

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 3

Plots: 6 by 20 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3
1	NTC									-	101	206	308
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1472.8 mL	102	205	304
	VALOR SX	51	WG	3.0 oz/a	PRE	A	15	GPA	2.247 g/mx				
	CADRE	2	AS	4.0 oz/a	POST2	C	15	GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
3	ZIDUA	4.17	SC	2.45 oz/a	PRE	A	15	GPA	1.914 mL/mx	1495.8 mL	103	212	309
	VALOR SX	51	WG	3.0 oz/a	PRE	A	15	GPA	2.247 g/mx				
	CADRE	2	AS	4.0 oz/a	POST2	C	15	GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1462.5 mL	104	210	306
	BRAKE	1.2	L	16.0 oz/a	PRE	A	15	GPA	12.5 mL/mx				
	CADRE	2	AS	4.0 oz/a	POST2	C	15	GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
5	ZIDUA	4.17	SC	2.45 oz/a	PRE	A	15	GPA	1.914 mL/mx	1485.6 mL	105	201	305
	BRAKE	1.2	L	16.0 oz/a	PRE	A	15	GPA	12.5 mL/mx				
	CADRE	2	AS	4.0 oz/a	POST2	C	15	GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1472.8 mL	106	203	302
	VALOR SX	51	WG	3.0 oz/a	PRE	A	15	GPA	2.247 g/mx				
	COBRA	2	EC	12.5 oz/a	POST2	C	15	GAL/AC	9.765 mL/mx	1465.2 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1462.5 mL	107	209	311
	BRAKE	1.2	L	16.0 oz/a	PRE	A	15	GPA	12.5 mL/mx				
	COBRA	2	EC	12.5 oz/a	POST2	C	15	GAL/AC	9.765 mL/mx	1465.2 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
8	ZIDUA	4.17	SC	2.45 oz/a	PRE	A	15	GPA	1.914 mL/mx	1495.8 mL	108	202	312
	VALOR SX	51	WG	3.0 oz/a	PRE	A	15	GPA	2.247 g/mx				
	COBRA	2	EC	12.5 oz/a	POST2	C	15	GAL/AC	9.765 mL/mx	1465.2 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
9	ZIDUA	4.17	SC	2.45 oz/a	PRE	A	15	GPA	1.914 mL/mx	1485.6 mL	109	204	303
	BRAKE	1.2	L	16.0 oz/a	PRE	A	15	GPA	12.5 mL/mx				
	COBRA	2	EC	12.5 oz/a	POST2	C	15	GAL/AC	9.765 mL/mx	1465.2 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
10	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1475 mL	110	211	301
	GRAMOXONE	2	SL	12.0 oz/a	POST1	B	15	GPA	9.374 mL/mx				
	STORM	4	SL	16.0 oz/a	POST1	B	15	GPA	12.5 mL/mx	1465.6 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST1	B	15	GPA	12.5 mL/mx				
	CADRE	2	AS	4.0 oz/a	POST2	C	15	GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
11	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	15	GPA	25.0 mL/mx	1475 mL	111	208	307
	GRAMOXONE	2	SL	12.0 oz/a	POST1	B	15	GPA	9.374 mL/mx				
	STORM	4	SL	16.0 oz/a	POST1	B	15	GPA	12.5 mL/mx	1465.6 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST1	B	15	GPA	12.5 mL/mx				
	COBRA	2	EC	12.5 oz/a	POST2	C	15	GAL/AC	9.765 mL/mx	1465.2 mL			
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0 oz/a	POST2	C	15	GAL/AC	12.5 mL/mx				
12	NTC									-	112	207	310

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 20 feet
Mix Size: 1.5 L

Sort Order: Treatment

Trial Comments

ANNUAL GRASS = NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING TEXAS PANICUM, CRABGRASS, GOOSEGRASS, CROWFOOTGRASS, AND BROADLEAF SIGNALGRASS.

SUMMARY:

- 1) GENERALLY, WEED CONTROL TREATMENTS THAT INCLUDED PRE APPLICATIONS OF BRAKE WERE EQUIVALENT TO THOSE THAT INCLUDED PRE APPLICATIONS OF VALOR.
- 2) PRE APPLIED ZIDUA INCREASED EARLY SEASON PEANUT INJURY WHEN COMPARED TO SIMILAR TREATMENTS THAT INCLUDED PROWL (~+5% INJURY).

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 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: E **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 CROW/GOOSE/CRAB/PANICUM
Weed 3. DEDTO FLORIDA BEGGARWEED **4.** CYPSP YELLOW/PURPLE NUTSEDGE

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** May-7-19
Planting Method: MONOSEM **Rate:** 6 SEED/FT **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** DRY **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 20 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: RANCONA VPD SEED TRT; THIMET INFR 5 LBS/A;

Previous: Crops	Pesticides	Year
1. FALLOW	2018	_____

MAINTENANCE

Field Prep./Maintenance: _____

No.	Date	Treatment Name	Form	Form	Form	Rate	Unit
			Conc	Unit	Type	Rate	
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-8-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
2. May-9-19	_____	0.44	IN	RAINFALL	_____	_____
3. May-10-19	_____	0.06	IN	RAINFALL	_____	_____
4. May-11-19	_____	0.03	IN	RAINFALL	_____	_____
5. May-12-19	_____	0.16	IN	RAINFALL	_____	_____
6. May-15-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
7. May-20-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
8. May-23-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
9. May-30-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
10. Jun-4-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
11. Jul-2-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____

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

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		APPLICATION DESCRIPTION					
		A	B	C	D	E	F
Application Date:		May-7-19	May-17-19	Jun-3-19			
Time of Day:		4:00 PM	10:00 AM	8:50 AM			
Application Method:		BROADCAST	BROADCAST	BROADCAST			
Application Timing:		PRE	EPOST	POST			
Applic. Placement:		SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:		90 F	78 F	78 F			
% Relative Humidity:		28	58	73			
Wind Velocity, Unit:		3 MPH	2 MPH	0 MPH			
Dew Presence (Y/N):		N	N	N			
Water Hardness:		--	--	--			
Soil Temp., Unit:		89 F	76 F	79 F			
Soil Moisture:		DRY	OPTIMUM	DRY			
% Cloud Cover:		0	30	0			

		CROP STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Crop 1	Stage: ARAHY		V3-V4	R1			
	Stage Scale:		2"T;3-4"W	5-6"T;6-8			
	Height, Unit:						

		WEED STAGE AT EACH APPLICATION					
		A	B	C	D	E	F
Weed 1	Stage: AMAPA		0.5"T				
	Stage Scale:						
	Density, Unit:						
Weed 2	Stage: AGRASS		0.5"T	2-3"T			
	Stage Scale:						
	Density, Unit:						
Weed 3	Stage: DEDTO		0.5"T				
	Stage Scale:						
	Density, Unit:						
Weed 4	Stage: CYPSP		3-5"	6-12"			
	Stage Scale:						
	Density, Unit:						
Weed 5	Stage: _____		3-5"T	6-12"T			
	Stage Scale:						
	Density, Unit:						

		APPLICATION EQUIPMENT					
		A	B	C	D	E	F
Appl. Equipment:		BACKPACK	BACKPACK	SAME AS B			
Operating Pressure:		38	40				
Nozzle Type:		TTI	AIXR				
Nozzle Size:		11002	11002				
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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Weed Code	-----	AGRASS	DEDTO	CYPSP	AMAPA	AGRASS							
Crop Code	ARAHY	-----	-----	-----	-----	-----							
Part Rated													
Rating Data Type	Injury	Control	Control	Control	Control	Control							
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent							
Rating Date	May-17-19	May-17-19	May-17-19	May-17-19	May-31-19	May-31-19							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Stg	Appl Code	1	2	3	4	5	6
1	NTC							0.0 e	0.0 c	0.0 c	0.0 c	0.0 b	0.0 d
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 c	99.0 a	99.0 a	38.3 ab	99.0 a	97.7 ab
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
3	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	15.0 a	99.0 a	99.0 a	43.3 a	99.0 a	97.7 ab
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 c	99.0 a	99.0 a	23.3 ab	99.0 a	99.0 a
	BRAKE	1.2	L	16.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
5	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	13.3 ab	99.0 a	99.0 a	28.3 ab	99.0 a	99.0 a
	BRAKE	1.2	L	16.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	11.7 bc	99.0 a	99.0 a	33.3 ab	99.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 c	99.0 a	99.0 a	16.7 bc	99.0 a	99.0 a
	BRAKE	1.2	L	16.0	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
8	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	15.0 a	99.0 a	99.0 a	38.3 ab	99.0 a	96.3 bc
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
9	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	15.0 a	97.7 b	99.0 a	16.7 bc	99.0 a	94.7 c
	BRAKE	1.2	L	16.0	oz/a	PRE	A						
	COBRA	2	EC	12.5	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6.7 d	99.0 a	96.0 b	26.7 ab	99.0 a	99.0 a
	GRAMOXONE	2	SL	12.0	oz/a	POST1	B						
	STORM	4	SL	16.0	oz/a	POST1	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	B						
	CADRE	2	AS	4.0	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,8,10,13 because error mean square = 0.

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Location: ATTAPULGUS Investigator: Eric P. Prostko													
Weed Code	-----	AGRASS	DEDTO	CYPSP	AMAPA	AGRASS							
Crop Code	ARAHY	-----	-----	-----	-----	-----							
Part Rated													
Rating Data Type	Injury	Control	Control	Control	Control	Control							
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent							
Rating Date	May-17-19	May-17-19	May-17-19	May-17-19	May-31-19	May-31-19							
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	1	2	3	4	5	6
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	11.7 bc	99.0 a	99.0 a	20.0 bc	99.0 a	99.0 a
	GRAMOXONE	2	SL	12.0	oz/a	POST1	B						
	STORM	4	SL	16.0	oz/a	POST1	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	B						
	COBRA	2	EC	12.5	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
12	NTC							0.0 e	0.0 c	0.0 c	0.0 c	0.0 b	0.0 d
LSD	P=.10							2.97	0.93	2.10	22.66	.	2.44
Standard Deviation								2.12	0.67	1.50	16.16	0.00	1.74
CV								21.47	0.81	1.82	68.05	0.0	2.13
Grand Mean								9.86	82.39	82.25	23.75	82.50	81.69
Bartlett's X2								1.62	0.00	0.00	2.621	0.00	1.505
P(Bartlett's X2)								0.655	.	.	0.977	.	0.681

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date	----- ARAHY Leaf - Burn Percent Jun-12-19	AMAPA ----- Control Percent Jun-12-19	AGRASS ----- Control Percent Jun-12-19	AMAPA ----- Control Percent Jun-24-19	AGRASS ----- Control Percent Jun-24-19	Total Weed - Coverage Percent Jun-24-19						
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	7	8	9	10	11	12
1 NTC							0.0 d	0.0 b	0.0 c	0.0 b	0.0 d	100.0 a
2 PROWL H20 VALOR SX CADRE DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG AS EC SL	32.0 3.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	6.7 bc	99.0 a	97.7 a	99.0 a	99.0 a	51.7 ef
3 ZIDUA VALOR SX CADRE DUAL MAGNUM 2,4-DB	4.17 51 2 7.62 1.75	SC WG AS EC SL	2.45 3.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	5.0 c	99.0 a	95.0 b	99.0 a	99.0 a	51.7 ef
4 PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 1.75	SC L AS EC SL	32.0 16.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	10.0 b	99.0 a	99.0 a	99.0 a	99.0 a	63.3 de
5 ZIDUA BRAKE CADRE DUAL MAGNUM 2,4-DB	4.17 1.2 2 7.62 1.75	SC L AS EC SL	2.45 16.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	6.7 bc	99.0 a	99.0 a	99.0 a	99.0 a	65.0 de
6 PROWL H20 VALOR SX COBRA DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG EC EC SL	32.0 3.0 12.5 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	20.0 a	99.0 a	99.0 a	99.0 a	91.7 bc	76.7 bcd
7 PROWL H20 BRAKE COBRA DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 1.75	SC L EC EC SL	32.0 16.0 12.5 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	20.0 a	99.0 a	97.7 a	99.0 a	93.0 ab	86.7 abc
8 ZIDUA VALOR SX COBRA DUAL MAGNUM 2,4-DB	4.17 51 2 7.62 1.75	SC WG EC EC SL	2.45 3.0 12.5 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	20.0 a	99.0 a	94.7 b	99.0 a	86.3 c	70.0 cde
9 ZIDUA BRAKE COBRA DUAL MAGNUM 2,4-DB	4.17 1.2 2 7.62 1.75	SC L EC EC SL	2.45 16.0 12.5 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST2 POST2 POST2	A A C C C	16.7 a	99.0 a	99.0 a	99.0 a	86.7 c	91.7 ab
10 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 16.0	oz/a oz/a oz/a oz/a oz/a oz/a oz/a	PRE POST1 POST1 POST1 POST2 POST2 POST2	A B B B C C C	6.7 bc	99.0 a	99.0 a	99.0 a	99.0 a	41.7 f

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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 Could not calculate LSD (% mean diff) for columns 5,8,10,13 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH BRAKE													
Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE													
Location: ATTAPULGUS Investigator: Eric P. Prostko													
Weed Code	-----	AMAPA	AGRASS	AMAPA	AGRASS	Total							
Crop Code	ARAHY	-----	-----	-----	-----	-----							
Part Rated	Leaf -					Leaf -							
Rating Data Type	Burn	Control	Control	Control	Control	Weed -							
Rating Unit	Percent	Percent	Percent	Percent	Percent	Coverage							
Rating Date	Jun-12-19	Jun-12-19	Jun-12-19	Jun-24-19	Jun-24-19	Jun-24-19							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	7	8	9	10	11	12
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	18.3 a	99.0 a	99.0 a	99.0 a	99.0 a	43.3 f
	GRAMOXONE	2	SL	12.0	oz/a	POST1	B						
	STORM	4	SL	16.0	oz/a	POST1	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	B						
	COBRA	2	EC	12.5	oz/a	POST2	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
12	NTC							0.0 d	0.0 b	0.0 c	0.0 b	0.0 d	100.0 a
LSD	P=.10							3.91	.	2.21	.	6.28	19.50
Standard Deviation								2.79	0.00	1.58	0.00	4.48	13.91
CV								25.72	0.0	1.94	0.0	5.65	19.83
Grand Mean								10.83	82.50	81.58	82.50	79.31	70.14
Bartlett's X2								2.131	0.00	1.246	0.00	3.429	18.515
P(Bartlett's X2)								0.831	.	0.536	.	0.33	0.03*

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,8,10,13 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code						AMAPA	DEDTO	AGRASS	Total	
Crop Code						-----	-----	-----	Weed	
Part Rated									Cover -	
Rating Data Type						Control	Control	Control	Percent	
Rating Unit						Percent	Percent	Percent	Percent	
Rating Date						Jul-17-19	Jul-17-19	Jul-17-19	Jul-17-19	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg	Appl Code	13	14	15	16
1	NTC						0.0 b	0.0 c	0.0 e	100.0 a
2	PROWL H20	3.8	SC	32.0 oz/a	PRE A	A	99.0 a	97.7 b	97.7 a	16.7 de
	VALOR SX	51	WG	3.0 oz/a	PRE A	A				
	CADRE	2	AS	4.0 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
3	ZIDUA	4.17	SC	2.45 oz/a	PRE A	A	99.0 a	99.0 a	97.7 a	18.3 de
	VALOR SX	51	WG	3.0 oz/a	PRE A	A				
	CADRE	2	AS	4.0 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
4	PROWL H20	3.8	SC	32.0 oz/a	PRE A	A	99.0 a	99.0 a	94.7 a	28.3 d
	BRAKE	1.2	L	16.0 oz/a	PRE A	A				
	CADRE	2	AS	4.0 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
5	ZIDUA	4.17	SC	2.45 oz/a	PRE A	A	99.0 a	99.0 a	96.3 a	30.0 d
	BRAKE	1.2	L	16.0 oz/a	PRE A	A				
	CADRE	2	AS	4.0 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
6	PROWL H20	3.8	SC	32.0 oz/a	PRE A	A	99.0 a	99.0 a	83.3 cd	85.0 b
	VALOR SX	51	WG	3.0 oz/a	PRE A	A				
	COBRA	2	EC	12.5 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
7	PROWL H20	3.8	SC	32.0 oz/a	PRE A	A	99.0 a	99.0 a	85.0 bc	85.0 b
	BRAKE	1.2	L	16.0 oz/a	PRE A	A				
	COBRA	2	EC	12.5 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
8	ZIDUA	4.17	SC	2.45 oz/a	PRE A	A	99.0 a	99.0 a	75.0 d	81.7 b
	VALOR SX	51	WG	3.0 oz/a	PRE A	A				
	COBRA	2	EC	12.5 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
9	ZIDUA	4.17	SC	2.45 oz/a	PRE A	A	99.0 a	99.0 a	75.0 d	86.7 ab
	BRAKE	1.2	L	16.0 oz/a	PRE A	A				
	COBRA	2	EC	12.5 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				
10	PROWL H20	3.8	SC	32.0 oz/a	PRE A	A	99.0 a	99.0 a	97.7 a	13.3 e
	GRAMOXONE	2	SL	12.0 oz/a	POST1 B	B				
	STORM	4	SL	16.0 oz/a	POST1 B	B				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST1 B	B				
	CADRE	2	AS	4.0 oz/a	POST2 C	C				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST2 C	C				
	2,4-DB	1.75	SL	16.0 oz/a	POST2 C	C				

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Could not calculate LSD (% mean diff) for columns 5,8,10,13 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code	AMAPA	DEDTO	AGRASS	Total Weed Cover -
Crop Code	-----	-----	-----	
Part Rated				
Rating Data Type	Control	Control	Control	Percent
Rating Unit	Percent	Percent	Percent	Percent
Rating Date	Jul-17-19	Jul-17-19	Jul-17-19	Jul-17-19
Trt Treatment				
No. Name	13	14	15	16
Form Form				
Conc Type				
Rate Rate				
Unit Unit				
Stg Stg				
Appl Code				
11 PROWL H20	99.0 a	99.0 a	93.3 ab	48.3 c
GRAMOXONE				
STORM				
DUAL MAGNUM				
COBRA				
DUAL MAGNUM				
2,4-DB				
12 NTC	0.0 b	0.0 c	0.0 e	100.0 a
LSD P=.10	.	0.93	9.57	14.21
Standard Deviation	0.00	0.67	6.82	10.14
CV	0.0	0.81	9.14	17.55
Grand Mean	82.50	82.39	74.64	57.78
Bartlett's X2	0.00	0.00	16.254	6.735
P(Bartlett's X2)	.	.	0.062	0.457

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Could not calculate LSD (% mean diff) for columns 5,8,10,13 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For ----- ARAHY Injury Percent May-17-19 (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	1024.305556			
Replicate	2	18.055556	9.027778	2.014	0.1573
Treatment	11	907.638889	82.512626	18.408	0.0001
Error	22	98.611111	4.482323		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-17-19 (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	48888.555556			
Replicate	2	0.888889	0.444444	1.000	0.3840
Treatment	11	48877.888889	4443.444444	9997.751	0.0001
Error	22	9.777778	0.444444		

Randomized Complete Block (RCB) AOV For DEDTO ----- Control Percent May-17-19 (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	48786.750000			
Replicate	2	4.500000	2.250000	1.000	0.3840
Treatment	11	48732.750000	4430.250000	1969.000	0.0001
Error	22	49.500000	2.250000		

Randomized Complete Block (RCB) AOV For CYPSP ----- Control Percent May-17-19 (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	23418.750000			
Replicate	2	11154.166667	5577.083333	21.354	0.0001
Treatment	11	6518.750000	592.613636	2.269	0.0491
Error	22	5745.833333	261.174242		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-31-19 (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	49005.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	49005.000000	4455.000000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-31-19 (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	48185.638889			
Replicate	2	6.055556	3.027778	1.000	0.3840
Treatment	11	48112.972222	4373.906566	1444.593	0.0001
Error	22	66.611111	3.027778		

Randomized Complete Block (RCB) AOV For ----- ARAHY Leaf Burn Percent Jun-12-19 (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	2175.000000			
Replicate	2	12.500000	6.250000	0.805	0.4599
Treatment	11	1991.666667	181.060606	23.317	0.0001
Error	22	170.833333	7.765152		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-12-19 (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	49005.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	49005.000000	4455.000000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jun-12-19 (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	48062.750000			
Replicate	2	7.166667	3.583333	1.438	0.2589
Treatment	11	48000.750000	4363.704545	1750.787	0.0001
Error	22	54.833333	2.492424		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-24-19 (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	49005.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	49005.000000	4455.000000	0.000	1.0000
Error	22	0.000000	0.000000		

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jun-24-19 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	46527.638889				
Replicate	2	36.722222	18.361111	0.915	0.4151	
Treatment	11	46049.638889	4186.330808	208.710	0.0001	
Error	22	441.277778	20.058081			

Randomized Complete Block (RCB) AOV For Total Weed Coverage Percent Jun-24-19 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	20324.305556				
Replicate	2	1526.388889	763.194444	3.944	0.0344	
Treatment	11	14540.972222	1321.906566	6.832	0.0001	
Error	22	4256.944444	193.497475			

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jul-17-19 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	49005.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	49005.000000	4455.000000	0.000	1.0000	
Error	22	0.000000	0.000000			

Randomized Complete Block (RCB) AOV For DEDTO ----- Control Percent Jul-17-19 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	48888.555556				
Replicate	2	0.888889	0.444444	1.000	0.3840	
Treatment	11	48877.888889	4443.444444	9997.751	0.0001	
Error	22	9.777778	0.444444			

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jul-17-19 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	43478.305556				
Replicate	2	42.722222	21.361111	0.459	0.6379	
Treatment	11	42411.638889	3855.603535	82.840	0.0001	
Error	22	1023.944444	46.542929			

Randomized Complete Block (RCB) AOV For Total Weed Cover Percent Jul-17-19 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	43072.222222				
Replicate	2	605.555556	302.777778	2.946	0.0735	
Treatment	11	40205.555556	3655.050505	35.563	0.0001	
Error	22	2261.111111	102.777778			

Weed Code
 DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.
 AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
Part Rated
 Leaf = LEAF / FOLIAGE

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date										
							----- ARAHY	AGRASS -----	DEDTO -----	CYPSP -----	AMAPA -----				
							Injury Percent May-17-19	Control Percent May-17-19	Control Percent May-17-19	Control Percent May-17-19	Control Peecent May-31-19				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	1	2	3	4	5		
1	NTC							101	0.0	0.0	0.0	0.0	0.0		
								206	0.0	0.0	0.0	0.0	0.0		
								308	0.0	0.0	0.0	0.0	0.0		
								Mean =	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	75.0	99.0		
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	10.0	99.0	99.0	40.0	99.0		
	CADRE	2	AS	4.0	oz/a	POST2	C	304	10.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	10.0	99.0	99.0	38.3	99.0		
3	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	103	15.0	99.0	99.0	65.0	99.0		
	VALOR SX	51	WG	3.0	oz/a	PRE	A	212	15.0	99.0	99.0	65.0	99.0		
	CADRE	2	AS	4.0	oz/a	POST2	C	309	15.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	15.0	99.0	99.0	43.3	99.0		
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	10.0	99.0	99.0	50.0	99.0		
	BRAKE	1.2	L	16.0	oz/a	PRE	A	210	10.0	99.0	99.0	20.0	99.0		
	CADRE	2	AS	4.0	oz/a	POST2	C	306	10.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	10.0	99.0	99.0	23.3	99.0		
5	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	105	15.0	99.0	99.0	65.0	99.0		
	BRAKE	1.2	L	16.0	oz/a	PRE	A	201	10.0	99.0	99.0	20.0	99.0		
	CADRE	2	AS	4.0	oz/a	POST2	C	305	15.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	13.3	99.0	99.0	28.3	99.0		
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	15.0	99.0	99.0	50.0	99.0		
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	10.0	99.0	99.0	50.0	99.0		
	COBRA	2	EC	12.5	oz/a	POST2	C	302	10.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	11.7	99.0	99.0	33.3	99.0		
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	10.0	99.0	99.0	50.0	99.0		
	BRAKE	1.2	L	16.0	oz/a	PRE	A	209	10.0	99.0	99.0	0.0	99.0		
	COBRA	2	EC	12.5	oz/a	POST2	C	311	10.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	10.0	99.0	99.0	16.7	99.0		
8	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	108	15.0	99.0	99.0	50.0	99.0		
	VALOR SX	51	WG	3.0	oz/a	PRE	A	202	15.0	99.0	99.0	65.0	99.0		
	COBRA	2	EC	12.5	oz/a	POST2	C	312	15.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	15.0	99.0	99.0	38.3	99.0		
9	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	109	15.0	95.0	99.0	30.0	99.0		
	BRAKE	1.2	L	16.0	oz/a	PRE	A	204	15.0	99.0	99.0	20.0	99.0		
	COBRA	2	EC	12.5	oz/a	POST2	C	303	15.0	99.0	99.0	0.0	99.0		
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C								
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C								
								Mean =	15.0	97.7	99.0	16.7	99.0		

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code		AGRASS	DEDTO	CYPSP	AMAPA
Crop Code	-----	-----	-----	-----	-----
Part Rated	-----	-----	-----	-----	-----
Rating Data Type	Injury	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent
Rating Date	May-17-19	May-17-19	May-17-19	May-17-19	May-31-19
Trt Treatment	Form Form	Rate Grow	Appl		
No. Name	Conc Type	Rate Unit Stg	Code Plot	1	2
10 PROWL H20	3.8 SC	32.0 oz/a PRE	A 110	10.0	99.0
GRAMOXONE	2 SL	12.0 oz/a POST1	B 211	10.0	99.0
STORM	4 SL	16.0 oz/a POST1	B 301	0.0	99.0
DUAL MAGNUM	7.62 EC	16.0 oz/a POST1	B		
CADRE	2 AS	4.0 oz/a POST2	C		
DUAL MAGNUM	7.62 EC	16.0 oz/a POST2	C		
2,4-DB	1.75 SL	16.0 oz/a POST2	C		
		Mean =		6.7	99.0
11 PROWL H20	3.8 SC	32.0 oz/a PRE	A 111	15.0	99.0
GRAMOXONE	2 SL	12.0 oz/a POST1	B 208	10.0	99.0
STORM	4 SL	16.0 oz/a POST1	B 307	10.0	99.0
DUAL MAGNUM	7.62 EC	16.0 oz/a POST1	B		
COBRA	2 EC	12.5 oz/a POST2	C		
DUAL MAGNUM	7.62 EC	16.0 oz/a POST2	C		
2,4-DB	1.75 SL	16.0 oz/a POST2	C		
		Mean =		11.7	99.0
12 NTC			112	0.0	0.0
			207	0.0	0.0
			310	0.0	0.0
		Mean =		0.0	0.0

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WEED CONTROL IN PEANUT WITH BRAKE							AGRASS	-----	AMAPA	AGRASS	AMAPA	AGRASS
Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE							-----	ARAHY	-----	-----	-----	-----
Location: ATTAPULGUS Investigator: Eric P. Prostko							Control	Leaf -	Control	Control	Control	Control
Weed Code							Percent	Burn	Percent	Percent	Percent	Percent
Crop Code							May-31-19	Jun-12-19	Jun-12-19	Jun-12-19	Jun-24-19	Jun-24-19
Part Rated												
Rating Data Type												
Rating Unit												
Rating Date												
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	6	7	8	9	10	11
1	NTC						0.0	0.0	0.0	0.0	0.0	0.0
						101	0.0	0.0	0.0	0.0	0.0	0.0
						206	0.0	0.0	0.0	0.0	0.0	0.0
						308	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	95.0	5.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE A	99.0	5.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2 C	99.0	10.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	97.7	6.7	99.0	97.7	99.0	99.0
3	ZIDUA	4.17	SC	2.45	oz/a	PRE A	95.0	5.0	99.0	95.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE A	99.0	0.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2 C	99.0	10.0	99.0	95.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	97.7	5.0	99.0	95.0	99.0	99.0
4	PROWL H20	3.8	SC	32.0	oz/a	PRE A	99.0	10.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	L	16.0	oz/a	PRE A	99.0	10.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2 C	99.0	10.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	99.0	10.0	99.0	99.0	99.0	99.0
5	ZIDUA	4.17	SC	2.45	oz/a	PRE A	99.0	10.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	L	16.0	oz/a	PRE A	99.0	5.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST2 C	99.0	5.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	99.0	6.7	99.0	99.0	99.0	99.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE A	99.0	20.0	99.0	99.0	99.0	95.0
	VALOR SX	51	WG	3.0	oz/a	PRE A	99.0	20.0	99.0	99.0	99.0	85.0
	COBRA	2	EC	12.5	oz/a	POST2 C	99.0	20.0	99.0	99.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	99.0	20.0	99.0	99.0	99.0	91.7
7	PROWL H20	3.8	SC	32.0	oz/a	PRE A	99.0	20.0	99.0	99.0	99.0	95.0
	BRAKE	1.2	L	16.0	oz/a	PRE A	99.0	20.0	99.0	99.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST2 C	99.0	20.0	99.0	95.0	99.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	99.0	20.0	99.0	97.7	99.0	93.0
8	ZIDUA	4.17	SC	2.45	oz/a	PRE A	95.0	20.0	99.0	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE A	99.0	20.0	99.0	95.0	99.0	85.0
	COBRA	2	EC	12.5	oz/a	POST2 C	95.0	20.0	99.0	90.0	99.0	75.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	96.3	20.0	99.0	94.7	99.0	86.3
9	ZIDUA	4.17	SC	2.45	oz/a	PRE A	95.0	20.0	99.0	99.0	99.0	85.0
	BRAKE	1.2	L	16.0	oz/a	PRE A	90.0	15.0	99.0	99.0	99.0	85.0
	COBRA	2	EC	12.5	oz/a	POST2 C	99.0	15.0	99.0	99.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2 C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2 C						
						Mean =	94.7	16.7	99.0	99.0	99.0	86.7

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WEED CONTROL IN PEANUT WITH BRAKE							AGRASS	-----	AMAPA	AGRASS	AMAPA	AGRASS		
Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE							-----	ARAHY	-----	-----	-----	-----	-----	
Location: ATTAPULGUS Investigator: Eric P. Prostko							Control	Leaf -	Control	Control	Control	Control	Control	
Weed Code							Percent	Burn	Percent	Percent	Percent	Percent	Percent	
Crop Code							May-31-19	Jun-12-19	Jun-12-19	Jun-12-19	Jun-24-19	Jun-24-19	Jun-24-19	
Part Rated														
Rating Data Type														
Rating Unit														
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Plot	6	7	8	9	10	11
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	99.0	10.0	99.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	POST1	B	211	99.0	10.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	POST1	B	301	99.0	0.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	B							
	CADRE	2	AS	4.0	oz/a	POST2	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C							
								Mean =	99.0	6.7	99.0	99.0	99.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	99.0	20.0	99.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	POST1	B	208	99.0	20.0	99.0	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	POST1	B	307	99.0	15.0	99.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST1	B							
	COBRA	2	EC	12.5	oz/a	POST2	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C							
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C							
								Mean =	99.0	18.3	99.0	99.0	99.0	99.0
12	NTC							112	0.0	0.0	0.0	0.0	0.0	0.0
								207	0.0	0.0	0.0	0.0	0.0	0.0
								310	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

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code						Total	AMAPA	DEDTO	AGRASS	Total			
Crop Code						Weed -	-----	-----	-----	Weed			
Part Rated						Coverage	Control	Control	Control	Cover -			
Rating Data Type						Percent	Percent	Percent	Percent	Percent			
Rating Unit						Jun-24-19	Jul-17-19	Jul-17-19	Jul-17-19	Jul-17-19			
Rating Date													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot					
									12	13			
									14	15			
									16				
1	NTC							101	100.0	0.0	0.0	0.0	100.0
								206	100.0	0.0	0.0	0.0	100.0
								308	100.0	0.0	0.0	0.0	100.0
								Mean =	100.0	0.0	0.0	0.0	100.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	40.0	99.0	95.0	99.0	5.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	50.0	99.0	99.0	99.0	5.0
	CADRE	2	AS	4.0	oz/a	POST2	C	304	65.0	99.0	99.0	95.0	40.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	51.7	99.0	97.7	97.7	16.7
3	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	103	50.0	99.0	99.0	99.0	15.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	212	45.0	99.0	99.0	99.0	10.0
	CADRE	2	AS	4.0	oz/a	POST2	C	309	60.0	99.0	99.0	95.0	30.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	51.7	99.0	99.0	97.7	18.3
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	60.0	99.0	99.0	99.0	15.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	210	65.0	99.0	99.0	95.0	30.0
	CADRE	2	AS	4.0	oz/a	POST2	C	306	65.0	99.0	99.0	90.0	40.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	63.3	99.0	99.0	94.7	28.3
5	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	105	30.0	99.0	99.0	99.0	10.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	201	90.0	99.0	99.0	95.0	40.0
	CADRE	2	AS	4.0	oz/a	POST2	C	305	75.0	99.0	99.0	95.0	40.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	65.0	99.0	99.0	96.3	30.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	70.0	99.0	99.0	75.0	85.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	203	65.0	99.0	99.0	85.0	85.0
	COBRA	2	EC	12.5	oz/a	POST2	C	302	95.0	99.0	99.0	90.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	76.7	99.0	99.0	83.3	85.0
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	80.0	99.0	99.0	85.0	85.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	209	95.0	99.0	99.0	95.0	85.0
	COBRA	2	EC	12.5	oz/a	POST2	C	311	85.0	99.0	99.0	75.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	86.7	99.0	99.0	85.0	85.0
8	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	108	75.0	99.0	99.0	85.0	85.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	202	75.0	99.0	99.0	75.0	85.0
	COBRA	2	EC	12.5	oz/a	POST2	C	312	60.0	99.0	99.0	65.0	75.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	70.0	99.0	99.0	75.0	81.7
9	ZIDUA	4.17	SC	2.45	oz/a	PRE	A	109	90.0	99.0	99.0	60.0	85.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	204	90.0	99.0	99.0	75.0	90.0
	COBRA	2	EC	12.5	oz/a	POST2	C	303	95.0	99.0	99.0	90.0	85.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST2	C						
	2,4-DB	1.75	SL	16.0	oz/a	POST2	C						
								Mean =	91.7	99.0	99.0	75.0	86.7

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code	Total	AMAPA	DEDTO	AGRASS	Total Weed Cover -
Crop Code		----	----	----	
Part Rated	Weed -				Cover -
Rating Data Type	Coverage	Control	Control	Control	Percent
Rating Unit	Percent	Percent	Percent	Percent	
Rating Date	Jun-24-19	Jul-17-19	Jul-17-19	Jul-17-19	Jul-17-19
Trt Treatment					
No. Name	12	13	14	15	16
Form Form					
Rate Rate					
Grow Unit					
Stg Stg					
Appl Code					
Plot Plot					
10 PROWL H20	15.0	99.0	99.0	99.0	5.0
GRAMOXONE	30.0	99.0	99.0	99.0	5.0
STORM	80.0	99.0	99.0	95.0	30.0
DUAL MAGNUM					
CADRE					
DUAL MAGNUM					
2,4-DB					
Mean =	41.7	99.0	99.0	97.7	13.3
11 PROWL H20	30.0	99.0	99.0	95.0	40.0
GRAMOXONE	50.0	99.0	99.0	95.0	65.0
STORM	50.0	99.0	99.0	90.0	40.0
DUAL MAGNUM					
COBRA					
DUAL MAGNUM					
2,4-DB					
Mean =	43.3	99.0	99.0	93.3	48.3
12 NTC	100.0	0.0	0.0	0.0	100.0
	100.0	0.0	0.0	0.0	100.0
	100.0	0.0	0.0	0.0	100.0
Mean =	100.0	0.0	0.0	0.0	100.0

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WEED CONTROL IN PEANUT WITH BRAKE

Trial ID: PE-14-19 Study Dir.: KYLE BRISCOE
Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code

DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

Leaf = LEAF / FOLIAGE