

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3

Plots: 6 by 25 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
1	NTC									-	101	206	313
2	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1472.5 mL	102	208	301
	VALOR EZ	4	SC	3.0 oz/a		PRE	A	15 GPA	2.343 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
3	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1465.6 mL	103	211	304
	BRAKE	1.2	SL	12.0 oz/a		PRE	A	15 GPA	9.374 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
4	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1464.1 mL	104	214	303
	BRAKE	1.2	SL	14.0 oz/a		PRE	A	15 GPA	10.94 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
5	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1462.5 mL	105	209	306
	BRAKE	1.2	SL	16.0 oz/a		PRE	A	15 GPA	12.5 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
6	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1456.3 mL	106	203	310
	BRAKE	1.2	SL	24.0 oz/a		PRE	A	15 GPA	18.75 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
7	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1453.1 mL	107	213	309
	BRAKE	1.2	SL	28.0 oz/a		PRE	A	15 GPA	21.87 mL/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
8	PROWL H2O	3.8	SC	32.0 oz/a		PRE	A	15 GPA	25.0 mL/mx	1465.5 mL	108	201	312
	BRAKE	1.2	SL	12.0 oz/a		PRE	A	15 GPA	9.374 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
9	DUAL MAGNUM	7.62	SC	16.0 oz/a		PRE	A	15 GPA	12.5 mL/mx	1478.0 mL	109	212	314
	BRAKE	1.2	SL	12.0 oz/a		PRE	A	15 GPA	9.374 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1471.9 mL			
	DUAL MAGNUM	7.62	EC	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
10	WARRANT	3	ME	48.0 oz/a		PRE	A	15 GPA	37.5 mL/mx	1453.0 mL	110	202	308
	BRAKE	1.2	SL	12.0 oz/a		PRE	A	15 GPA	9.374 mL/mx				
	STRONGARM	84	WG	0.225 oz/a		PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0 oz/a		POST	B	15 GAL/AC	3.125 mL/mx	1443.1 mL			
	WARRANT	3	ME	48.0 oz/a		POST	B	15 GAL/AC	37.5 mL/mx				
	2,4-DB	2	SL	16.0 oz/a		POST	B	15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25 % v/v		POST	B	15 GAL/AC	3.75 mL/mx				

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YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3

Plots: 6 by 25 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
11	OUTLOOK	6	EC	10.5	oz/a	PRE	A	15 GPA	8.202 mL/mx	1482.3 mL	111	204	302
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	15 GPA	9.374 mL/mx				
	STRONGARM	84	WG	0.225	oz/a	PRE	A	15 GPA	0.1685 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	B	15 GAL/AC	3.125 mL/mx				
	OUTLOOK	6	EC	10.5	oz/a	POST	B	15 GAL/AC	8.202 mL/mx				
12	2,4-DB	2	SL	16.0	oz/a	POST	B	15 GAL/AC	12.5 mL/mx	1476.2 mL			
	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx				
	BRAKE	1.2	SL	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	B	15 GAL/AC	3.125 mL/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	15 GAL/AC	12.5 mL/mx				
13	2,4-DB	2	SL	16.0	oz/a	POST	B	15 GAL/AC	12.5 mL/mx	1450 mL	112	205	307
	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx				
	BRAKE	1.2	SL	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx				
	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	15 GPA	0.8046 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	B	15 GAL/AC	3.125 mL/mx				
14	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B	15 GAL/AC	12.5 mL/mx	1464.8 mL	113	207	305
	2,4-DB	2	SL	16.0	oz/a	POST	B	15 GAL/AC	12.5 mL/mx				
	NTC												

Sort Order: Treatment

Trial Comments

2,4-DB = BUTYRAC 200 (ALBAUGH)

DIGGING DATE: 09/15/22 (142 DAYS)

HARVEST DATE: 09/19/22

HARVEST MOISTURE: 15.7%

YIELDS ADJUSTED TO 10% MOISTURE.

2% YIELD DEDUCTION FOR FM (ROCK, STEMS, ETC.)

SUMMARY:

1) PRE APPLICATIONS OF BRAKE CAUSED EARLY-SEASON PEANUT STUNTING AND BLEACHING.

2) ON MAY 11 (14 DAP), BRAKE @ 12 OZ/A AND 14 OZ/A PROVIDED LESS CONTROL OF WILD RADISH THAN HIGHER RATES WHEN APPLIED ALONE. CONTROL OF WILD RADISH WAS IMPROVED AT HIGHER RATES OR WHEN APPLIED IN COMBINATION WITH STRONGARM OR VULCARUS.

3) ON AUGUST 4 (99 DAP), ALL TREATMENTS PROVIDED AT LEAST 91% CONTROL OF PALMER AMARANTH AND ANNUAL GRASSES.

4) ALL TREATMENTS RESULTED IN GREATER YIELDS THAN THE NTC. GENERALLY, THERE WERE NO DIFFERENCES IN YIELD BETWEEN TREATMENTS EXCEPT FOR WHEN BRAKE WAS APPLIED AT 32 OZ/A. YIELDS WERE REDUCED WITH THIS TREATMENT.

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YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KYLE BRISCOE/CHAD ABBOTT **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 CRAB/TX PAN/CROW/GOOSE
Weed 3: RAPRA WILD RADISH **4.** _____

Crop 1: ARAHY PEANUT **Variety:** GA-16HO **Planting Date:** Apr-27-22
Planting Method: MONOSEM TWIN ROW **Rate:** 3.1 SEED/FT **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3

Site Type:

Tillage Type: CONVENTIONAL **Study Design:** RACOB

Trial Initiation Comments: 300 LB/A 5-15-30 PREPLANT; RANCONA VPD SEED TRT;
 THIMET INFR @ 5 LBS/A; 36"-9" TWIN ROWS; 1000 LBS/A GYPSUM

Previous: Crops **Pesticides** **Year**
 1. FIELD CORN _____ 2021

MAINTENANCE

Field Prep./Maintenance:

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.61 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 2.6 **Soil Name:** DOTHAN **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Apr-28-22		0.65	IN	SPRINKLER - LATERAL MOVE		
2. May-2-22		0.5	IN	SPRINKLER - LATERAL MOVE		
3. May-3-22		0.3	IN	SPRINKLER - LATERAL MOVE		
4. May-6-22		0.45	IN	RAINFALL		
5. May-10-22		0.38	IN	SPRINKLER - LATERAL MOVE		
6. May-17-22		0.5	IN	SPRINKLER - LATERAL MOVE		
7. May-24-22		1.8	IN	RAINFALL		
8. Jun-1-22		0.5	IN	SPRINKLER - LATERAL MOVE		
9. Jun-3-22		0.5	IN	SPRINKLER - LATERAL MOVE		
10. Jun-7-22		0.5	IN	SPRINKLER - LATERAL MOVE		

Overall Moisture Conditions:

Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

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Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	Apr-28-22	May-24-22				
Time of Day:	8:00 AM	11:15 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	POST				
Applic. Placement:	SOIL	FOLIAGE				
Air Temp., Unit:	60 F	81 F				
% Relative Humidity:	88	69				
Wind Velocity, Unit:	1 MPH	4 MPH				
Dew Presence (Y/N):	N	N				
Water Hardness:	----	---				
Soil Temp., Unit:	66 F	80 F				
Soil Moisture:	OPTIMUM	DRY				
% Cloud Cover:	0	85				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage: ARAHY		4" WIDE				
Stage Scale:		V6-V7				
Height, Unit:		3 IN				

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage: AMAPA		1-6"				
Stage Scale:						
Density, Unit:						
Weed 2 Stage: AGRASS		2-4"				
Stage Scale:						
Density, Unit:						
Weed 3 Stage: RAPRA		1-4"				
Stage Scale:						
Density, Unit:						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	SAME AS A				
Operating Pressure:	36					
Nozzle Type:	AIXR					
Nozzle Size:	11002					
Nozzle Spacing, Unit:	20	IN				
Nozzles/Row:						
Band Width, Unit:						
Boom Length, Unit:	60	IN				
Boom Height, Unit:	20	IN				
Ground Speed, Unit:	3.5	MPH				
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	WATER					
Spray Volume, Unit:	15	GPA				
Spray pH:						
Propellant:	CO2					
Tank Mix (Y/N):	-	-	-	-	-	-

Trt No Treatment Application Comment

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WEED CONTROL IN PEANUT WITH BRAKE YEAR 3													
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Arahy Stunting % May-11-22	Arahy Bleachin % May-11-22	Amapa Control % May-11-22	Rapra Control % May-11-22	Agrass Control % May-11-22	Arahy Plant, - Bleachin % May-18-22	
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6	
No.	Name	Conc	Type	Rate	Unit	Stg	Code						
1	NTC							0.0 e	0.0 e	0.0 c	0.0 d	0.0 i	
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	25.0 a	0.0 e	99.0 a	99.0 a	97.7 ab	0.0 i
	VALOR EZ	4	SC	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 d	6.7 d	99.0 a	63.3 c	95.0 bc	5.0 gh
	BRAKE	1.2	SL	12.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 d	10.0 c	99.0 a	85.0 b	99.0 a	6.7 fg
	BRAKE	1.2	SL	14.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 d	11.7 c	99.0 a	94.7 a	97.7 ab	15.0 d
	BRAKE	1.2	SL	16.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	16.7 bc	23.3 b	97.7 b	93.0 a	97.7 ab	20.0 c
	BRAKE	1.2	SL	24.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	20.0 abc	28.3 a	99.0 a	99.0 a	97.7 ab	31.7 a
	BRAKE	1.2	SL	28.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15.0 cd	5.0 d	99.0 a	96.3 a	96.3 abc	6.7 fg
	BRAKE	1.2	SL	12.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
9	DUAL MAGNUM	7.62	SC	16.0	oz/a	PRE	A	15.0 cd	10.0 c	99.0 a	99.0 a	97.7 ab	11.7 de
	BRAKE	1.2	SL	12.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

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Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Arahy Stunting %	Arahy Bleachin %	Amapa Control %	Rapra Control %	Agrass Control %	Arahy Plant, - Bleachin %
							May-11-22	May-11-22	May-11-22	May-11-22	May-11-22	May-18-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	1	2	3	4	5	6
10	WARRANT BRAKE STRONGARM CADRE WARRANT 2,4-DB INDUCE	3 ME 1.2 SL 84 WG 2 AS 3 ME 2 SL		48.0 oz/a 12.0 oz/a 0.225 oz/a 4.0 oz/a 48.0 oz/a 16.0 oz/a 0.25 % v/v	PRE PRE PRE POST POST POST POST	A A A B B B B	15.0 cd	11.7 c	99.0 a	96.0 a	94.7 c	10.0 ef
11	OUTLOOK BRAKE STRONGARM CADRE OUTLOOK 2,4-DB	6 EC 1.2 SL 84 WG 2 AS 6 EC 2 SL		10.5 oz/a 12.0 oz/a 0.225 oz/a 4.0 oz/a 10.5 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A B B B	16.7 bc	11.7 c	99.0 a	99.0 a	96.3 abc	8.3 efg
12	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 SC 1.2 SL 2 AS 7.62 EC 2 SL		32.0 oz/a 32.0 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A B B B	21.7 ab	28.3 a	99.0 a	96.3 a	97.7 ab	26.7 b
13	PROWL H20 BRAKE TRIFLUDIMOXAZIN CADRE DUAL MAGNUM 2,4-DB	3.8 SC 1.2 SL 4.17 SC 2 AS 7.62 EC 2 SL		32.0 oz/a 12.0 oz/a 1.03 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A B B B	15.0 cd	5.0 d	99.0 a	94.7 a	99.0 a	1.7 hi
14	NTC						0.0 e	0.0 e	0.0 c	0.0 d	0.0 d	0.0 i
LSD P=.10							6.17	2.84	0.86	6.46	2.86	4.01
Standard Deviation							4.43	2.04	0.62	4.64	2.06	2.88
CV							32.66	18.84	0.73	5.83	2.47	28.12
Grand Mean							13.57	10.83	84.76	79.67	83.31	10.24
Bartlett's X2^							10.426	22.937	52.232	41.407	13.557	47.826
P(Bartlett's X2)							0.659	0.042*	0.00*	0.00*	0.406	0.00*

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

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Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Amapa Control % May-18-22	Rapra Control % May-18-22	Agrass Control % May-18-22	Arahy Leaf, - Bleachin % Jun-2-22	Amapa Control % Jun-2-22	Rapra Control % Jun-2-22	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	NTC							0.0 c	0.0 d	0.0 d	0.0 c	0.0 d	0.0 c
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	94.3 ab	1.7 c	99.0 a	99.0 a
	VALOR EZ	4	SC	3.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	94.7 ab	65.0 c	85.0 bc	1.7 c	95.0 c	95.0 b
	BRAKE	1.2	SL	12.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
		2,4-DB	2	SL	16.0	oz/a	POST						
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	96.3 ab	68.3 c	89.7 abc	0.0 c	97.7 ab	96.3 b
	BRAKE	1.2	SL	14.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
		2,4-DB	2	SL	16.0	oz/a	POST						
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	97.7 a	81.7 b	86.3 bc	3.3 bc	96.3 bc	96.3 b
	BRAKE	1.2	SL	16.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
		2,4-DB	2	SL	16.0	oz/a	POST						
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	92.7 b	85.0 b	86.7 bc	10.0 a	96.3 bc	99.0 a
	BRAKE	1.2	SL	24.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
		2,4-DB	2	SL	16.0	oz/a	POST						
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	96.0 ab	89.3 ab	89.7 abc	10.0 a	97.7 ab	99.0 a
	BRAKE	1.2	SL	28.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
		2,4-DB	2	SL	16.0	oz/a	POST						
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	93.0 abc	1.7 c	99.0 a	99.0 a
	BRAKE	1.2	SL	12.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						
9	DUAL MAGNUM	7.62	SC	16.0	oz/a	PRE	A	99.0 a	99.0 a	90.0 abc	1.7 c	99.0 a	99.0 a
	BRAKE	1.2	SL	12.0	oz/a	PRE	A						
	STRONGARM	84	WG	0.225	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B						
	2,4-DB	2	SL	16.0	oz/a	POST	B						

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 3												
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Amapa Control % May-18-22	Rapra Control % May-18-22	Agrass Control % May-18-22	Arahy Leaf, - Bleachin % Jun-2-22	Amapa Control % Jun-2-22	Rapra Control % Jun-2-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code	7	8	9	10	11	12
10	WARRANT	3 ME		48.0 oz/a	PRE	A	96.0 ab	97.7 a	83.0 c	3.3 bc	97.7 ab	99.0 a
	BRAKE	1.2 SL		12.0 oz/a	PRE	A						
	STRONGARM	84 WG		0.225 oz/a	PRE	A						
	CADRE	2 AS		4.0 oz/a	POST	B						
	WARRANT	3 ME		48.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
	INDUCE			0.25 % v/v	POST	B						
11	OUTLOOK	6 EC		10.5 oz/a	PRE	A	99.0 a	99.0 a	99.0 a	0.0 c	99.0 a	99.0 a
	BRAKE	1.2 SL		12.0 oz/a	PRE	A						
	STRONGARM	84 WG		0.225 oz/a	PRE	A						
	CADRE	2 AS		4.0 oz/a	POST	B						
	OUTLOOK	6 EC		10.5 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
12	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	96.3 ab	86.3 b	94.7 ab	8.3 ab	97.7 ab	99.0 a
	BRAKE	1.2 SL		32.0 oz/a	PRE	A						
	CADRE	2 AS		4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
13	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	99.0 a	89.7 ab	93.0 abc	0.0 c	99.0 a	96.3 b
	BRAKE	1.2 SL		12.0 oz/a	PRE	A						
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A						
	CADRE	2 AS		4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B						
	2,4-DB	2 SL		16.0 oz/a	POST	B						
14	NTC						0.0 c	0.0 d	0.0 d	0.0 c	0.0 d	0.0 c
LSD P=.10							4.87	9.94	10.35	5.35	2.01	1.49
Standard Deviation							3.50	7.14	7.43	3.84	1.44	1.07
CV							4.21	9.43	9.59	129.02	1.72	1.27
Grand Mean							83.19	75.64	77.45	2.98	83.81	84.00
Bartlett's X2^							13.88	20.288	11.77	17.095	16.171	40.387
P(Bartlett's X2)							0.382	0.088	0.547	0.195	0.24	0.00*

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 3												
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Agrass Control % Jun-2-22	Arahy Plant, - Bleachin % Jun-16-22	Amapa Control % Jun-16-22	Agrass Control % Jun-16-22	Amapa Control % Jun-30-22	Agrass Control % Jun-30-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code	13	14	15	16	17	18
1	NTC						0.0 e	0.0 a	0.0 c	0.0 c	0.0 c	0.0 c
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 a	0.0 a	99.0 a	97.7 b	99.0 a	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	94.7 abc	0.0 a	94.7 b	99.0 a	96.3 a	99.0 a
	BRAKE	1.2	SL	12.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	96.0 ab	0.0 a	99.0 a	99.0 a	97.7 a	99.0 a
	BRAKE	1.2	SL	14.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	97.7 ab	0.0 a	96.3 ab	99.0 a	96.3 a	99.0 a
	BRAKE	1.2	SL	16.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	93.0 bcd	0.0 a	96.3 ab	99.0 a	94.7 a	99.0 a
	BRAKE	1.2	SL	24.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	96.3 ab	0.0 a	99.0 a	99.0 a	97.7 a	99.0 a
	BRAKE	1.2	SL	28.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	96.0 ab	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	BRAKE	1.2	SL	12.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A	90.0 cd	0.0 a	97.7 ab	99.0 a	99.0 a	99.0 a
	BRAKE	1.2	SL	12.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 3													
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Agrass Control % Jun-2-22	Arahy Plant, - Bleachin % Jun-16-22	Amapa Control % Jun-16-22	Agrass Control % Jun-16-22	Amapa Control % Jun-30-22	Agrass Control % Jun-30-22	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	13	14	15	16	17	18
10	WARRANT	3 ME		48.0 oz/a		PRE	A	88.3 d	0.0 a	97.7 ab	99.0 a	66.0 b	94.3 b
	BRAKE	1.2 SL		12.0 oz/a		PRE	A						
	STRONGARM	84 WG		0.225 oz/a		PRE	A						
	CADRE	2 AS		4.0 oz/a		POST	B						
	WARRANT	3 ME		48.0 oz/a		POST	B						
	2,4-DB	2 SL		16.0 oz/a		POST	B						
	INDUCE			0.25 % v/v		POST	B						
11	OUTLOOK	6 EC		10.5 oz/a		PRE	A	97.7 ab	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL		12.0 oz/a		PRE	A						
	STRONGARM	84 WG		0.225 oz/a		PRE	A						
	CADRE	2 AS		4.0 oz/a		POST	B						
	OUTLOOK	6 EC		10.5 oz/a		POST	B						
	2,4-DB	2 SL		16.0 oz/a		POST	B						
12	PROWL H20	3.8 SC		32.0 oz/a		PRE	A	97.7 ab	0.0 a	96.0 ab	97.7 b	96.0 a	99.0 a
	BRAKE	1.2 SL		32.0 oz/a		PRE	A						
	CADRE	2 AS		4.0 oz/a		POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST	B						
	2,4-DB	2 SL		16.0 oz/a		POST	B						
13	PROWL H20	3.8 SC		32.0 oz/a		PRE	A	99.0 a	0.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL		12.0 oz/a		PRE	A						
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a		PRE	A						
	CADRE	2 AS		4.0 oz/a		POST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a		POST	B						
	2,4-DB	2 SL		16.0 oz/a		POST	B						
14	NTC							0.0 e	0.0 a	0.0 c	0.0 c	0.0 c	0.0 c
LSD P=.10								5.50	.	3.01	1.17	18.70	3.01
Standard Deviation								3.95	0.00	2.16	0.84	13.43	2.16
CV								4.83	0.0	2.58	0.99	16.5	2.56
Grand Mean								81.81	0.00	83.76	84.67	81.40	84.52
Bartlett's X2^								28.136	.	24.643	30.406	52.412	52.232
P(Bartlett's X2)								0.009*	.	0.026*	0.004*	0.00*	0.00*

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Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 3												
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Amapa Control % Jul-18-22	Agrass Control % Jul-18-22	Amapa Control % Aug-4-22	Agrass Control % Aug-4-22	----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22
Trt	Treatment	Form	Form	Rate	Grow	Appl	19	20	21	22	23	24
No.	Name	Conc	Type	Unit	Stg	Code						
1	NTC						0.0 c	0.0 c	0.0 c	0.0 c	0.00 d	0.0 d
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.3 a	98.0 a	99.0 a	97.7 a	22.67 ab	22.2 ab
	VALOR EZ	4	SC	3.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
3	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	96.3 ab	97.7 a	96.3 ab	97.7 a	21.45 b	21.0 b
	BRAKE	1.2	SL	12.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
4	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	97.7 ab	97.7 a	97.7 ab	97.7 a	21.07 bc	20.6 bc
	BRAKE	1.2	SL	14.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
5	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	97.7 ab	99.0 a	97.7 ab	99.0 a	22.50 ab	22.1 ab
	BRAKE	1.2	SL	16.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
6	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	96.3 ab	99.0 a	94.7 b	99.0 a	21.43 b	21.0 b
	BRAKE	1.2	SL	24.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
7	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	97.7 ab	97.7 a	96.0 ab	97.7 a	21.10 bc	20.7 bc
	BRAKE	1.2	SL	28.0 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
8	PROWL H20	3.8	SC	32.0 oz/a	PRE	A	99.0 ab	99.0 a	99.0 a	99.0 a	21.93 ab	21.5 ab
	BRAKE	1.2	SL	12.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A	97.7 ab	99.0 a	97.7 ab	99.0 a	21.15 b	20.7 b
	BRAKE	1.2	SL	12.0 oz/a	PRE	A						
	STRONGARM	84	WG	0.225 oz/a	PRE	A						
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE													
YEAR 3													
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code							Amapa	Agrass	Amapa	Agrass	-----	-----	
Crop Code											ARAHY	ARAHY	
Part Rated											YIELD, -	YIELD, -	
Rating Data Type							Control	Control	Control	Control	DIRTY	CLEAN	
Rating Unit							%	%	%	%	LBS/PLOT	LBS/PLOT	
Rating Date							Jul-18-22	Jul-18-22	Aug-4-22	Aug-4-22	Sep-19-22	Sep-19-22	
Trt	Treatment	Form	Form	Rate	Grow	Appl	19	20	21	22	23	24	
No.	Name	Conc	Type	Rate	Unit	Stg	Code						
10	WARRANT	3 ME		48.0 oz/a	PRE	A		96.0 b	92.7 b	94.3 b	91.3 b	21.93 ab	21.5 ab
	BRAKE	1.2 SL		12.0 oz/a	PRE	A							
	STRONGARM	84 WG		0.225 oz/a	PRE	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	WARRANT	3 ME		48.0 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
	INDUCE			0.25 % v/v	POST	B							
11	OUTLOOK	6 EC		10.5 oz/a	PRE	A		99.0 ab	99.0 a	99.0 a	97.7 a	21.53 b	21.1 b
	BRAKE	1.2 SL		12.0 oz/a	PRE	A							
	STRONGARM	84 WG		0.225 oz/a	PRE	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	OUTLOOK	6 EC		10.5 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
12	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		96.0 b	99.0 a	96.0 ab	99.0 a	19.40 c	19.0 c
	BRAKE	1.2 SL		32.0 oz/a	PRE	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
13	PROWL H20	3.8 SC		32.0 oz/a	PRE	A		99.0 ab	99.0 a	99.0 a	98.0 a	23.47 a	23.0 a
	BRAKE	1.2 SL		12.0 oz/a	PRE	A							
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A							
	CADRE	2 AS		4.0 oz/a	POST	B							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B							
	2,4-DB	2 SL		16.0 oz/a	POST	B							
14	NTC							0.0 c	0.0 c	0.0 c	0.0 c	0.00 d	0.0 d
LSD P=.10								3.01	4.27	4.21	3.16	1.726	1.69
Standard Deviation								2.16	3.07	3.02	2.27	1.233	1.21
CV								2.58	3.65	3.63	2.71	6.65	6.65
Grand Mean								83.69	84.05	83.31	83.76	18.545	18.17
Bartlett's X2^								11.869	31.827	14.927	18.964	.	.
P(Bartlett's X2)								0.538	0.003*	0.312	0.124	.	.

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 3						
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code	-----					
Crop Code	ARAHY					
Part Rated	YIELD, -					
Rating Data Type	YIELD					
Rating Unit	LBS/A					
Rating Date	Sep-19-22					
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code
25						
1	NTC					0.0 d
2	PROWL H20	3.8 SC		32.0 oz/a	PRE A	6042.2 ab
	VALOR EZ	4 SC		3.0 oz/a	PRE A	
	STRONGARM	84 WG		0.225 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
3	PROWL H20	3.8 SC		32.0 oz/a	PRE A	5717.9 b
	BRAKE	1.2 SL		12.0 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
4	PROWL H20	3.8 SC		32.0 oz/a	PRE A	5615.7 bc
	BRAKE	1.2 SL		14.0 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
5	PROWL H20	3.8 SC		32.0 oz/a	PRE A	5997.8 ab
	BRAKE	1.2 SL		16.0 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
6	PROWL H20	3.8 SC		32.0 oz/a	PRE A	5713.4 b
	BRAKE	1.2 SL		24.0 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
7	PROWL H20	3.8 SC		32.0 oz/a	PRE A	5624.6 bc
	BRAKE	1.2 SL		28.0 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
8	PROWL H20	3.8 SC		32.0 oz/a	PRE A	5846.7 ab
	BRAKE	1.2 SL		12.0 oz/a	PRE A	
	STRONGARM	84 WG		0.225 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	
9	DUAL MAGNUM	7.62 SC		16.0 oz/a	PRE A	5637.9 b
	BRAKE	1.2 SL		12.0 oz/a	PRE A	
	STRONGARM	84 WG		0.225 oz/a	PRE A	
	CADRE	2 AS		4.0 oz/a	POST B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST B	
	2,4-DB	2 SL		16.0 oz/a	POST B	

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 3							
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code				-----			
Crop Code				ARAHY			
Part Rated				YIELD, -			
Rating Data Type				YIELD			
Rating Unit				LBS/A			
Rating Date				Sep-19-22			
Trt	Treatment	Form	Form	Rate	Grow	Appl	25
No.	Name	Conc	Type	Rate	Unit	Stg	Code
10	WARRANT	3 ME		48.0 oz/a	PRE	A	5846.7 ab
	BRAKE	1.2 SL		12.0 oz/a	PRE	A	
	STRONGARM	84 WG		0.225 oz/a	PRE	A	
	CADRE	2 AS		4.0 oz/a	POST	B	
	WARRANT	3 ME		48.0 oz/a	POST	B	
	2,4-DB	2 SL		16.0 oz/a	POST	B	
	INDUCE			0.25 % v/v	POST	B	
11	OUTLOOK	6 EC		10.5 oz/a	PRE	A	5740.1 b
	BRAKE	1.2 SL		12.0 oz/a	PRE	A	
	STRONGARM	84 WG		0.225 oz/a	PRE	A	
	CADRE	2 AS		4.0 oz/a	POST	B	
	OUTLOOK	6 EC		10.5 oz/a	POST	B	
	2,4-DB	2 SL		16.0 oz/a	POST	B	
12	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	5171.4 c
	BRAKE	1.2 SL		32.0 oz/a	PRE	A	
	CADRE	2 AS		4.0 oz/a	POST	B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B	
	2,4-DB	2 SL		16.0 oz/a	POST	B	
13	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	6255.5 a
	BRAKE	1.2 SL		12.0 oz/a	PRE	A	
	TRIFLUDIMOXAZIN	4.17 SC		1.03 oz/a	PRE	A	
	CADRE	2 AS		4.0 oz/a	POST	B	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	B	
	2,4-DB	2 SL		16.0 oz/a	POST	B	
14	NTC						0.0 d
LSD P=.10				460.03			
Standard Deviation				328.74			
CV				6.65			
Grand Mean				4943.56			
Bartlett's X2^				.			
P(Bartlett's X2)				.			

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.

Missing data estimates are included in columns: Average=23,24,25

Could not calculate LSD (% mean diff) for columns 14 because error mean square = 0.

^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Arahy Stunting % May-11-22 (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	2664.285714			
Replicate	2	139.285714	69.642857	3.545	0.0435
Treatment	13	2014.285714	154.945055	7.888	0.0001
Error	26	510.714286	19.642857		

Randomized Complete Block (RCB) AOV For Arahy Bleachin % May-11-22 (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	3745.833333			
Replicate	2	8.333333	4.166667	1.000	0.3816
Treatment	13	3629.166667	279.166667	67.000	0.0001
Error	26	108.333333	4.166667		

Randomized Complete Block (RCB) AOV For Amapa Control % May-11-22 (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	50307.619048			
Replicate	2	0.761905	0.380952	1.000	0.3816
Treatment	13	50296.952381	3868.996337	10156.116	0.0001
Error	26	9.904762	0.380952		

Randomized Complete Block (RCB) AOV For Rapra Control % May-11-22 (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	48379.333333			
Replicate	2	17.333333	8.666667	0.402	0.6728
Treatment	13	47802.000000	3677.076923	170.721	0.0001
Error	26	560.000000	21.538462		

Randomized Complete Block (RCB) AOV For Agrass Control % May-11-22 (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	48770.976190			
Replicate	2	16.047619	8.023810	1.897	0.1702
Treatment	13	48644.976190	3741.921245	884.837	0.0001
Error	26	109.952381	4.228938		

Randomized Complete Block (RCB) AOV For Arahy Plant Bleachin % May-18-22 (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	4097.619048			
Replicate	2	1.190476	0.595238	0.072	0.9309
Treatment	13	3880.952381	298.534799	36.022	0.0001
Error	26	215.476190	8.287546		

Randomized Complete Block (RCB) AOV For Amapa Control % May-18-22 (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49008.476190			
Replicate	2	103.047619	51.523810	4.209	0.0261
Treatment	13	48587.142857	3737.472527	305.305	0.0001
Error	26	318.285714	12.241758		

Randomized Complete Block (RCB) AOV For Rapra Control % May-18-22 (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	46325.642857			
Replicate	2	301.857143	150.928571	2.964	0.0693
Treatment	13	44699.642857	3438.434066	67.515	0.0001
Error	26	1324.142857	50.928571		

Randomized Complete Block (RCB) AOV For Agrass Control % May-18-22 (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	44884.404762			
Replicate	2	746.476190	373.238095	6.760	0.0043
Treatment	13	42702.404762	3284.800366	59.494	0.0001
Error	26	1435.523810	55.212454		

Randomized Complete Block (RCB) AOV For Arahy Leaf Bleachin % Jun-2-22 (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	1052.976190			
Replicate	2	133.333333	66.666667	4.522	0.0206
Treatment	13	536.309524	41.254579	2.798	0.0123
Error	26	383.333333	14.743590		

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WEED CONTROL IN PEANUT WITH BRAKE YEAR 3					
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT			
Location: PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Amapa Control % Jun-2-22 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49290.476190			
Replicate	2	9.904762	4.952381	2.380	0.1124
Treatment	13	49226.476190	3786.652015	1819.993	0.0001
Error	26	54.095238	2.080586		
Randomized Complete Block (RCB) AOV For Rapra Control % Jun-2-22 (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49500.000000			
Replicate	2	2.285714	1.142857	1.000	0.3816
Treatment	13	49468.000000	3805.230769	3329.577	0.0001
Error	26	29.714286	1.142857		
Randomized Complete Block (RCB) AOV For Agrass Control % Jun-2-22 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	47646.476190			
Replicate	2	5.904762	2.952381	0.189	0.8289
Treatment	13	47234.476190	3633.421245	232.628	0.0001
Error	26	406.095238	15.619048		
Randomized Complete Block (RCB) AOV For Arahy Plant Bleachin % Jun-16-22 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	0.000000000000			
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000
Treatment	13	0.000000000000	0.000000000000	0.000	1.0000
Error	26	0.000000000000	0.000000000000		
Randomized Complete Block (RCB) AOV For Amapa Control % Jun-16-22 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49327.619048			
Replicate	2	16.047619	8.023810	1.720	0.1988
Treatment	13	49190.285714	3783.868132	811.147	0.0001
Error	26	121.285714	4.664835		
Randomized Complete Block (RCB) AOV For Agrass Control % Jun-16-22 (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	50209.333333			
Replicate	2	3.047619	1.523810	2.167	0.1348
Treatment	13	50188.000000	3860.615385	5489.313	0.0001
Error	26	18.285714	0.703297		
Randomized Complete Block (RCB) AOV For Amapa Control % Jun-30-22 (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	54258.119048			
Replicate	2	361.476190	180.738095	1.002	0.3809
Treatment	13	49206.785714	3785.137363	20.984	0.0001
Error	26	4689.857143	180.379121		
Randomized Complete Block (RCB) AOV For Agrass Control % Jun-30-22 (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	50200.476190			
Replicate	2	9.333333	4.666667	1.000	0.3816
Treatment	13	50069.809524	3851.523810	825.327	0.0001
Error	26	121.333333	4.666667		
Randomized Complete Block (RCB) AOV For Amapa Control % Jul-18-22 (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49252.976190			
Replicate	2	51.190476	25.595238	5.478	0.0103
Treatment	13	49080.309524	3775.408425	808.065	0.0001
Error	26	121.476190	4.672161		
Randomized Complete Block (RCB) AOV For Agrass Control % Jul-18-22 (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49841.904762			
Replicate	2	42.333333	21.166667	2.252	0.1253
Treatment	13	49555.238095	3811.941392	405.636	0.0001
Error	26	244.333333	9.397436		

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WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Amapa Control % Aug-4-22 (Data Column 21)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49000.976190			
Replicate	2	84.619048	42.309524	4.634	0.0190
Treatment	13	48678.976190	3744.536630	410.134	0.0001
Error	26	237.380952	9.130037		

Randomized Complete Block (RCB) AOV For Agrass Control % Aug-4-22 (Data Column 22)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	49419.619048			
Replicate	2	25.761905	12.880952	2.495	0.1021
Treatment	13	49259.619048	3789.201465	733.914	0.0001
Error	26	134.238095	5.163004		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-19-22 (Data Column 23)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	38	2476.769048			
Replicate	2	0.497262	0.248631	0.163	0.8502
Treatment	13	2441.292381	187.791722	123.479	0.0001
Error	23	34.979405	1.520844		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-19-22 (Data Column 24)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	38	2378.688993			
Replicate	2	0.477570	0.238785	0.163	0.8502
Treatment	13	2344.617203	180.355169	123.479	0.0001
Error	23	33.594220	1.460618		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD YIELD LBS/A Sep-19-22 (Data Column 25)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	38	175995278.689509			
Replicate	2	35334.641958	17667.320979	0.163	0.8502
Treatment	13	173474363.046212	13344181.772786	123.479	0.0001
Error	23	2485581.001338	108068.739189		

Weed Code

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

Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

T1 = [C23]*0.98

TY2 = 272.008*[24]

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WEED CONTROL IN PEANUT WITH BRAKE												
YEAR 3												
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date								Arahy Stunting % May-11-22	Arahy Bleachin % May-11-22	Amapa Control % May-11-22	Rapra Control % May-11-22	Agrass Control % May-11-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	1	2	3	4	5
1	NTC						101 206 313 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
2	PROWL H20 VALOR EZ STRONGARM CADRE DUAL MAGNUM 2,4-DB	3.8 4 84 2 7.62 2	SC SC WG AS EC SL	32.0 3.0 0.225 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a oz/a	PRE PRE PRE POST POST POST	A A A B B B	102 208 301 Mean =	20.0 30.0 25.0 25.0	0.0 0.0 0.0 0.0	99.0 99.0 99.0 99.0 99.0 99.0	99.0 95.0 99.0 97.7
3	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 12.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A B B B	103 211 304 Mean =	0.0 15.0 15.0 10.0	5.0 5.0 10.0 6.7	99.0 99.0 99.0 99.0 99.0	50.0 65.0 75.0 63.3
4	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 14.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A B B B	104 214 303 Mean =	0.0 15.0 15.0 10.0	10.0 10.0 10.0 10.0	99.0 99.0 99.0 99.0 99.0	85.0 85.0 85.0 85.0
5	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL 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 POST POST POST	A A B B B	105 209 306 Mean =	0.0 15.0 15.0 10.0	10.0 10.0 15.0 11.7	99.0 99.0 99.0 99.0 99.0	90.0 95.0 99.0 94.7
6	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 24.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A B B B	106 203 310 Mean =	15.0 15.0 20.0 16.7	25.0 20.0 25.0 23.3	99.0 95.0 99.0 97.7	99.0 95.0 85.0 93.0
7	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 28.0 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A B B B	107 213 309 Mean =	20.0 20.0 20.0 20.0	30.0 30.0 25.0 28.3	99.0 99.0 99.0 99.0 99.0	99.0 99.0 99.0 99.0
8	PROWL H20 BRAKE STRONGARM CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 84 2 7.62 2	SC SL WG AS EC SL	32.0 12.0 0.225 4.0 16.0 16.0	oz/a oz/a oz/a oz/a oz/a oz/a	PRE PRE PRE POST POST POST	A A A B B B	108 201 312 Mean =	10.0 20.0 15.0 15.0	5.0 5.0 5.0 5.0	99.0 99.0 99.0 99.0 99.0 99.0	95.0 99.0 95.0 96.3

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WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Arahy Stunting % May-11-22	Arahy Bleachin % May-11-22	Amapa Control % May-11-22	Rapra Control % May-11-22	Agrass Control % May-11-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code Plot	1	2	3	4	5
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A 109	15.0	10.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 212	15.0	10.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 314	15.0	10.0	99.0	99.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						15.0	10.0	99.0	99.0	97.7
10	WARRANT	3	ME	48.0 oz/a	PRE	A 110	15.0	15.0	99.0	99.0	95.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 202	15.0	10.0	99.0	90.0	90.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 308	15.0	10.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	WARRANT	3	ME	48.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	INDUCE			0.25 % v/v	POST	B					
	Mean =						15.0	11.7	99.0	96.0	94.7
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A 111	20.0	15.0	99.0	99.0	95.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 204	15.0	10.0	99.0	99.0	95.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 302	15.0	10.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	OUTLOOK	6	EC	10.5 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						16.7	11.7	99.0	99.0	96.3
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	25.0	30.0	99.0	95.0	99.0
	BRAKE	1.2	SL	32.0 oz/a	PRE	A 205	25.0	30.0	99.0	95.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B 307	15.0	25.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						21.7	28.3	99.0	96.3	97.7
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 113	15.0	5.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 207	15.0	5.0	99.0	90.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A 305	15.0	5.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						15.0	5.0	99.0	94.7	99.0
14	NTC					114	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0
						311	0.0	0.0	0.0	0.0	0.0
	Mean =						0.0	0.0	0.0	0.0	0.0

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WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Arahy Plant, - Bleachin % May-18-22	Amapa Control % May-18-22	Rapra Control % May-18-22	Agrass Control % May-18-22	Arahy Leaf, - Bleachin % Jun-2-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code Plot	6	7	8	9	10
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A 109	10.0	99.0	99.0	95.0	5.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 212	10.0	99.0	99.0	90.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 314	15.0	99.0	99.0	85.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						11.7	99.0	99.0	90.0	1.7
10	WARRANT	3	ME	48.0 oz/a	PRE	A 110	10.0	99.0	99.0	99.0	10.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 202	10.0	99.0	99.0	70.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 308	10.0	90.0	95.0	80.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	WARRANT	3	ME	48.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	INDUCE			0.25 % v/v	POST	B					
	Mean =						10.0	96.0	97.7	83.0	3.3
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A 111	10.0	99.0	99.0	99.0	0.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 204	10.0	99.0	99.0	99.0	0.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 302	5.0	99.0	99.0	99.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	OUTLOOK	6	EC	10.5 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						8.3	99.0	99.0	99.0	0.0
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	20.0	99.0	95.0	99.0	10.0
	BRAKE	1.2	SL	32.0 oz/a	PRE	A 205	30.0	95.0	99.0	95.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	B 307	30.0	95.0	65.0	90.0	15.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						26.7	96.3	86.3	94.7	8.3
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 113	0.0	99.0	99.0	99.0	0.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 207	5.0	99.0	90.0	95.0	0.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A 305	0.0	99.0	80.0	85.0	0.0
	CADRE	2	AS	4.0 oz/a	POST	B					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B					
	2,4-DB	2	SL	16.0 oz/a	POST	B					
	Mean =						1.7	99.0	89.7	93.0	0.0
14	NTC					114	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0
						311	0.0	0.0	0.0	0.0	0.0
	Mean =						0.0	0.0	0.0	0.0	0.0

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WEED CONTROL IN PEANUT WITH BRAKE														
YEAR 3														
Trial ID: PE-04-22				Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM				Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date								Amapa	Rapra	Agrass	Arahy Plant, - Bleachin	Amapa	Agrass	
								Control %	Control %	Control %	Control %	Control %	Control %	
								Jun-2-22	Jun-2-22	Jun-2-22	Jun-16-22	Jun-16-22	Jun-16-22	
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	11	12	13	14	15	16
1	NTC							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
								313	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	99.0	99.0	99.0	0.0	99.0	99.0
	VALOR EZ	4	SC	3.0	oz/a	PRE	A	208	99.0	99.0	99.0	0.0	99.0	95.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
								Mean =	99.0	99.0	99.0	0.0	99.0	97.7
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	95.0	95.0	99.0	0.0	95.0	99.0
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	211	95.0	95.0	90.0	0.0	90.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	304	95.0	95.0	95.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
							Mean =	95.0	95.0	94.7	0.0	94.7	99.0	
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	95.0	95.0	99.0	0.0	99.0	99.0
	BRAKE	1.2	SL	14.0	oz/a	PRE	A	214	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	303	99.0	95.0	90.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
							Mean =	97.7	96.3	96.0	0.0	99.0	99.0	
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	99.0	99.0	0.0	99.0	99.0
	BRAKE	1.2	SL	16.0	oz/a	PRE	A	209	95.0	95.0	99.0	0.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	306	95.0	95.0	95.0	0.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
							Mean =	96.3	96.3	97.7	0.0	96.3	99.0	
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	90.0	0.0	99.0	99.0
	BRAKE	1.2	SL	24.0	oz/a	PRE	A	203	95.0	99.0	90.0	0.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	310	95.0	99.0	99.0	0.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
							Mean =	96.3	99.0	93.0	0.0	96.3	99.0	
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	99.0	99.0	95.0	0.0	99.0	99.0
	BRAKE	1.2	SL	28.0	oz/a	PRE	A	213	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	309	95.0	99.0	95.0	0.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
							Mean =	97.7	99.0	96.3	0.0	99.0	99.0	
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	99.0	99.0	90.0	0.0	99.0	99.0
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	201	99.0	99.0	99.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	312	99.0	99.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B							
	2,4-DB	2	SL	16.0	oz/a	POST	B							
							Mean =	99.0	99.0	96.0	0.0	99.0	99.0	

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WEED CONTROL IN PEANUT WITH BRAKE												
YEAR 3												
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Amapa Control % Jun-2-22	Rapra Control % Jun-2-22	Agrass Control % Jun-2-22	Arahy Plant, - Bleachin % Jun-16-22	Amapa Control % Jun-16-22	Agrass Control % Jun-16-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code Plot	11	12	13	14	15	16
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A 109	99.0	99.0	85.0	0.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 212	99.0	99.0	90.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 314	99.0	99.0	95.0	0.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						99.0	99.0	90.0	0.0	97.7	99.0
10	WARRANT	3	ME	48.0 oz/a	PRE	A 110	99.0	99.0	95.0	0.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 202	99.0	99.0	80.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 308	95.0	99.0	90.0	0.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	WARRANT	3	ME	48.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	INDUCE			0.25 % v/v	POST	B						
	Mean =						97.7	99.0	88.3	0.0	97.7	99.0
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A 111	99.0	99.0	99.0	0.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 204	99.0	99.0	99.0	0.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 302	99.0	99.0	95.0	0.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	OUTLOOK	6	EC	10.5 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						99.0	99.0	97.7	0.0	99.0	99.0
12	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A 112	99.0	99.0	99.0	0.0	99.0	99.0
	BRAKE	1.2	SL	32.0 oz/a	PRE	A 205	99.0	99.0	95.0	0.0	99.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B 307	95.0	99.0	99.0	0.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						97.7	99.0	97.7	0.0	96.0	97.7
13	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A 113	99.0	99.0	99.0	0.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 207	99.0	95.0	99.0	0.0	99.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A 305	99.0	95.0	99.0	0.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						99.0	96.3	99.0	0.0	99.0	99.0
14	NTC					114	0.0	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0	0.0
						311	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												
YEAR 3												
Trial ID: PE-04-22			Study Dir.: KYLE BRISCOE/CHAD ABBOTT									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Amapa	Agrass	Amapa	Agrass	Amapa	Agrass
							Control % Jun-30-22	Control % Jun-30-22	Control % Jul-18-22	Control % Jul-18-22	Control % Aug-4-22	Control % Aug-4-22
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	17	18	19	20
1	NTC							101	0.0	0.0	0.0	0.0
								206	0.0	0.0	0.0	0.0
								313	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	102	99.0	99.0	100.0	100.0
	VALOR EZ	4	SC	3.0	oz/a	PRE	A	208	99.0	99.0	99.0	95.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	301	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	99.0	99.0	99.3	98.0
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	103	95.0	99.0	95.0	99.0
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	211	99.0	99.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	B	304	95.0	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	96.3	99.0	96.3	97.7
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	14.0	oz/a	PRE	A	214	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	303	95.0	99.0	95.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	97.7	99.0	97.7	97.7
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	16.0	oz/a	PRE	A	209	95.0	99.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	306	95.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	96.3	99.0	97.7	99.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	24.0	oz/a	PRE	A	203	90.0	99.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B	310	95.0	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	94.7	99.0	96.3	99.0
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	28.0	oz/a	PRE	A	213	99.0	99.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	B	309	95.0	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	97.7	99.0	97.7	97.7
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0	oz/a	PRE	A	201	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	312	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	B					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	B					
	2,4-DB	2	SL	16.0	oz/a	POST	B					
								Mean =	99.0	99.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH BRAKE												
YEAR 3												
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT										
Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							Amapa Control % Jun-30-22	Agrass Control % Jun-30-22	Amapa Control % Jul-18-22	Agrass Control % Jul-18-22	Amapa Control % Aug-4-22	Agrass Control % Aug-4-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code Plot	17	18	19	20	21	22
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A 109	99.0	99.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 212	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 314	99.0	99.0	95.0	99.0	95.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						99.0	99.0	97.7	99.0	97.7	99.0
10	WARRANT	3	ME	48.0 oz/a	PRE	A 110	99.0	99.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 202	9.0	85.0	99.0	80.0	99.0	85.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 308	90.0	99.0	90.0	99.0	85.0	90.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	WARRANT	3	ME	48.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	INDUCE			0.25 % v/v	POST	B						
	Mean =						66.0	94.3	96.0	92.7	94.3	91.3
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A 111	99.0	99.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 204	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 302	99.0	99.0	99.0	99.0	99.0	95.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	OUTLOOK	6	EC	10.5 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						99.0	99.0	99.0	99.0	99.0	97.7
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	99.0	99.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	32.0 oz/a	PRE	A 205	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B 307	90.0	99.0	90.0	99.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						96.0	99.0	96.0	99.0	96.0	99.0
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 113	99.0	99.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 207	99.0	99.0	99.0	99.0	99.0	96.0
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A 305	99.0	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	POST	B						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B						
	2,4-DB	2	SL	16.0 oz/a	POST	B						
	Mean =						99.0	99.0	99.0	99.0	99.0	98.0
14	NTC					114	0.0	0.0	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0	0.0	0.0
						311	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 YEAR 3										
Trial ID: PE-04-22		Study Dir.: KYLE BRISCOE/CHAD ABBOTT								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22	----- ARAHY YIELD, - YIELD LBS/A Sep-19-22	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code Plot	23	24	25
1	NTC						101 206 313 Mean =	0.00 0.00 0.00 0.00	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
2	PROWL H20 VALOR EZ STRONGARM CADRE DUAL MAGNUM 2,4-DB	3.8 4 84 2 7.62 2	SC SC WG AS EC SL	32.0 oz/a 3.0 oz/a 0.225 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A B B B	102 208 301 Mean =	23.40 23.90 20.70 22.67	22.9 23.4 20.3 22.2	6237.7 6371.0 5518.0 6042.2
3	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 oz/a 12.0 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A B B B	103 211 304 Mean =	20.40 22.50 21.45	20.0 22.1 21.0	5438.0 5997.8 5717.9
4	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 oz/a 14.0 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A B B B	104 214 303 Mean =	20.90 21.00 21.30 21.07	20.5 20.6 20.9 20.6	5571.3 5597.9 5677.9 5615.7
5	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 oz/a 16.0 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A B B B	105 209 306 Mean =	24.20 21.30 22.00 22.50	23.7 20.9 21.6 22.1	6450.9 5677.9 5864.5 5997.8
6	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 oz/a 24.0 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A B B B	106 203 310 Mean =	20.60 22.30 21.40 21.43	20.2 21.9 21.0 21.0	5491.3 5944.5 5704.6 5713.4
7	PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 2 7.62 2	SC SL AS EC SL	32.0 oz/a 28.0 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE POST POST POST	A A B B B	107 213 309 Mean =	20.40 20.20 22.70 21.10	20.0 19.8 22.2 20.7	5438.0 5384.7 6051.1 5624.6
8	PROWL H20 BRAKE STRONGARM CADRE DUAL MAGNUM 2,4-DB	3.8 1.2 84 2 7.62 2	SC SL WG AS EC SL	32.0 oz/a 12.0 oz/a 0.225 oz/a 4.0 oz/a 16.0 oz/a 16.0 oz/a	PRE PRE PRE POST POST POST	A A A B B B	108 201 312 Mean =	22.10 23.60 20.10 21.93	21.7 23.1 19.7 21.5	5891.1 6291.0 5358.0 5846.7

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WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-19-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-19-22	----- ARAHY YIELD, - YIELD LBS/A Sep-19-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code Plot	23	24	25
9	DUAL MAGNUM	7.62	SC	16.0 oz/a	PRE	A 109	22.70	22.2	6051.1
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 212	19.60	19.2	5224.7
	STRONGARM	84	WG	0.225 oz/a	PRE	A 314	.	.	.
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	2	SL	16.0 oz/a	POST	B			
	Mean =						21.15	20.7	5637.9
10	WARRANT	3	ME	48.0 oz/a	PRE	A 110	21.30	20.9	5677.9
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 202	22.20	21.8	5917.8
	STRONGARM	84	WG	0.225 oz/a	PRE	A 308	22.30	21.9	5944.5
	CADRE	2	AS	4.0 oz/a	POST	B			
	WARRANT	3	ME	48.0 oz/a	POST	B			
	2,4-DB	2	SL	16.0 oz/a	POST	B			
	INDUCE			0.25 % v/v	POST	B			
	Mean =						21.93	21.5	5846.7
11	OUTLOOK	6	EC	10.5 oz/a	PRE	A 111	20.60	20.2	5491.3
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 204	23.30	22.8	6211.0
	STRONGARM	84	WG	0.225 oz/a	PRE	A 302	20.70	20.3	5518.0
	CADRE	2	AS	4.0 oz/a	POST	B			
	OUTLOOK	6	EC	10.5 oz/a	POST	B			
	2,4-DB	2	SL	16.0 oz/a	POST	B			
	Mean =						21.53	21.1	5740.1
12	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 112	19.30	18.9	5144.8
	BRAKE	1.2	SL	32.0 oz/a	PRE	A 205	.	.	.
	CADRE	2	AS	4.0 oz/a	POST	B 307	19.50	19.1	5198.1
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	2	SL	16.0 oz/a	POST	B			
	Mean =						19.40	19.0	5171.4
13	PROWL H20	3.8	SC	32.0 oz/a	PRE	A 113	24.30	23.8	6477.6
	BRAKE	1.2	SL	12.0 oz/a	PRE	A 207	22.90	22.4	6104.4
	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A 305	23.20	22.7	6184.4
	CADRE	2	AS	4.0 oz/a	POST	B			
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	B			
	2,4-DB	2	SL	16.0 oz/a	POST	B			
	Mean =						23.47	23.0	6255.5
14	NTC					114	0.00	0.0	0.0
						210	0.00	0.0	0.0
						311	0.00	0.0	0.0
	Mean =						0.00	0.0	0.0

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WEED CONTROL IN PEANUT WITH BRAKE

YEAR 3

Trial ID: PE-04-22 Study Dir.: KYLE BRISCOE/CHAD ABBOTT

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

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

Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

T1 = [C23]*0.98

TY2 = 272.008*[24]