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BRAKE FOR WEED CONTROL IN PEANUT									
Trial ID: PE-18-15		Study Dir.: KYLE BRISCOE							
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 Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	2	3	4
1	NTC							101	205	312	405
2	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 1.5 oz/a	PRE PRE	A A	7.499 ml/mx 1.123 g/mx	102	206	309	401
3	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 3.0 oz/a	PRE PRE	A A	7.499 ml/mx 2.247 g/mx	103	210	311	407
4	DUAL MAGNUM VALOR SX	7.62 EC 51 WG		16.0 oz/a 3.0 oz/a	PRE PRE	A A	12.5 ml/mx 2.247 g/mx	104	207	306	409
5	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 1.5 oz/a	PRE PRE	A A	7.499 ml/mx 1.123 g/mx	105	204	305	406
	CADRE	2 AS		4.0 oz/a	POST1	B	3.125 ml/mx				
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				
6	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 3.0 oz/a	PRE PRE	A A	7.499 ml/mx 2.247 g/mx	106	208	310	412
	CADRE	2 AS		4.0 oz/a	POST1	B	3.125 ml/mx				
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				
7	DUAL MAGNUM VALOR SX	7.62 EC 51 WG		16.0 oz/a 3.0 oz/a	PRE PRE	A A	12.5 ml/mx 2.247 g/mx	107	211	302	408
	CADRE	2 AS		4.0 oz/a	POST1	B	3.125 ml/mx				
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				
8	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 1.5 oz/a	PRE PRE	A A	7.499 ml/mx 1.123 g/mx	108	203	304	402
	CADRE	2 AS		4.0 oz/a	POST1	B	3.125 ml/mx				
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				
	COBRA	2 EC		12.5 oz/a	POST2	C	9.765 ml/mx				
	2,4-DB	1.75 SL		16.0 oz/a	POST2	C	12.5 ml/mx				
	COC			1.0 % v/v	POST2	C	15.0 ml/mx				
9	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 3.0 oz/a	PRE PRE	A A	7.499 ml/mx 2.247 g/mx	109	202	301	404
	CADRE	2 AS		4.0 oz/a	POST1	B	3.125 ml/mx				
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				
	COBRA	2 EC		12.5 oz/a	POST2	C	9.765 ml/mx				
	2,4-DB	1.75 SL		16.0 oz/a	POST2	C	12.5 ml/mx				
	COC			1.0 % v/v	POST2	C	15.0 ml/mx				
10	DUAL MAGNUM VALOR SX	7.62 EC 51 WG		16.0 oz/a 3.0 oz/a	PRE PRE	A A	12.5 ml/mx 2.247 g/mx	110	212	307	411
	CADRE	2 AS		4.0 oz/a	POST1	B	3.125 ml/mx				
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				
	COBRA	2 EC		12.5 oz/a	POST2	C	9.765 ml/mx				
	2,4-DB	1.75 SL		16.0 oz/a	POST2	C	12.5 ml/mx				
	COC			1.0 % v/v	POST2	C	15.0 ml/mx				
11	SP1171	2 L		9.6 oz/a	PRE	A	7.499 ml/mx	111	209	303	410
12	SP1171 CADRE	2 L 2 AS		9.6 oz/a 4.0 oz/a	PRE POST1	A B	7.499 ml/mx 3.125 ml/mx	112	201	308	403
	COC			1.0 % v/v	POST1	B	15.0 ml/mx				

Sort Order: Treatment

Trial Comments
ANNUAL GRASS = TEXAS PANICUM + CRABGRASS
<u>SUMMARY:</u>
1) PRE APPLICATIONS OF BRAKE ALONE CAUSED SLIGHT PEANUT STUNTING AND CHLOROSIS (WHITENING).
2) PRE APPLICATIONS OF BRAKE ALONE PROVIDED EXCELLENT CONTROL OF PALMER AMARANTH (99%) BUT POOR CONTROL OF ANNUAL GRASSES , NUTSEDGE, AND SICKLEPOD (<50%).

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3) GENERALLY, BRAKE + VALOR WEED CONTROL PROGRAMS WERE COMPARABLE TO DUAL MAGNUM + VALOR CONTROL PROGRAMS. IN SOME RATINGS, DUAL + VALOR TREATMENTS PROVIDED BETTER ANNUAL GRASS CONTROL THAN BRAKE + VALOR TREATMENTS.

4) PEANUT YIELD DATA WAS NO COLLECTED TO THE LACK OF GRASS CONTROL IN SEVERAL TREATMENTS.

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BRAKE FOR WEED CONTROL IN PEANUT

Trial ID: PE-18-15 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KYLE BRISCOE **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 TEXAS PANICUM + CRABGRASS
Weed 3. CASOB SICKLEPOD **4.** CYPSP YELLOW + PUTPLE NUTSEDEGE

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** Sep-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: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: THIMET INFR

Previous: Crops **Pesticides** **Year**
 1. FIELD CORN 2014 _____

MAINTENANCE

Field Prep./Maintenance: _____
 Form Form Form **Rate**
No. Date Treatment Name 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
Application Date:	May-5-15	Jun-2-15	_____	_____	_____	_____
Time of Day:	9:00 AM	7:45 AM	_____	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	_____	_____	_____	_____
Application Timing:	PRE	POST	_____	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE	_____	_____	_____	_____
Air Temp., Unit:	79 F	74 F	_____	_____	_____	_____
% Relative Humidity:	53	73	_____	_____	_____	_____
Wind Velocity, Unit:	2 MPH	1 MPH	_____	_____	_____	_____
Dew Presence (Y/N):	N	Y	_____	_____	_____	_____
Water Hardness:	__	__	_____	_____	_____	_____
Soil Temp., Unit:	69 F	76 F	_____	_____	_____	_____
Soil Moisture:	OPTIMUM	OPTIMUM	_____	_____	_____	_____
% Cloud Cover:	10	65	_____	_____	_____	_____

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage:	ARAHY	8" WIDE	_____	_____	_____	_____
Stage Scale:	_____	R1	_____	_____	_____	_____
Height, Unit:	_____	6 IN	_____	_____	_____	_____

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		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	_____	_____	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 2	Stage: AGRASS	_____	3-5"	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 3	Stage: CASOB	_____	2-6"	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____
Weed 4	Stage: CYPSP	_____	4-6"	_____	_____	_____	_____
	Stage Scale:	_____	_____	_____	_____	_____	_____
	Density, Unit:	_____	_____	_____	_____	_____	_____

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	_____	_____	_____	_____	_____
Operating Pressure:	40	38	_____	_____	_____	_____	_____
Nozzle Type:	AIXR	FLAT FAN	_____	_____	_____	_____	_____
Nozzle Size:	11002	11002DG	_____	_____	_____	_____	_____
Nozzle Spacing, Unit:	20	IN 20	IN	_____	_____	_____	_____
Nozzles/Row:	_____	_____	_____	_____	_____	_____	_____
Band Width, Unit:	_____	_____	_____	_____	_____	_____	_____
Boom Length, Unit:	60	IN 60	IN	_____	_____	_____	_____
Boom Height, Unit:	20	IN 20	IN	_____	_____	_____	_____
Ground Speed, Unit:	3.5	MPH 3.5	MPH	_____	_____	_____	_____
Incorporation Equip.:	_____	_____	_____	_____	_____	_____	_____
Hours to Incorp.:	_____	_____	_____	_____	_____	_____	_____
Incorp. Depth, Unit:	_____	_____	_____	_____	_____	_____	_____
Carrier:	WATER	WATER	_____	_____	_____	_____	_____
Spray Volume, Unit:	15	GPA 15	GPA	_____	_____	_____	_____
Spray pH:	_____	_____	_____	_____	_____	_____	_____
Propellant:	CO2	CO2	_____	_____	_____	_____	_____
Tank Mix (Y/N):	-	-	-	-	-	-	-

Trt No	Treatment Application Comment
_____	_____

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Trial ID: PE-18-15		Study Dir.: KYLE BRISCOE												
Location: ATTAPULGUS		Investigator: Eric P. Probstko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- ARAHY PLANT - STUNTING	----- ARAHY PLANT C CHLOROSI	AMAPA ----- CONTROL	ANNUAL GRASS CONTROL	AMAPA ----- CONTROL	ANNUAL GRASS CONTROL	CASOB ----- CONTROL		
						PERCENT May-20-15	PERCENT May-20-15	PERCENT May-20-15	PERCENT May-20-15	PERCENT Jun-2-15	PERCENT Jun-2-15	PERCENT Jun-2-15		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6	7
1	NTC							2.5 bc	0.0 d	0.0 b	0.0 h	0.0 b	0.0 g	0.0 c
2	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 1.5 oz/a	PRE PRE	A A		0.0 c	3.8 b	99.0 a	62.5 ef	99.0 a	26.3 ef	0.0 c
3	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 3.0 oz/a	PRE PRE	A A		7.5 ab	0.0 d	99.0 a	88.5 abc	99.0 a	70.0 abc	0.0 c
4	DUAL MAGNUM VALOR SX	7.62 EC 51 WG		16.0 oz/a 3.0 oz/a	PRE PRE	A A		7.5 ab	0.0 d	99.0 a	92.3 ab	99.0 a	70.0 abc	46.3 a
5	SP1171 VALOR SX CADRE COC	2 L 51 WG 2 AS		9.6 oz/a 1.5 oz/a 4.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1	A A B B		7.5 ab	2.5 bc	99.0 a	68.8 de	99.0 a	38.8 de	12.5 bc
6	SP1171 VALOR SX CADRE COC	2 L 51 WG 2 AS		9.6 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1	A A B B		5.0 abc	1.3 cd	99.0 a	80.0 bcd	99.0 a	53.8 bcd	28.8 abc
7	DUAL MAGNUM VALOR SX CADRE COC	7.62 EC 51 WG 2 AS		16.0 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1	A A B B		10.0 a	0.0 d	99.0 a	97.0 a	99.0 a	83.5 a	28.8 abc
8	SP1171 VALOR SX CADRE COC COBRA 2,4-DB COC	2 L 51 WG 2 AS 2 EC 1.75 SL		9.6 oz/a 1.5 oz/a 4.0 oz/a 1.0 % v/v 12.5 oz/a 16.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1 POST2 POST2 POST2	A A B B C C C		8.8 ab	3.8 b	99.0 a	74.8 cde	99.0 a	47.5 cde	12.5 bc
9	SP1171 VALOR SX CADRE COC COBRA 2,4-DB COC	2 L 51 WG 2 AS 2 EC 1.75 SL		9.6 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v 12.5 oz/a 16.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1 POST2 POST2 POST2	A A B B C C C		3.8 abc	0.0 d	99.0 a	72.5 cde	99.0 a	62.5 a-d	12.5 bc
10	DUAL MAGNUM VALOR SX CADRE COC COBRA 2,4-DB COC	7.62 EC 51 WG 2 AS 2 EC 1.75 SL		16.0 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v 12.5 oz/a 16.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1 POST2 POST2 POST2	A A B B C C C		10.0 a	0.0 d	99.0 a	92.3 ab	99.0 a	77.5 ab	37.5 ab
11	SP1171	2 L		9.6 oz/a	PRE	A		7.5 ab	10.0 a	99.0 a	50.0 fg	99.0 a	25.0 efg	0.0 c
12	SP1171 CADRE COC	2 L 2 AS		9.6 oz/a 4.0 oz/a 1.0 % v/v	PRE POST1 POST1	A B B		0.0 c	8.8 a	99.0 a	35.0 g	99.0 a	12.5 fg	25.0 abc
LSD P=.10								5.77	2.04	.	15.06	.	23.79	26.75
Standard Deviation								4.82	1.70	0.00	12.59	0.00	19.88	22.36
CV								82.63	68.16	0.0	18.57	0.0	42.05	131.66
Grand Mean								5.83	2.50	90.75	67.79	90.75	47.27	16.98
Bartlett's X2								1.948	0.101	0.0	18.011	0.0	20.539	0.954
P(Bartlett's X2)								0.992	0.999	.	0.035*	.	0.025*	0.996
Replicate F								1.375	0.478	0.000	0.684	0.000	4.601	2.677
Replicate Prob(F)								0.2675	0.6996	1.0000	0.5685	1.0000	0.0085	0.0631
Treatment F								2.168	17.217	0.000	19.998	0.000	7.351	2.061
Treatment Prob(F)								0.0424	0.0001	1.0000	0.0001	1.0000	0.0001	0.0536

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.
 Missing data estimates are included in columns: Yates=11
 Could not calculate LSD (% mean diff) for columns 3,5,9 because error mean square = 0.

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						CYPSP ----- CONTROL PERCENT Jun-2-15	AMAPA ----- CONTROL PERCENT Jun-15-15	ANNUAL GRASS CONTROL PERCENT Jun-15-15	CASOB ----- CONTROL PERCENT Jun-15-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	8	9	10	11
1	NTC						0.0 e	0.0 b	0.0 e	0.0 d
2	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 1.5 oz/a	PRE PRE	A A	7.5 de	99.0 a	10.0 e	0.0 d
3	SP1171 VALOR SX	2 L 51 WG		9.6 oz/a 3.0 oz/a	PRE PRE	A A	32.5 a-d	99.0 a	43.8 cd	23.8 cd
4	DUAL MAGNUM VALOR SX	7.62 EC 51 WG		16.0 oz/a 3.0 oz/a	PRE PRE	A A	52.5 a	99.0 a	56.3 c	38.8 bc
5	SP1171 VALOR SX CADRE COC	2 L 51 WG 2 AS		9.6 oz/a 1.5 oz/a 4.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1	A A B B	12.5 cde	99.0 a	71.3 b	90.0 a
6	SP1171 VALOR SX CADRE COC	2 L 51 WG 2 AS		9.6 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1	A A B B	26.3 b-e	99.0 a	82.5 ab	71.0 ab
7	DUAL MAGNUM VALOR SX CADRE COC	7.62 EC 51 WG 2 AS		16.0 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1	A A B B	43.8 ab	99.0 a	95.8 a	90.0 a
8	SP1171 VALOR SX CADRE COC COBRA 2,4-DB COC	2 L 51 WG 2 AS 2 EC 1.75 SL		9.6 oz/a 1.5 oz/a 4.0 oz/a 1.0 % v/v 12.5 oz/a 16.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1 POST2 POST2 POST2	A A B B C C C	15.0 cde	99.0 a	72.5 b	68.8 ab
9	SP1171 VALOR SX CADRE COC COBRA 2,4-DB COC	2 L 51 WG 2 AS 2 EC 1.75 SL		9.6 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v 12.5 oz/a 16.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1 POST2 POST2 POST2	A A B B C C C	7.5 de	99.0 a	75.0 b	90.0 a
10	DUAL MAGNUM VALOR SX CADRE COC COBRA 2,4-DB COC	7.62 EC 51 WG 2 AS 2 EC 1.75 SL		16.0 oz/a 3.0 oz/a 4.0 oz/a 1.0 % v/v 12.5 oz/a 16.0 oz/a 1.0 % v/v	PRE PRE POST1 POST1 POST2 POST2 POST2	A A B B C C C	57.5 a	99.0 a	92.0 a	90.0 a
11	SP1171	2 L		9.6 oz/a	PRE	A	15.0 cde	99.0 a	2.5 e	0.0 d
12	SP1171 CADRE COC	2 L 2 AS		9.6 oz/a 4.0 oz/a 1.0 % v/v	PRE POST1 POST1	A B B	35.0 abc	99.0 a	37.5 d	94.5 a
LSD P=.10							23.44	.	14.70	34.39
Standard Deviation							19.59	0.00	12.28	28.72
CV							77.07	0.0	23.07	52.47
Grand Mean							25.42	90.75	53.25	54.73
Bartlett's X2							16.177	0.0	11.872	44.534
P(Bartlett's X2)							0.095	.	0.294	0.001*
Replicate F							4.365	0.000	2.931	0.167
Replicate Prob(F)							0.0107	1.0000	0.0479	0.9179
Treatment F							3.709	0.000	31.229	7.594
Treatment Prob(F)							0.0017	1.0000	0.0001	0.0001

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BRAKE FOR WEED CONTROL IN PEANUT

Trial ID: PE-18-15 Study Dir.: KYLE BRISCOE
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)
C = Crop is Part Rated

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Trial ID: PE-18-15		Study Dir.: KYLE BRISCOE												
Location: ATTAPULGUS		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- ARAHY PLANT - STUNTING PERCENT May-20-15	----- ARAHY PLANT C CHLOROSI PERCENT May-20-15	AMAPA ----- CONTROL PERCENT May-20-15	ANNUAL GRASS CONTROL PERCENT May-20-15	AMAPA ----- CONTROL PERCENT Jun-2-15	ANNUAL GRASS CONTROL PERCENT Jun-2-15			
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
								205	0.0	0.0	0.0	0.0	0.0	0.0
								312	10.0	0.0	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0	0.0	0.0
								Mean =	2.5	0.0	0.0	0.0	0.0	0.0
2	SP1171	2 L		9.6 oz/a		PRE	A	102	0.0	5.0	99.0	75.0	99.0	65.0
	VALOR SX	51 WG		1.5 oz/a		PRE	A	206	0.0	5.0	99.0	50.0	99.0	40.0
								309	0.0	5.0	99.0	60.0	99.0	0.0
								401	0.0	0.0	99.0	65.0	99.0	0.0
								Mean =	0.0	3.8	99.0	62.5	99.0	26.3
3	SP1171	2 L		9.6 oz/a		PRE	A	103	10.0	0.0	99.0	99.0	99.0	80.0
	VALOR SX	51 WG		3.0 oz/a		PRE	A	210	0.0	0.0	99.0	90.0	99.0	75.0
								311	10.0	0.0	99.0	85.0	99.0	60.0
								407	10.0	0.0	99.0	80.0	99.0	65.0
								Mean =	7.5	0.0	99.0	88.5	99.0	70.0
4	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE	A	104	15.0	0.0	99.0	99.0	99.0	75.0
	VALOR SX	51 WG		3.0 oz/a		PRE	A	207	5.0	0.0	99.0	90.0	99.0	65.0
								306	0.0	0.0	99.0	90.0	99.0	65.0
								409	10.0	0.0	99.0	90.0	99.0	75.0
								Mean =	7.5	0.0	99.0	92.3	99.0	70.0
5	SP1171	2 L		9.6 oz/a		PRE	A	105	15.0	0.0	99.0	85.0	99.0	65.0
	VALOR SX	51 WG		1.5 oz/a		PRE	A	204	10.0	5.0	99.0	75.0	99.0	60.0
	CADRE	2 AS		4.0 oz/a		POST1	B	305	0.0	5.0	99.0	65.0	99.0	30.0
	COC			1.0 % v/v		POST1	B	406	5.0	0.0	99.0	50.0	99.0	0.0
								Mean =	7.5	2.5	99.0	68.8	99.0	38.8
6	SP1171	2 L		9.6 oz/a		PRE	A	106	5.0	5.0	99.0	85.0	99.0	70.0
	VALOR SX	51 WG		3.0 oz/a		PRE	A	208	10.0	0.0	99.0	85.0	99.0	80.0
	CADRE	2 AS		4.0 oz/a		POST1	B	310	0.0	0.0	99.0	60.0	99.0	0.0
	COC			1.0 % v/v		POST1	B	412	5.0	0.0	99.0	90.0	99.0	65.0
								Mean =	5.0	1.3	99.0	80.0	99.0	53.8
7	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE	A	107	10.0	0.0	99.0	99.0	99.0	99.0
	VALOR SX	51 WG		3.0 oz/a		PRE	A	211	5.0	0.0	99.0	95.0	99.0	80.0
	CADRE	2 AS		4.0 oz/a		POST1	B	302	10.0	0.0	99.0	99.0	99.0	70.0
	COC			1.0 % v/v		POST1	B	408	15.0	0.0	99.0	95.0	99.0	85.0
								Mean =	10.0	0.0	99.0	97.0	99.0	83.5
8	SP1171	2 L		9.6 oz/a		PRE	A	108	15.0	5.0	99.0	99.0	99.0	90.0
	VALOR SX	51 WG		1.5 oz/a		PRE	A	203	10.0	0.0	99.0	75.0	99.0	60.0
	CADRE	2 AS		4.0 oz/a		POST1	B	304	0.0	5.0	99.0	65.0	99.0	40.0
	COC			1.0 % v/v		POST1	B	402	10.0	5.0	99.0	60.0	99.0	0.0
	COBRA	2 EC		12.5 oz/a		POST2	C							
	2,4-DB	1.75 SL		16.0 oz/a		POST2	C							
	COC			1.0 % v/v		POST2	C							
								Mean =	8.8	3.8	99.0	74.8	99.0	47.5
9	SP1171	2 L		9.6 oz/a		PRE	A	109	0.0	0.0	99.0	90.0	99.0	85.0
	VALOR SX	51 WG		3.0 oz/a		PRE	A	202	0.0	0.0	99.0	50.0	99.0	50.0
	CADRE	2 AS		4.0 oz/a		POST1	B	301	10.0	0.0	99.0	65.0	99.0	50.0
	COC			1.0 % v/v		POST1	B	404	5.0	0.0	99.0	85.0	99.0	65.0
	COBRA	2 EC		12.5 oz/a		POST2	C							
	2,4-DB	1.75 SL		16.0 oz/a		POST2	C							
	COC			1.0 % v/v		POST2	C							
								Mean =	3.8	0.0	99.0	72.5	99.0	62.5
10	DUAL MAGNUM	7.62 EC		16.0 oz/a		PRE	A	110	15.0	0.0	99.0	85.0	99.0	85.0
	VALOR SX	51 WG		3.0 oz/a		PRE	A	212	10.0	0.0	99.0	90.0	99.0	75.0
	CADRE	2 AS		4.0 oz/a		POST1	B	307	5.0	0.0	99.0	95.0	99.0	75.0
	COC			1.0 % v/v		POST1	B	411	10.0	0.0	99.0	99.0	99.0	75.0
	COBRA	2 EC		12.5 oz/a		POST2	C							
	2,4-DB	1.75 SL		16.0 oz/a		POST2	C							
	COC			1.0 % v/v		POST2	C							
								Mean =	10.0	0.0	99.0	92.3	99.0	77.5

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Weed Code							-----	-----	AMAPA	ANNUAL	AMAPA	ANNUAL		
Crop Code							ARAHY	ARAHY	-----	GRASS	-----	GRASS		
Part Rated							PLANT -	PLANT C						
Rating Data Type							STUNTING	CHLOROSI	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit							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		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
11	SP1171	2 L		9.6 oz/a		PRE	A	111	10.0	10.0	99.0	50.0	99.0	40.0
								209	0.0	10.0	99.0	50.0	99.0	30.0
								303	15.0	10.0	99.0	50.0	99.0	30.0
								410	5.0	10.0	99.0	50.0	99.0	0.0
								Mean =	7.5	10.0	99.0	50.0	99.0	25.0
12	SP1171	2 L		9.6 oz/a		PRE	A	112	0.0	10.0	99.0	0.0	99.0	0.0
	CADRE	2 AS		4.0 oz/a		POST1	B	201	0.0	10.0	99.0	50.0	99.0	0.0
	COC			1.0 % v/v		POST1	B	308	0.0	5.0	99.0	50.0	99.0	50.0
								403	0.0	10.0	99.0	40.0	99.0	0.0
								Mean =	0.0	8.8	99.0	35.0	99.0	12.5

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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-15-15	ANNUAL GRASS CONTROL PERCENT Jun-15-15	CASOB ----- CONTROL PERCENT Jun-15-15			
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0
								312	0.0	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	SP1171	2 L		9.6 oz/a	PRE	A		102	0.0	0.0	99.0	20.0	0.0
	VALOR SX	51 WG		1.5 oz/a	PRE	A		206	0.0	0.0	99.0	0.0	0.0
								309	0.0	0.0	99.0	0.0	0.0*
								401	0.0	30.0	99.0	20.0	0.0
								Mean =	0.0	7.5	99.0	10.0	0.0
3	SP1171	2 L		9.6 oz/a	PRE	A		103	0.0	0.0	99.0	65.0	0.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A		210	0.0	50.0	99.0	40.0	0.0
								311	0.0	30.0	99.0	30.0	95.0
								407	0.0	50.0	99.0	40.0	0.0
								Mean =	0.0	32.5	99.0	43.8	23.8
4	DUAL MAGNUM	7.62 EC		16.0 oz/a	PRE	A		104	50.0	50.0	99.0	65.0	60.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A		207	50.0	50.0	99.0	50.0	0.0
								306	0.0	60.0	99.0	30.0	0.0
								409	85.0	50.0	99.0	80.0	95.0
								Mean =	46.3	52.5	99.0	56.3	38.8
5	SP1171	2 L		9.6 oz/a	PRE	A		105	50.0	0.0	99.0	85.0	95.0
	VALOR SX	51 WG		1.5 oz/a	PRE	A		204	0.0	50.0	99.0	75.0	85.0
	CADRE	2 AS		4.0 oz/a	POST1	B		305	0.0	0.0	99.0	60.0	85.0
	COC			1.0 % v/v	POST1	B		406	0.0	0.0	99.0	65.0	95.0
								Mean =	12.5	12.5	99.0	71.3	90.0
6	SP1171	2 L		9.6 oz/a	PRE	A		106	65.0	0.0	99.0	85.0	99.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A		208	0.0	30.0	99.0	90.0	90.0
	CADRE	2 AS		4.0 oz/a	POST1	B		310	0.0	0.0	99.0	65.0	0.0
	COC			1.0 % v/v	POST1	B		412	50.0	75.0	99.0	90.0	95.0
								Mean =	28.8	26.3	99.0	82.5	71.0
7	DUAL MAGNUM	7.62 EC		16.0 oz/a	PRE	A		107	50.0	0.0	99.0	99.0	90.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A		211	0.0	60.0	99.0	95.0	85.0
	CADRE	2 AS		4.0 oz/a	POST1	B		302	0.0	40.0	99.0	90.0	90.0
	COC			1.0 % v/v	POST1	B		408	65.0	75.0	99.0	99.0	95.0
								Mean =	28.8	43.8	99.0	95.8	90.0
8	SP1171	2 L		9.6 oz/a	PRE	A		108	50.0	0.0	99.0	95.0	90.0
	VALOR SX	51 WG		1.5 oz/a	PRE	A		203	0.0	60.0	99.0	75.0	90.0
	CADRE	2 AS		4.0 oz/a	POST1	B		304	0.0	0.0	99.0	60.0	95.0
	COC			1.0 % v/v	POST1	B		402	0.0	0.0	99.0	60.0	0.0
	COBRA	2 EC		12.5 oz/a	POST2	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST2	C							
	COC			1.0 % v/v	POST2	C							
								Mean =	12.5	15.0	99.0	72.5	68.8
9	SP1171	2 L		9.6 oz/a	PRE	A		109	0.0	0.0	99.0	85.0	90.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A		202	0.0	0.0	99.0	65.0	90.0
	CADRE	2 AS		4.0 oz/a	POST1	B		301	0.0	0.0	99.0	65.0	85.0
	COC			1.0 % v/v	POST1	B		404	50.0	30.0	99.0	85.0	95.0
	COBRA	2 EC		12.5 oz/a	POST2	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST2	C							
	COC			1.0 % v/v	POST2	C							
								Mean =	12.5	7.5	99.0	75.0	90.0
10	DUAL MAGNUM	7.62 EC		16.0 oz/a	PRE	A		110	50.0	50.0	99.0	99.0	90.0
	VALOR SX	51 WG		3.0 oz/a	PRE	A		212	50.0	60.0	99.0	80.0	90.0
	CADRE	2 AS		4.0 oz/a	POST1	B		307	0.0	60.0	99.0	90.0	85.0
	COC			1.0 % v/v	POST1	B		411	50.0	60.0	99.0	99.0	95.0
	COBRA	2 EC		12.5 oz/a	POST2	C							
	2,4-DB	1.75 SL		16.0 oz/a	POST2	C							
	COC			1.0 % v/v	POST2	C							
								Mean =	37.5	57.5	99.0	92.0	90.0

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BRAKE FOR WEED CONTROL IN PEANUT

Trial ID: PE-18-15 Study Dir.: KYLE BRISCOE
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)
C = Crop is Part Rated