	EPOST	B 206		80.0	65.0	99.0	99.0	99.0	99.0	
STORM	4 SL	16.0 oz/a	EPOST	B 308		50.0	60.0	99.0	99.0	99.0	95.0	
DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST	B 404		50.0	50.0	99.0	99.0	99.0	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	18.0 oz/a	POST	C								
				Mean =		45.0	56.3	99.0	98.0	99.0	97.0	

# University of Georgia

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							CASOB ----- CONTROL PERCENT Jun-2-15	CYPSP ----- CONTROL PERCENT Jun-2-15	AMAPA ----- CONTROL PERCENT Jun-24-15	ANNUAL GRASS CONTROL PERCENT Jun-24-15	AMAPA ----- CONTROL PERCENT Aug-12-15	ANNUAL GRASS CONTROL PERCENT Aug-12-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code Plot	7	8	9	10	11	12
9	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 109	0.0	30.0	99.0	99.0	99.0	85.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 205	0.0	65.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0 oz/a	EPOST	B 310	50.0	60.0	9.0	99.0	99.0	99.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B 409	99.0	30.0	99.0	99.0	99.0	95.0
	NIS			0.25 % v/v	EPOST	B						
	CADRE	2	AS	4.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
						Mean =	37.3	46.3	76.5	99.0	99.0	94.5
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 110	0.0	30.0	99.0	99.0	99.0	95.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 213	0.0	50.0	99.0	99.0	99.0	60.0
	STORM	4	SL	16.0 oz/a	EPOST	B 303	99.0	65.0	99.0	99.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 405	50.0	60.0	99.0	95.0	99.0	60.0
	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	18.0 oz/a	POST	C						
						Mean =	37.3	51.3	99.0	98.0	99.0	76.3
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 111	99.0	50.0	99.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 204	0.0	50.0	99.0	99.0	99.0	65.0
	STORM	4	SL	16.0 oz/a	EPOST	B 307	50.0	50.0	99.0	99.0	99.0	85.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B 412	85.0	60.0	99.0	99.0	99.0	65.0
	NIS			0.25 % v/v	EPOST	B						
	COBRA	2	EC	12.5 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
						Mean =	58.5	52.5	99.0	99.0	99.0	78.5
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	99.0	40.0	99.0	99.0	99.0	70.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 211	50.0	60.0	99.0	95.0	99.0	60.0
	STORM	4	SL	16.0 oz/a	EPOST	B 302	60.0	30.0	99.0	99.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	B 413	80.0	50.0	99.0	99.0	99.0	50.0
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
						Mean =	72.3	45.0	99.0	98.0	99.0	66.3
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 113	0.0	30.0	99.0	99.0	99.0	50.0
	GRAMOXONE	2	SL	12.0 oz/a	EPOST	B 209	80.0	50.0	99.0	99.0	99.0	60.0
	STORM	4	SL	16.0 oz/a	EPOST	B 311	99.0	30.0	99.0	99.0	99.0	90.0
	WARRANT	3	ME	48.0 oz/a	EPOST	B 402	80.0	50.0	99.0	99.0	99.0	85.0
	NIS			0.25 % v/v	EPOST	B						
	ULTRA BLAZER	2	AS	24.0 oz/a	POST	C						
	WARRANT	3	ME	48.0 oz/a	POST	C						
	2,4-DB	1.75	SL	18.0 oz/a	POST	C						
	NIS			0.25 % v/v	POST	C						
						Mean =	64.8	40.0	99.0	99.0	99.0	71.3

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							CASOB -----  CONTROL PERCENT Aug-12-15		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code Plot	13	
1	NTC						101 208 306 408 Mean =	0.0 0.0 0.0 0.0 0.0	
2	PROWL H20 VALOR SX STRONGARM CADRE DUAL MAGNUM 2,4-DB	3.8 51 84 2 7.62 1.75	SC WG WG AS EC SL	32.0 3.0 0.225 4.0 16.0 18.0	oz/a oz/a oz/a oz/a oz/a oz/a	PRE PRE PRE POST POST POST	A A A C C C	102 201 313 403   Mean =	99.0 99.0 99.0 99.0   99.0
3	PROWL H20 VALOR SX STRONGARM CADRE WARRANT 2,4-DB NIS	3.8 51 84 2 3 1.75	SC WG WG AS ME SL	32.0 3.0 0.225 4.0 48.0 18.0 0.25	oz/a oz/a oz/a oz/a oz/a oz/a % v/v	PRE PRE PRE POST POST POST POST	A A A C C C C	103 202 309 407   Mean =	99.0 99.0 99.0 99.0   99.0
4	PROWL H20 VALOR SX STRONGARM COBRA DUAL MAGNUM 2,4-DB	3.8 51 84 2 7.62 1.75	SC WG WG EC EC SL	32.0 3.0 0.225 12.5 16.0 18.0	oz/a oz/a oz/a oz/a oz/a oz/a	PRE PRE PRE POST POST POST	A A A C C C	104 203 312 401   Mean =	0.0 0.0 99.0 0.0   24.8
5	PROWL H20 VALOR SX STRONGARM COBRA WARRANT 2,4-DB NIS	3.8 51 84 2 3 1.75	SC WG WG EC ME SL	32.0 3.0 0.225 12.5 48.0 18.0 0.25	oz/a oz/a oz/a oz/a oz/a oz/a % v/v	PRE PRE PRE POST POST POST POST	A A A C C C C	105 207 301 411   Mean =	0.0 0.0 0.0 0.0   0.0
6	PROWL H20 VALOR SX STRONGARM ULTRA BLAZER DUAL MAGNUM 2,4-DB	3.8 51 84 2 7.62 1.75	SC WG WG AS EC SL	32.0 3.0 0.225 24.0 16.0 18.0	oz/a oz/a oz/a oz/a oz/a oz/a	PRE PRE PRE POST POST POST	A A A C C C	106 210 304 410   Mean =	0.0 0.0 0.0 0.0   0.0
7	PROWL H20 VALOR SX STRONGARM ULTRA BLAZER WARRANT 2,4-DB NIS	3.8 51 84 2 3 1.75	SC WG WG AS ME SL	32.0 3.0 0.225 24.0 48.0 18.0 0.25	oz/a oz/a oz/a oz/a oz/a oz/a % v/v	PRE PRE PRE POST POST POST POST	A A A C C C C	107 212 305 406   Mean =	0.0 0.0 0.0 0.0   0.0
8	PROWL H20 GRAMOXONE STORM DUAL MAGNUM CADRE DUAL MAGNUM 2,4-DB	3.8 2 4 7.62 2 7.62 1.75	SC SL SL EC AS EC SL	32.0 12.0 16.0 16.0 4.0 16.0 18.0	oz/a oz/a oz/a oz/a oz/a oz/a oz/a	PRE EPOST EPOST EPOST POST POST POST	A B B B C C C	108 206 308 404   Mean =	99.0 99.0 0.0 99.0   74.3

# University of Georgia

Weed Code							CASOB	
Crop Code							----	
Part Rated								
Rating Data Type							CONTROL	
Rating Unit							PERCENT	
Rating Date							Aug-12-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Grow Stg	Appl Code Plot	
								13
9	PROWL H20	3.8	SC	32.0 oz/a		PRE A	109	99.0
	GRAMOXONE	2	SL	12.0 oz/a		EPOST B	205	99.0
	STORM	4	SL	16.0 oz/a		EPOST B	310	99.0
	WARRANT	3	ME	48.0 oz/a		EPOST B	409	99.0
	NIS			0.25 % v/v		EPOST B		
	CADRE	2	AS	4.0 oz/a		POST C		
	WARRANT	3	ME	48.0 oz/a		POST C		
	2,4-DB	1.75	SL	18.0 oz/a		POST C		
	NIS			0.25 % v/v		POST C		
Mean =								99.0
10	PROWL H20	3.8	SC	32.0 oz/a		PRE A	110	99.0
	GRAMOXONE	2	SL	12.0 oz/a		EPOST B	213	0.0
	STORM	4	SL	16.0 oz/a		EPOST B	303	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a		EPOST B	405	0.0
	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	18.0 oz/a		POST C		
Mean =								24.8
11	PROWL H20	3.8	SC	32.0 oz/a		PRE A	111	99.0
	GRAMOXONE	2	SL	12.0 oz/a		EPOST B	204	0.0
	STORM	4	SL	16.0 oz/a		EPOST B	307	0.0
	WARRANT	3	ME	48.0 oz/a		EPOST B	412	0.0
	NIS			0.25 % v/v		EPOST B		
	COBRA	2	EC	12.5 oz/a		POST C		
	WARRANT	3	ME	48.0 oz/a		POST C		
	2,4-DB	1.75	SL	18.0 oz/a		POST C		
	NIS			0.25 % v/v		POST C		
Mean =								24.8
12	PROWL H20	3.8	SC	32.0 oz/a		PRE A	112	99.0
	GRAMOXONE	2	SL	12.0 oz/a		EPOST B	211	0.0
	STORM	4	SL	16.0 oz/a		EPOST B	302	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a		EPOST B	413	0.0
	ULTRA BLAZER	2	AS	24.0 oz/a		POST C		
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST C		
	2,4-DB	1.75	SL	18.0 oz/a		POST C		
Mean =								24.8
13	PROWL H20	3.8	SC	32.0 oz/a		PRE A	113	0.0
	GRAMOXONE	2	SL	12.0 oz/a		EPOST B	209	99.0
	STORM	4	SL	16.0 oz/a		EPOST B	311	99.0
	WARRANT	3	ME	48.0 oz/a		EPOST B	402	0.0
	NIS			0.25 % v/v		EPOST B		
	ULTRA BLAZER	2	AS	24.0 oz/a		POST C		
	WARRANT	3	ME	48.0 oz/a		POST C		
	2,4-DB	1.75	SL	18.0 oz/a		POST C		
	NIS			0.25 % v/v		POST C		
Mean =								49.5

# University of Georgia

PEANUT WEED  
CONTROL PROGRAMS - II  
Trial ID: PE-13-15 Study Dir.: MARK BRAXTON  
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code  
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.  
CASOB = SICKLEPOD / CASSIA OBTUSIFOLIA L.  
Part Rated  
PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)