

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE			
YEAR 2			
Trial ID: PE-08-21	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 H20	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 H20	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 H20	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 H20	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 H20	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 H20	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 H20	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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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	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				
	2,4-DB	2 SL		16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx				
12	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1450 mL	112	205	307
	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				
	2,4-DB	2 SL		16.0 oz/a	POST	B	15 GAL/AC	12.5 mL/mx				
13	PROWL H20	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1464.8 mL	113	207	305
	BRAKE	1.2 SL		12.0 oz/a	PRE	A	15 GPA	9.374 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				
	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				
14	NTC							-		114	210	311

Sort Order: Treatment

Trial Comments
<p>2,4-DB = BUTYRAC 200 (ALBAUGH)</p> <p>DIGGING DATE: 09/24/21 HARVEST DATE: 09/29/21 HARVEST MOISTURE: 8.9% YIELDS ADJUSTED TO 10% MOISTURE. 2% YIELD DEDUCTION FOR FM (ROCK, STEMS, ETC.)</p> <p><u>SUMMARY:</u></p> <p>1) PRE APPLICATIONS OF BRAKE CAUSED TRANSIENT PEANUT BLEACHING. HIGHER RATES = MORE BLEACHING.</p> <p>2) PRE APPLICATIONS OF BRAKE PROVIDED 70-80% CONTROL OF WILD RADISH. CONTROL OF WILD RADISH WAS IMPROVED WHEN TANK-MIXED WITH STRONGARM.</p> <p>3) PRE APPLICATIONS OF PROWL + BRAKE @ 12-24 OZ/A PROVIDED 70-88% CONTROL OF PALMER AMARANTH. CONTROL IMPROVED TO >90% WHEN APPLIED @ 28 OZ/A OR WHEN LOWER RATES WERE TANK-MIXED WITH STRONGARM OR STRONGARM + GROUP 15 HERBICIDE.</p> <p>4) NO DIFFERENCE IN ANNUAL GRASSES CONTROL BETWEEN ANY TREATMENTS.</p> <p>5) ALL PRE TREATMENTS PROVIDED 99% CONTROL OF CARPETWEED.</p> <p>6) ALL HERBICIDE TREATED PLOTS HAD GREATER YIELDS THAN THE NTC. GENERALLY, NO DIFFERENCES IN YIELD BETWEEN TREATMENTS EXCEPT FOR TRT #13 (PROWL + BRAKE @ 12 OZ/A + TRIFLUIDI @ 1 OZ/A - PRE FOLLOWED BY CADRE + DUAL MAGNUM + 2,4-DB-POST) WHICH HAD LOWER YIELDS THAN TRT#4 (PROWL + BRAKE @ 14 OZ/A - PRE FOLLOWED BY CADRE + DUAL MAGNUM + 2,4-DB - POST), TRT #10 (WARRANT + BRAKE @ 12 OZ/A + STRONGARM - PRE FOLLOWED BY CADRE + WARRANT + 2,4-DB - POST), AND TRT# 11 (OUTLOOK + BRAKE @ 12 OZ/A + STRONGARM - PRE FOLLOWED BY CADRE + OUTLOOK + 2,4-DB - POST).</p>

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WEED CONTROL IN PEANUT WITH BRAKE

YEAR 2

Trial ID: PE-08-21 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. DEDTO FL BEGGARWEED
Weed 5. IPOLA PITTED MG	6. IAQTA SMALLFLOWER MG
Weed 7. CYPES YELLOW NUTSEDGE	8. RSHSC FL PUSLEY
Weed 9. MOLVE CARPETWEED	10. _____

Crop 1: ARAHY PEANUT **Variety:** GA-16HO **Planting Date:** May-10-21
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:** RACOBL
Trial Initiation Comments: 300 LB/A 5-15-30 PREPLANT; RANCONA VPD SEED TRT; THIMET INFR @ 5.25 LBS/A; 36"-9" TWIN ROWS; 1000 LBS/A GYPSUM

Previous: Crops	Pesticides	Year
1. FALLOW		2020

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.64 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 2.8 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-11-21	0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-11-21	0.15	IN	RAINFALL		
3.	May-12-21	0.6	IN	RAINFALL		
4.	May-19-21	0.5	IN	SPRINKLER - LATERAL MOVE		
5.	May-24-21	0.5	IN	SPRINKLER - LATERAL MOVE		
6.	Jun-1-21	0.5	IN	SPRINKLER - LATERAL MOVE		
7.	Jun-4-21	0.6	IN	RAINFALL		
8.	Jun-6-21	0.4	IN	RAINFALL		
9.	Jun-7-21	1.25	IN	RAINFALL		
10.	Jun-8-21	0.15	IN	RAINFALL		
11.	Jun-11-21	0.3	IN	RAINFALL		
12.	Jun-15-21	1.0	IN	RAINFALL		
13.	Jun-18-21	0.5	IN	SPRINKLER - LATERAL MOVE		
14.	Jun-20-21	1.0	IN	RAINFALL		
15.	Jun-21-21	2.4	IN	RAINFALL		

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

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Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
 Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-11-21	Jun-4-21				
Time of Day:	7:45 AM	7:00 AM				
Application Method:	BROADCAST	BROADCAST				
Application Timing:	PRE	POST				
Applic. Placement:	SOIL	FOLIAGE				
Air Temp., Unit:	69 F	71 F				
% Relative Humidity:	94	92				
Wind Velocity, Unit:	1 MPH	1 MPH				
Dew Presence (Y/N):	N	Y				
Water Hardness:	----	---				
Soil Temp., Unit:	70 F	72 F				
Soil Moisture:	OPTIMUM	OPTIMUM				
% Cloud Cover:	75	10				

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage: ARAHY		3"T;5"W				
Stage Scale:		V6				
Height, Unit:						

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage: AMAPA		3-12"				
Stage Scale:						
Density, Unit:						
Weed 2 Stage: AGRASS		1-4"				
Stage Scale:						
Density, Unit:						
Weed 3 Stage: RAPRA		1-5"				
Stage Scale:						
Density, Unit:						
Weed 4 Stage: DEDTO						
Stage Scale:						
Density, Unit:						
Weed 5 Stage: IPOLA		1"				
Stage Scale:						
Density, Unit:						
Weed 6 Stage: IAQTA		1-2"				
Stage Scale:						
Density, Unit:						
Weed 7 Stage: CYPES		6-8"				
Stage Scale:						
Density, Unit:						
Weed 8 Stage: RSHSC						
Stage Scale:						
Density, Unit:						

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 Location: PONDER FARM Investigator: Eric P. Prostko

		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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Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----		Amapa	Rapra	Agrass	Molve	Rchsc					
Crop Code	Arahy		-----	-----	-----	-----	-----					
Part Rated												
Rating Data Type	Stunt	Bleachin	Control	Control	Control	Control	Control					
Rating Unit	%	%	%	%	%	%	%					
Rating Date	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21					
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	1	2	3	4	5	6	7
1	NTC					0.0 a	0.0 f	0.0 c	0.0 d	0.0 d	0.0 b	0.0 c
2	PROWL H20	3.8 SC	PRE	A		1.7 a	0.0 f	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
	VALOR EZ	4 SC	PRE	A								
	STRONGARM	84 WG	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
3	PROWL H20	3.8 SC	PRE	A		0.0 a	1.7 ef	91.3 b	75.0 c	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
4	PROWL H20	3.8 SC	PRE	A		0.0 a	5.0 cd	97.7 a	80.0 bc	94.7 c	99.0 a	97.7 b
	BRAKE	1.2 SL	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
5	PROWL H20	3.8 SC	PRE	A		0.0 a	5.0 cd	97.7 a	71.7 c	97.7 ab	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
6	PROWL H20	3.8 SC	PRE	A		0.0 a	6.7 bc	96.3 a	80.0 bc	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
7	PROWL H20	3.8 SC	PRE	A		0.0 a	8.3 b	97.7 a	75.0 c	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
8	PROWL H20	3.8 SC	PRE	A		3.3 a	3.3 de	99.0 a	96.3 a	99.0 a	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A								
	STRONGARM	84 WG	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	POST	B								
9	DUAL MAGNUM	7.62 SC	PRE	A		0.0 a	1.7 ef	99.0 a	94.7 ab	96.3 bc	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A								
	STRONGARM	84 WG	PRE	A								
	CADRE	2 AS	POST	B								
	DUAL MAGNUM	7.62 EC	POST	B								
	2,4-DB	2 SL	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=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

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Weed Code					Amapa	Rapra	Agrass	Molve	Rchsc			
Crop Code					-----	-----	-----	-----	-----			
Part Rated												
Rating Data Type					Control	Control	Control	Control	Control			
Rating Unit					%	%	%	%	%			
Rating Date					May-24-21	May-24-21	May-24-21	May-24-21	May-24-21			
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	1	2	3	4	5	6	7
10	WARRANT BRAKE	3 ME	PRE	A	A	1.7 a	5.0 cd	99.0 a	95.0 ab	97.7 ab	99.0 a	99.0 a
	STRONGARM	1.2 SL	PRE	A	A							
	CADRE	84 WG	PRE	A	A							
	WARRANT	2 AS	POST	B	B							
	2,4-DB	3 ME	POST	B	B							
	INDUCE	2 SL	POST	B	B							
11	OUTLOOK BRAKE	6 EC	PRE	A	A	0.0 a	0.0 f	99.0 a	97.7 a	99.0 a	99.0 a	99.0 a
	STRONGARM	1.2 SL	PRE	A	A							
	CADRE	84 WG	PRE	A	A							
	OUTLOOK	2 AS	POST	B	B							
	2,4-DB	6 EC	POST	B	B							
12	PROWL H20 BRAKE	3.8 SC	PRE	A	A	0.0 a	11.7 a	97.7 a	83.0 abc	97.7 ab	99.0 a	99.0 a
	CADRE	1.2 SL	PRE	A	A							
	DUAL MAGNUM	2 AS	POST	B	B							
	2,4-DB	7.62 EC	POST	B	B							
13	PROWL H20 BRAKE	3.8 SC	PRE	A	A	0.0 a	0.0 f	96.3 a	75.0 c	94.7 c	99.0 a	99.0 a
	TRIFLUDIMOXAZIN	1.2 SL	PRE	A	A							
	CADRE	4.17 SC	PRE	A	A							
	DUAL MAGNUM	2 AS	POST	B	B							
	2,4-DB	7.62 EC	POST	B	B							
14	NTC					0.0 a	0.0 f	0.0 c	0.0 d	0.0 d	0.0 b	0.0 c
LSD P=.10						1.91	2.71	3.37	16.11	2.62	.	0.86
Standard Deviation						1.37	1.95	2.42	11.57	1.88	0.00	0.62
CV						287.73	56.47	2.9	15.84	2.24	0.0	0.73
Grand Mean						0.48	3.45	83.55	73.02	83.76	84.86	84.76
Bartlett's X2^						61.624	51.508	27.405	18.403	10.726	.	52.232
P(Bartlett's X2)						0.00*	0.00*	0.011*	0.143	0.634	.	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=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2
Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					-----	Amapa	Rapra	Agrass	Molve	-----	Amapa	Rapra	
Crop Code					Arahy	-----	-----	-----	-----	Arahy	-----	-----	
Part Rated					Bleachin	Control	Control	Control	Control	Bleachin	Control	Control	
Rating Data Type					%	%	%	%	%	%	%	%	
Rating Unit					Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-15-21	Jun-15-21	Jun-15-21	
Rating Date													
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	8	9	10	11	12	13	14	15
1	NTC					0.0 c	0.0 f	0.0 c	0.0 d	0.0 b	0.0 c	0.0 d	0.0 d
2	PROWL H20	3.8 SC	PRE	A		1.7 bc	97.7 a	97.7 a	99.0 a	99.0 a	0.0 c	99.0 a	99.0 a
	VALOR EZ	4 SC	PRE	A									
	STRONGARM	84 WG	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
3	PROWL H20	3.8 SC	PRE	A		5.0 b	73.3 e	80.0 b	91.3 bc	99.0 a	0.0 c	83.3 c	93.0 c
	BRAKE	1.2 SL	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
4	PROWL H20	3.8 SC	PRE	A		1.7 bc	88.3 bcd	80.0 b	94.7 abc	99.0 a	0.0 c	83.3 c	94.7 bc
	BRAKE	1.2 SL	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
5	PROWL H20	3.8 SC	PRE	A		5.0 b	80.0 de	76.7 b	94.7 abc	99.0 a	1.7 bc	83.3 c	94.7 bc
	BRAKE	1.2 SL	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
6	PROWL H20	3.8 SC	PRE	A		13.3 a	86.7 cd	80.0 b	97.7 a	99.0 a	3.3 b	86.7 bc	99.0 a
	BRAKE	1.2 SL	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
7	PROWL H20	3.8 SC	PRE	A		15.0 a	94.3 abc	76.7 b	97.7 a	99.0 a	3.3 b	96.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
8	PROWL H20	3.8 SC	PRE	A		1.7 bc	94.7 abc	99.0 a	99.0 a	99.0 a	0.0 c	94.7 ab	99.0 a
	BRAKE	1.2 SL	PRE	A									
	STRONGARM	84 WG	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
9	DUAL MAGNUM	7.62 SC	PRE	A		3.3 bc	99.0 a	97.7 a	89.7 c	99.0 a	0.0 c	99.0 a	99.0 a
	BRAKE	1.2 SL	PRE	A									
	STRONGARM	84 WG	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	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=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2
Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

					----- Arahy	Amapa -----	Rapra -----	Agrass -----	Molve -----	----- Arahy	Amapa -----	Rapra -----	
					Bleachin %	Control %	Control %	Control %	Control %	Bleachin %	Control %	Control %	
					Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-15-21	Jun-15-21	Jun-15-21	
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	8	9	10	11	12	13	14	15
10	WARRANT BRAKE	3 ME	PRE	A		5.0 b	97.7 a	97.7 a	97.7 a	99.0 a	1.7 bc	97.7 a	99.0 a
	STRONGARM	84 WG	PRE	A									
	CADRE	2 AS	POST	B									
	WARRANT	3 ME	POST	B									
	2,4-DB	2 SL	POST	B									
	INDUCE		POST	B									
11	OUTLOOK BRAKE	6 EC	PRE	A		1.7 bc	99.0 a	99.0 a	97.7 a	99.0 a	0.0 c	99.0 a	99.0 a
	STRONGARM	84 WG	PRE	A									
	CADRE	2 AS	POST	B									
	OUTLOOK	6 EC	POST	B									
	2,4-DB	2 SL	POST	B									
12	PROWL H20 BRAKE	3.8 SC	PRE	A		15.0 a	96.3 ab	84.7 b	96.0 ab	99.0 a	6.7 a	97.7 a	97.7 ab
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
13	PROWL H20 BRAKE	3.8 SC	PRE	A		3.3 bc	94.7 abc	80.0 b	94.7 abc	99.0 a	0.0 c	96.3 a	97.7 ab
	TRIFLUDIMOXAZIN	4.17 SC	PRE	A									
	CADRE	2 AS	POST	B									
	DUAL MAGNUM	7.62 EC	POST	B									
	2,4-DB	2 SL	POST	B									
14	NTC					0.0 c	0.0 f	0.0 c	0.0 d	0.0 b	0.0 c	0.0 d	0.0 d
LSD P=.10						4.27	8.53	12.32	5.67	.	2.48	8.02	3.80
Standard Deviation						3.06	6.12	8.85	4.07	0.00	1.78	5.76	2.73
CV						59.85	7.78	11.81	4.96	0.0	149.31	7.22	3.26
Grand Mean						5.12	78.69	74.93	82.12	84.86	1.19	79.71	83.62
Bartlett's X2^						9.43	23.756	19.456	18.908	.	56.068	25.675	35.532
P(Bartlett's X2)						0.74	0.033*	0.11	0.126	.	0.00*	0.019*	0.001*

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 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Agrass	Molve	Amapa	Agrass	Amapa	Agrass	-----				
Crop Code	-----	-----	-----	-----	-----	-----	ARAHY				
Part Rated							DIRTY, -				
Rating Data Type	Control	Control	Control	Control	Control	Control	YIELD				
Rating Unit	%	%	%	%	%	%	LBS/PLOT				
Rating Date	Jun-15-21	Jun-15-21	Jul-7-21	Jul-7-21	Aug-9-21	Aug-9-21	Sep-29-21				
Trt Treatment No. Name	Form Conc	Form Type	Grow Stg	Appl Code	16	17	18	19	20	21	22
1 NTC					0.0 c	0.0 c	0.0 e	0.0 c	0.0 d	0.0 c	0.0 c
2 PROWL H20	3.8 SC	PRE	A		99.0 a	99.0 a	99.0 a	97.7 b	99.0 a	93.0 ab	17.4 ab
VALOR EZ	4 SC	PRE	A								
STRONGARM	84 WG	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
3 PROWL H20	3.8 SC	PRE	A		99.0 a	99.0 a	73.3 d	99.0 a	63.3 c	96.3 ab	17.4 ab
BRAKE	1.2 SL	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
4 PROWL H20	3.8 SC	PRE	A		94.7 b	99.0 a	78.3 cd	99.0 a	78.3 b	97.7 a	18.6 a
BRAKE	1.2 SL	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
5 PROWL H20	3.8 SC	PRE	A		99.0 a	99.0 a	83.3 cd	99.0 a	75.0 b	97.7 a	18.1 ab
BRAKE	1.2 SL	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
6 PROWL H20	3.8 SC	PRE	A		99.0 a	99.0 a	86.7 bc	99.0 a	73.3 bc	97.7 a	17.3 ab
BRAKE	1.2 SL	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
7 PROWL H20	3.8 SC	PRE	A		99.0 a	99.0 a	94.7 ab	99.0 a	89.7 a	97.7 a	17.7 ab
BRAKE	1.2 SL	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
8 PROWL H20	3.8 SC	PRE	A		99.0 a	69.0 b	95.0 ab	99.0 a	95.0 a	89.7 b	16.9 ab
BRAKE	1.2 SL	PRE	A								
STRONGARM	84 WG	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								
9 DUAL MAGNUM	7.62 SC	PRE	A		96.3 b	99.0 a	99.0 a	99.0 a	97.7 a	97.7 a	17.4 ab
BRAKE	1.2 SL	PRE	A								
STRONGARM	84 WG	PRE	A								
CADRE	2 AS	POST	B								
DUAL MAGNUM	7.62 EC	POST	B								
2,4-DB	2 SL	POST	B								

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 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Agrass	Molve	Amapa	Agrass	Amapa	Agrass	----- ARAHY DIRTY, - YIELD LBS/PLOT Sep-29-21				
Crop Code	-----	-----	-----	-----	-----	-----					
Part Rated											
Rating Data Type	Control	Control	Control	Control	Control	Control					
Rating Unit	%	%	%	%	%	%					
Rating Date	Jun-15-21	Jun-15-21	Jul-7-21	Jul-7-21	Aug-9-21	Aug-9-21					
Trt Treatment No. Name	Form Conc	Form Type	Grow Stg	Appl Code	16	17	18	19	20	21	22
10 WARRANT BRAKE STRONGARM CADRE WARRANT 2,4-DB INDUCE	3 ME 1.2 SL 84 WG 2 AS 3 ME 2 SL	PRE PRE PRE AS POST POST POST	A A A B B B	A A A B B B	99.0 a	99.0 a	97.7 a	97.7 b	97.7 a	89.7 b	18.5 a
11 OUTLOOK BRAKE STRONGARM CADRE OUTLOOK 2,4-DB	6 EC 1.2 SL 84 WG 2 AS 6 EC 2 SL	PRE PRE PRE AS POST POST	A A A B B B	A A A B B B	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	18.3 a
12 PROWL H20 BRAKE CADRE DUAL MAGNUM 2,4-DB	3.8 SC 1.2 SL 2 AS 7.62 EC 2 SL	PRE PRE AS POST POST	A A B B B	A A B B B	99.0 a	99.0 a	97.7 a	99.0 a	97.7 a	99.0 a	16.9 ab
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	PRE PRE SC AS POST POST	A A A B B B	A A A B B B	99.0 a	99.0 a	99.0 a	99.0 a	95.0 a	97.7 a	16.0 b
14 NTC					0.0 c	0.0 c	0.0 e	0.0 c	0.0 d	0.0 c	0.0 c
LSD P=.10	1.84	19.34	10.17	1.24	11.27	7.64	2.10				
Standard Deviation	1.32	13.89	7.31	0.89	8.09	5.49	1.50				
CV	1.56	16.79	9.28	1.05	10.68	6.66	9.98				
Grand Mean	84.36	82.71	78.76	84.67	75.76	82.33	15.04				
Bartlett's X2^	35.363	52.232	21.844	60.62	27.097	27.63	.				
P(Bartlett's X2)	0.001*	0.00*	0.058	0.00*	0.012*	0.01*	.				

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 Missing data estimates are included in columns: Average=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					----- ARAHY CLEAN, - YIELD LBS/PLOT Sep-29-21	----- ARAHY CLEAN, - YIELD LBS/A Sep-29-21
Crop Code						
Part Rated						
Rating Data Type						
Rating Unit						
Rating Date						
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	
1	NTC					0.0 c 0 c
2	PROWL H20	3.8	SC	PRE	A	17.0 ab 5003 ab
	VALOR EZ	4	SC	PRE	A	
	STRONGARM	84	WG	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM 2,4-DB	7.62	EC	POST	B	
3	PROWL H20	3.8	SC	PRE	A	17.1 ab 5012 ab
	BRAKE	1.2	SL	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM	7.62	EC	POST	B	
	2,4-DB	2	SL	POST	B	
4	PROWL H20	3.8	SC	PRE	A	18.2 a 5358 a
	BRAKE	1.2	SL	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM	7.62	EC	POST	B	
	2,4-DB	2	SL	POST	B	
5	PROWL H20	3.8	SC	PRE	A	17.7 ab 5214 ab
	BRAKE	1.2	SL	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM	7.62	EC	POST	B	
	2,4-DB	2	SL	POST	B	
6	PROWL H20	3.8	SC	PRE	A	17.0 ab 4993 ab
	BRAKE	1.2	SL	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM	7.62	EC	POST	B	
	2,4-DB	2	SL	POST	B	
7	PROWL H20	3.8	SC	PRE	A	17.4 ab 5108 ab
	BRAKE	1.2	SL	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM	7.62	EC	POST	B	
	2,4-DB	2	SL	POST	B	
8	PROWL H20	3.8	SC	PRE	A	16.6 ab 4868 ab
	BRAKE	1.2	SL	PRE	A	
	STRONGARM	84	WG	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM 2,4-DB	7.62	EC	POST	B	
9	DUAL MAGNUM	7.62	SC	PRE	A	17.1 ab 5012 ab
	BRAKE	1.2	SL	PRE	A	
	STRONGARM	84	WG	PRE	A	
	CADRE	2	AS	POST	B	
	DUAL MAGNUM 2,4-DB	7.62	EC	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=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 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 CLEAN, - YIELD LBS/PLOT Sep-29-21	----- ARAHY CLEAN, - YIELD LBS/A Sep-29-21
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	
						23 24
10	WARRANT BRAKE	3 ME	PRE	PRE	A	18.1 a 5320 a
	STRONGARM	1.2 SL	PRE	PRE	A	
	CADRE	84 WG	PRE	PRE	A	
	WARRANT	2 AS	POST	POST	B	
	2,4-DB	3 ME	POST	POST	B	
	INDUCE	2 SL	POST	POST	B	
11	OUTLOOK BRAKE	6 EC	PRE	PRE	A	17.9 a 5272 a
	STRONGARM	1.2 SL	PRE	PRE	A	
	CADRE	84 WG	PRE	PRE	A	
	OUTLOOK	2 AS	POST	POST	B	
	2,4-DB	6 EC	POST	POST	B	
		2 SL	POST	POST	B	
12	PROWL H20 BRAKE	3.8 SC	PRE	PRE	A	16.6 ab 4868 ab
	CADRE	1.2 SL	PRE	PRE	A	
	DUAL MAGNUM	2 AS	POST	POST	B	
	2,4-DB	7.62 EC	POST	POST	B	
		2 SL	POST	POST	B	
13	PROWL H20 BRAKE	3.8 SC	PRE	PRE	A	15.7 b 4619 b
	TRIFLUDIMOXAZIN	1.2 SL	PRE	PRE	A	
	CADRE	4.17 SC	PRE	PRE	A	
	DUAL MAGNUM	2 AS	POST	POST	B	
	2,4-DB	7.62 EC	POST	POST	B	
		2 SL	POST	POST	B	
14	NTC					0.0 c 0 c
	LSD P=.10					2.05 604.0
	Standard Deviation					1.47 432.4
	CV					9.98 9.98
	Grand Mean					14.74 4332.0
	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=22,23,24
 Could not calculate LSD (% mean diff) for columns 6,12 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH BRAKE YEAR 2						
Trial ID: PE-08-21		Study Dir.: KYLE BRISCOE/CHAD ABBOTT				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For ----- Arahy Stunt % May-24-21 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	90.476190				
Replicate	2	1.190476	0.595238	0.317	0.7311	
Treatment	13	40.476190	3.113553	1.659	0.1319	
Error	26	48.809524	1.877289			
Randomized Complete Block (RCB) AOV For ----- Arahy Bleachin % May-24-21 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	624.404762				
Replicate	2	1.190476	0.595238	0.157	0.8558	
Treatment	13	524.404762	40.338828	10.614	0.0001	
Error	26	98.809524	3.800366			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % May-24-21 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	49182.404762				
Replicate	2	12.333333	6.166667	1.053	0.3635	
Treatment	13	49017.738095	3770.595238	643.559	0.0001	
Error	26	152.333333	5.858974			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % May-24-21 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	44918.976190				
Replicate	2	484.333333	242.166667	1.810	0.1836	
Treatment	13	40956.309524	3150.485348	23.549	0.0001	
Error	26	3478.333333	133.782051			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-24-21 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	49327.619048				
Replicate	2	32.190476	16.095238	4.558	0.0201	
Treatment	13	49203.619048	3784.893773	1071.863	0.0001	
Error	26	91.809524	3.531136			
Randomized Complete Block (RCB) AOV For Molve ----- Control % May-24-21 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	50405.142857				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	13	50405.142857	3877.318681	0.000	1.0000	
Error	26	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Rchsc ----- Control % May-24-21 (Data Column 7)						
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 ----- Arahy Bleachin % Jun-2-21 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	1424.404762				
Replicate	2	72.619048	36.309524	3.868	0.0338	
Treatment	13	1107.738095	85.210623	9.078	0.0001	
Error	26	244.047619	9.386447			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-2-21 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	46642.976190				
Replicate	2	119.619048	59.809524	1.596	0.2219	
Treatment	13	45548.976190	3503.767399	93.493	0.0001	
Error	26	974.380952	37.476190			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-2-21 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	44712.785714				
Replicate	2	249.571429	124.785714	1.593	0.2225	
Treatment	13	42426.785714	3263.598901	41.668	0.0001	
Error	26	2036.428571	78.324176			

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WEED CONTROL IN PEANUT WITH BRAKE						
YEAR 2						
Trial ID: PE-08-21		Study Dir.: KYLE BRISCOE/CHAD ABBOTT				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-2-21 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	47992.404762				
Replicate	2	68.761905	34.380952	2.073	0.1461	
Treatment	13	47492.404762	3653.261905	220.261	0.0001	
Error	26	431.238095	16.586081			
Randomized Complete Block (RCB) AOV For Molve ----- Control % Jun-2-21 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	50405.142857				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	13	50405.142857	3877.318681	0.000	1.0000	
Error	26	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For ----- Arahy Bleachin % Jun-15-21 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	240.476190				
Replicate	2	1.190476	0.595238	0.188	0.8294	
Treatment	13	157.142857	12.087912	3.826	0.0017	
Error	26	82.142857	3.159341			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-15-21 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	46908.571429				
Replicate	2	81.000000	40.500000	1.221	0.3113	
Treatment	13	45965.238095	3535.787546	106.607	0.0001	
Error	26	862.333333	33.166667			
Randomized Complete Block (RCB) AOV For Rapra ----- Control % Jun-15-21 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	49307.904762				
Replicate	2	12.904762	6.452381	0.866	0.4325	
Treatment	13	49101.238095	3777.018315	506.820	0.0001	
Error	26	193.761905	7.452381			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-15-21 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	49929.642857				
Replicate	2	6.142857	3.071429	1.767	0.1907	
Treatment	13	49878.309524	3836.793040	2207.470	0.0001	
Error	26	45.190476	1.738095			
Randomized Complete Block (RCB) AOV For Molve ----- Control % Jun-15-21 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	55766.571429				
Replicate	2	385.714286	192.857143	1.000	0.3816	
Treatment	13	50366.571429	3874.351648	20.089	0.0001	
Error	26	5014.285714	192.857143			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jul-7-21 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	47747.619048				
Replicate	2	190.904762	95.452381	1.788	0.1872	
Treatment	13	46168.952381	3551.457875	66.537	0.0001	
Error	26	1387.761905	53.375458			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jul-7-21 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	50209.333333				
Replicate	2	0.761905	0.380952	0.481	0.6233	
Treatment	13	50188.000000	3860.615385	4879.389	0.0001	
Error	26	20.571429	0.791209			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Aug-9-21 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	41	47163.619048				
Replicate	2	160.333333	80.166667	1.224	0.3103	
Treatment	13	45300.952381	3484.688645	53.222	0.0001	
Error	26	1702.333333	65.474359			

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Agrass ----- Control % Aug-9-21 (Data Column 21)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	41	48663.333333			
Replicate	2	57.333333	28.666667	0.952	0.3989
Treatment	13	47823.333333	3678.717949	122.206	0.0001
Error	26	782.666667	30.102564		

Randomized Complete Block (RCB) AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Sep-29-21 (Data Column 22)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	1657.299048			
Replicate	2	1.877619	0.938810	0.417	0.6639
Treatment	13	1601.345714	123.180440	54.670	0.0001
Error	24	54.075714	2.253155		

Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Sep-29-21 (Data Column 23)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	1591.670005			
Replicate	2	1.803265	0.901633	0.417	0.6639
Treatment	13	1537.932424	118.302494	54.670	0.0001
Error	24	51.934316	2.163930		

Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/A Sep-29-21 (Data Column 24)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	39	137530173.631067			
Replicate	2	155813.324097	77906.662048	0.417	0.6639
Treatment	13	132886912.863118	10222070.220240	54.670	0.0001
Error	24	4487447.443853	186976.976827		

Weed Code
 Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
 Rapra = RADISH, WILD / RAPHANUS RAPHANISTRUM L.
 Molve = CARPETWEED / MOLLUGO VERTICILLATA L.
 Rchsc = PUSLEY, FLORIDA / RICHARDIA SCABRA L.

PRM Data Type
 T1 = [22]*0.98
 TY2 = 293.94933333*[23]

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

					----- Arahy	----- Arahy	----- Amapa	----- Rapra	----- Agrass	----- Molve	
					Stunt %	Bleachin %	Control %	Control %	Control %	Control %	
					May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code Plot	1	2	3	4	5	6
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	PRE	A 102	0.0	0.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	PRE	A 208	5.0	0.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	PRE	A 301	0.0	0.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	POST	B						
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	1.7	0.0	99.0	99.0	99.0	99.0
3	PROWL H20	3.8	SC	PRE	A 103	0.0	5.0	90.0	85.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A 211	0.0	0.0	85.0	50.0	99.0	99.0
	CADRE	2	AS	POST	B 304	0.0	0.0	99.0	90.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	1.7	91.3	75.0	99.0	99.0
4	PROWL H20	3.8	SC	PRE	A 104	0.0	5.0	95.0	90.0	90.0	99.0
	BRAKE	1.2	SL	PRE	A 214	0.0	5.0	99.0	65.0	95.0	99.0
	CADRE	2	AS	POST	B 303	0.0	5.0	99.0	85.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	5.0	97.7	80.0	94.7	99.0
5	PROWL H20	3.8	SC	PRE	A 105	0.0	5.0	95.0	75.0	95.0	99.0
	BRAKE	1.2	SL	PRE	A 209	0.0	5.0	99.0	50.0	99.0	99.0
	CADRE	2	AS	POST	B 306	0.0	5.0	99.0	90.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	5.0	97.7	71.7	97.7	99.0
6	PROWL H20	3.8	SC	PRE	A 106	0.0	5.0	99.0	75.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A 203	0.0	10.0	95.0	85.0	99.0	99.0
	CADRE	2	AS	POST	B 310	0.0	5.0	95.0	80.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	6.7	96.3	80.0	99.0	99.0
7	PROWL H20	3.8	SC	PRE	A 107	0.0	5.0	99.0	75.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A 213	0.0	10.0	95.0	65.0	99.0	99.0
	CADRE	2	AS	POST	B 309	0.0	10.0	99.0	85.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	8.3	97.7	75.0	99.0	99.0
8	PROWL H20	3.8	SC	PRE	A 108	5.0	0.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A 201	0.0	5.0	99.0	95.0	99.0	99.0
	STRONGARM	84	WG	PRE	A 312	5.0	5.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	POST	B						
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	3.3	3.3	99.0	96.3	99.0	99.0

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						----- Arahy	----- Arahy	Amapa -----	Rapra -----	Agrass -----	Molve -----
Crop Code											
Part Rated											
Rating Data Type						Stunt %	Bleachin %	Control %	Control %	Control %	Control %
Rating Unit											
Rating Date						May-24-21	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code Plot	1	2	3	4	5	6
9	DUAL MAGNUM	7.62	SC	PRE	A 109	0.0	0.0	99.0	99.0	95.0	99.0
	BRAKE	1.2	SL	PRE	A 212	0.0	0.0	99.0	90.0	95.0	99.0
	STRONGARM	84	WG	PRE	A 314	0.0	5.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	POST	B						
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	1.7	99.0	94.7	96.3	99.0
10	WARRANT	3	ME	PRE	A 110	0.0	5.0	99.0	95.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A 202	5.0	5.0	99.0	95.0	95.0	99.0
	STRONGARM	84	WG	PRE	A 308	0.0	5.0	99.0	95.0	99.0	99.0
	CADRE	2	AS	POST	B						
	WARRANT	3	ME	POST	B						
	2,4-DB	2	SL	POST	B						
	INDUCE			POST	B						
					Mean =	1.7	5.0	99.0	95.0	97.7	99.0
11	OUTLOOK	6	EC	PRE	A 111	0.0	0.0	99.0	95.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A 204	0.0	0.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	PRE	A 302	0.0	0.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	POST	B						
	OUTLOOK	6	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	0.0	99.0	97.7	99.0	99.0
12	PROWL H2O	3.8	SC	PRE	A 112	0.0	15.0	99.0	65.0	95.0	99.0
	BRAKE	1.2	SL	PRE	A 205	0.0	10.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	POST	B 307	0.0	10.0	95.0	85.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	11.7	97.7	83.0	97.7	99.0
13	PROWL H2O	3.8	SC	PRE	A 113	0.0	0.0	95.0	50.0	90.0	99.0
	BRAKE	1.2	SL	PRE	A 207	0.0	0.0	95.0	85.0	95.0	99.0
	TRIFLUDIMOXAZIN	4.17	SC	PRE	A 305	0.0	0.0	99.0	90.0	99.0	99.0
	CADRE	2	AS	POST	B						
	DUAL MAGNUM	7.62	EC	POST	B						
	2,4-DB	2	SL	POST	B						
					Mean =	0.0	0.0	96.3	75.0	94.7	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 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

					Rchsc	-----	Amapa	Rapra	Agrass	Molve	-----		
					-----	Arahy	-----	-----	-----	-----	Arahy		
					Control	Bleachin	Control	Control	Control	Control	Bleachin		
					%	%	%	%	%	%	%		
					May-24-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-15-21		
Trt	Treatment	Form	Form	Grow	Appl								
No.	Name	Conc	Type	Stg	Code	Plot	7	8	9	10	11	12	13
1	NTC					101	0.0	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	0.0
						313	0.0	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	0.0
2	PROWL H20	3.8	SC	PRE	A	102	99.0	0.0	99.0	99.0	99.0	99.0	0.0
	VALOR EZ	4	SC	PRE	A	208	99.0	5.0	95.0	95.0	99.0	99.0	0.0
	STRONGARM	84	WG	PRE	A	301	99.0	0.0	99.0	99.0	99.0	99.0	0.0
	CADRE	2	AS	POST	B								
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	1.7	97.7	97.7	99.0	99.0	0.0
3	PROWL H20	3.8	SC	PRE	A	103	99.0	5.0	65.0	85.0	99.0	99.0	0.0
	BRAKE	1.2	SL	PRE	A	211	99.0	5.0	65.0	65.0	85.0	99.0	0.0
	CADRE	2	AS	POST	B	304	99.0	5.0	90.0	90.0	90.0	99.0	0.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	5.0	73.3	80.0	91.3	99.0	0.0
4	PROWL H20	3.8	SC	PRE	A	104	95.0	0.0	85.0	90.0	95.0	99.0	0.0
	BRAKE	1.2	SL	PRE	A	214	99.0	0.0	95.0	65.0	90.0	99.0	0.0
	CADRE	2	AS	POST	B	303	99.0	5.0	85.0	85.0	99.0	99.0	0.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	97.7	1.7	88.3	80.0	94.7	99.0	0.0
5	PROWL H20	3.8	SC	PRE	A	105	99.0	5.0	65.0	75.0	99.0	99.0	0.0
	BRAKE	1.2	SL	PRE	A	209	99.0	0.0	85.0	65.0	90.0	99.0	0.0
	CADRE	2	AS	POST	B	306	99.0	10.0	90.0	90.0	95.0	99.0	5.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	5.0	80.0	76.7	94.7	99.0	1.7
6	PROWL H20	3.8	SC	PRE	A	106	99.0	10.0	85.0	80.0	99.0	99.0	5.0
	BRAKE	1.2	SL	PRE	A	203	99.0	10.0	85.0	85.0	95.0	99.0	5.0
	CADRE	2	AS	POST	B	310	99.0	20.0	90.0	75.0	99.0	99.0	0.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	13.3	86.7	80.0	97.7	99.0	3.3
7	PROWL H20	3.8	SC	PRE	A	107	99.0	10.0	99.0	80.0	99.0	99.0	5.0
	BRAKE	1.2	SL	PRE	A	213	99.0	15.0	85.0	65.0	95.0	99.0	0.0
	CADRE	2	AS	POST	B	309	99.0	20.0	99.0	85.0	99.0	99.0	5.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	15.0	94.3	76.7	97.7	99.0	3.3
8	PROWL H20	3.8	SC	PRE	A	108	99.0	0.0	90.0	99.0	99.0	99.0	0.0
	BRAKE	1.2	SL	PRE	A	201	99.0	0.0	99.0	99.0	99.0	99.0	0.0
	STRONGARM	84	WG	PRE	A	312	99.0	5.0	95.0	99.0	99.0	99.0	0.0
	CADRE	2	AS	POST	B								
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	1.7	94.7	99.0	99.0	99.0	0.0

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Amapa	Rapra	Agrass	Molve	Amapa	Agrass	Amapa						
Crop Code	-----	-----	-----	-----	-----	-----	-----						
Part Rated													
Rating Data Type	Control	Control	Control	Control	Control	Control	Control						
Rating Unit	%	%	%	%	%	%	%						
Rating Date	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jul-7-21	Jul-7-21	Aug-9-21						
Trt No.	Treatment Name	Form Conc	Form Type	Grow Stg	Appl Code	Plot	14	15	16	17	18	19	20
1	NTC					101	0.0	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	0.0
						313	0.0	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	0.0
2	PROWL H20	3.8	SC	PRE	A	102	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	PRE	A	208	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	PRE	A	301	99.0	99.0	99.0	99.0	99.0	95.0	99.0
	CADRE	2	AS	POST	B								
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	99.0	99.0	99.0	99.0	99.0	97.7	99.0
3	PROWL H20	3.8	SC	PRE	A	103	80.0	99.0	99.0	99.0	65.0	99.0	65.0
	BRAKE	1.2	SL	PRE	A	211	80.0	85.0	99.0	99.0	65.0	99.0	50.0
	CADRE	2	AS	POST	B	304	90.0	95.0	99.0	99.0	90.0	99.0	75.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	83.3	93.0	99.0	99.0	73.3	99.0	63.3
4	PROWL H20	3.8	SC	PRE	A	104	75.0	99.0	95.0	99.0	65.0	99.0	65.0
	BRAKE	1.2	SL	PRE	A	214	95.0	90.0	90.0	99.0	95.0	99.0	95.0
	CADRE	2	AS	POST	B	303	80.0	95.0	99.0	99.0	75.0	99.0	75.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	83.3	94.7	94.7	99.0	78.3	99.0	78.3
5	PROWL H20	3.8	SC	PRE	A	105	65.0	90.0	99.0	99.0	65.0	99.0	65.0
	BRAKE	1.2	SL	PRE	A	209	90.0	95.0	99.0	99.0	90.0	99.0	65.0
	CADRE	2	AS	POST	B	306	95.0	99.0	99.0	99.0	95.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	83.3	94.7	99.0	99.0	83.3	99.0	75.0
6	PROWL H20	3.8	SC	PRE	A	106	85.0	99.0	99.0	99.0	80.0	99.0	75.0
	BRAKE	1.2	SL	PRE	A	203	85.0	99.0	99.0	99.0	85.0	99.0	65.0
	CADRE	2	AS	POST	B	310	90.0	99.0	99.0	99.0	95.0	99.0	80.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	86.7	99.0	99.0	99.0	86.7	99.0	73.3
7	PROWL H20	3.8	SC	PRE	A	107	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	BRAKE	1.2	SL	PRE	A	213	90.0	99.0	99.0	99.0	90.0	99.0	75.0
	CADRE	2	AS	POST	B	309	99.0	99.0	99.0	99.0	95.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	96.0	99.0	99.0	99.0	94.7	99.0	89.7
8	PROWL H20	3.8	SC	PRE	A	108	95.0	99.0	99.0	99.0	95.0	99.0	95.0
	BRAKE	1.2	SL	PRE	A	201	99.0	99.0	99.0	99.0	95.0	99.0	95.0
	STRONGARM	84	WG	PRE	A	312	90.0	99.0	99.0	9.0	95.0	99.0	95.0
	CADRE	2	AS	POST	B								
	DUAL MAGNUM	7.62	EC	POST	B								
	2,4-DB	2	SL	POST	B								
						Mean =	94.7	99.0	99.0	69.0	95.0	99.0	95.0

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

					Agrass ----- Control % Aug-9-21	----- ARAHY DIRTY, - YIELD LBS/PLOT Sep-29-21	----- ARAHY CLEAN, - YIELD LBS/PLOT Sep-29-21	----- ARAHY CLEAN, - YIELD LBS/A Sep-29-21
Trt No.	Treatment Name	Form Conc	Grow Type	Appl Stg Code Plot	21	22	23	24
1	NTC			101	0.0	0.0	0.0	0
				206	0.0	0.0	0.0	0
				313	0.0	0.0	0.0	0
				Mean =	0.0	0.0	0.0	0
2	PROWL H20	3.8 SC	PRE	A 102	95.0	17.5	17.2	5041
	VALOR EZ	4 SC	PRE	A 208	99.0	18.9	18.5	5445
	STRONGARM	84 WG	PRE	A 301	85.0	15.7	15.4	4523
	CADRE	2 AS	POST	B				
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	93.0	17.4	17.0	5003
3	PROWL H20	3.8 SC	PRE	A 103	95.0	18.1	17.7	5214
	BRAKE	1.2 SL	PRE	A 211	95.0	14.8	14.5	4263
	CADRE	2 AS	POST	B 304	99.0	19.3	18.9	5560
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	96.3	17.4	17.1	5012
4	PROWL H20	3.8 SC	PRE	A 104	95.0	16.9	16.6	4868
	BRAKE	1.2 SL	PRE	A 214	99.0	20.5	20.1	5905
	CADRE	2 AS	POST	B 303	99.0	18.4	18.0	5300
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	97.7	18.6	18.2	5358
5	PROWL H20	3.8 SC	PRE	A 105	95.0	.	.	.
	BRAKE	1.2 SL	PRE	A 209	99.0	17.6	17.2	5070
	CADRE	2 AS	POST	B 306	99.0	18.6	18.2	5358
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	97.7	18.1	17.7	5214
6	PROWL H20	3.8 SC	PRE	A 106	99.0	15.9	15.6	4580
	BRAKE	1.2 SL	PRE	A 203	99.0	17.7	17.3	5099
	CADRE	2 AS	POST	B 310	95.0	18.4	18.0	5300
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	97.7	17.3	17.0	4993
7	PROWL H20	3.8 SC	PRE	A 107	99.0	18.4	18.0	5300
	BRAKE	1.2 SL	PRE	A 213	99.0	16.8	16.5	4840
	CADRE	2 AS	POST	B 309	95.0	18.0	17.6	5185
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	97.7	17.7	17.4	5108
8	PROWL H20	3.8 SC	PRE	A 108	99.0	18.6	18.2	5358
	BRAKE	1.2 SL	PRE	A 201	75.0	.	.	.
	STRONGARM	84 WG	PRE	A 312	95.0	15.2	14.9	4379
	CADRE	2 AS	POST	B				
	DUAL MAGNUM	7.62 EC	POST	B				
	2,4-DB	2 SL	POST	B				
				Mean =	89.7	16.9	16.6	4868

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 Study Dir.: KYLE BRISCOE/CHAD ABBOTT
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Agrass	-----	-----	-----	
Crop Code	-----	ARAHY	ARAHY	ARAHY	
Part Rated		DIRTY, -	CLEAN, -	CLEAN, -	
Rating Data Type	Control	YIELD	YIELD	YIELD	
Rating Unit	%	LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date	Aug-9-21	Sep-29-21	Sep-29-21	Sep-29-21	
Trt Treatment	Form Conc	Form Type	Grow Stg	Appl Code	Plot
No. Name					
9 DUAL MAGNUM	7.62	SC	PRE	A	109
BRAKE	1.2	SL	PRE	A	212
STRONGARM	84	WG	PRE	A	314
CADRE	2	AS	POST	B	
DUAL MAGNUM	7.62	EC	POST	B	
2,4-DB	2	SL	POST	B	
Mean =	97.7				
10 WARRANT	3	ME	PRE	A	110
BRAKE	1.2	SL	PRE	A	202
STRONGARM	84	WG	PRE	A	308
CADRE	2	AS	POST	B	
WARRANT	3	ME	POST	B	
2,4-DB	2	SL	POST	B	
INDUCE			POST	B	
Mean =	89.7				
11 OUTLOOK	6	EC	PRE	A	111
BRAKE	1.2	SL	PRE	A	204
STRONGARM	84	WG	PRE	A	302
CADRE	2	AS	POST	B	
OUTLOOK	6	EC	POST	B	
2,4-DB	2	SL	POST	B	
Mean =	99.0				
12 PROWL H2O	3.8	SC	PRE	A	112
BRAKE	1.2	SL	PRE	A	205
CADRE	2	AS	POST	B	307
DUAL MAGNUM	7.62	EC	POST	B	
2,4-DB	2	SL	POST	B	
Mean =	99.0				
13 PROWL H2O	3.8	SC	PRE	A	113
BRAKE	1.2	SL	PRE	A	207
TRIFLUDIMOXAZIN	4.17	SC	PRE	A	305
CADRE	2	AS	POST	B	
DUAL MAGNUM	7.62	EC	POST	B	
2,4-DB	2	SL	POST	B	
Mean =	97.7				
14 NTC					114
					210
					311
Mean =	0.0				0

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WEED CONTROL IN PEANUT WITH BRAKE
YEAR 2

Trial ID: PE-08-21 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.
Molve = CARPETWEED / MOLLUGO VERTICILLATA L.
Rchsc = PUSLEY, FLORIDA / RICHARDIA SCABRA L.

PRM Data Type

T1 = [22]*0.98
TY2 = 293.94933333*[23]