

University of Georgia

WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 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
1	NTC								-	101	205	310
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A	15 GPA	18.75 mL/mx	1471.9 mL	102	203	301
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A	15 GPA	2.344 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	C	15 GAL/AC	3.125 mL/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx				
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx				
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1471.9 mL	103	208	307
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A	15 GPA	2.344 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	C	15 GAL/AC	3.125 mL/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx				
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C	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	1471.9 mL	104	202	311
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A	15 GPA	2.344 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	C	15 GAL/AC	3.125 mL/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C	15 GAL/AC	12.5 mL/mx				
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C	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	1496.1 mL	105	204	303
	STRONGARM	84 WG		0.225 oz/a	EPOST	B	15 GAL/AC	0.1685 g/mx				
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx				
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1496.1 mL	106	201	312
	STRONGARM	84 WG		0.25 oz/a	EPOST	B	15 GAL/AC	0.1872 g/mx				
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx				
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1496.0 mL	107	212	302
	STRONGARM	84 WG		0.30 oz/a	EPOST	B	15 GAL/AC	0.2247 g/mx				
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx				
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1495.9 mL	108	209	306
	STRONGARM	84 WG		0.45 oz/a	EPOST	B	15 GAL/AC	0.337 g/mx				
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx				
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1493.1 mL	109	207	309
	CADRE	2 AS		4.0 oz/a	EPOST	B	15 GAL/AC	3.125 mL/mx				
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx				
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1496.1 mL	110	211	305
	STRONGARM	84 WG		0.225 oz/a	EPOST	B	15 GAL/AC	0.1685 g/mx				
	INDUCE			0.25 % v/v	EPOST	B	15 GAL/AC	3.75 mL/mx				
	STRONGARM	84 WG		0.225 oz/a	POST	C	15 GAL/AC	0.1685 g/mx				
11	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1487.3 mL	111	210	304
	STRONGARM	84 WG		0.30 oz/a	EPOST	B	15 GAL/AC	0.2247 g/mx				
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	B	15 GAL/AC	12.5 mL/mx				
12	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	15 GPA	25.0 mL/mx	1489.8 mL	112	206	308
	STRONGARM	84 WG		0.30 oz/a	EPOST	B	15 GAL/AC	0.2247 g/mx				
	OUTLOOK	6 EC		12.8 oz/a	EPOST	B	15 GAL/AC	10.0 mL/mx				

Sort Order: Treatment

Trial Comments

DIGGING DATE: 09/24/21
 HARVEST DATE: 09/29/21
 HARVEST MOISTURE: 10%
 YIELDS ADJUSTED TO 10%
 2% DEDUCTION FOR FM.

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN
AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
Location: PONDER FARM Investigator: Eric P. Prostko

SUMMARY:

- 1) GENERALLY, THERE WAS NO DIFFERENCE IN WEED CONTROL OR YIELD BETWEEN PROWL AND SONALAN WEED CONTROL PROGRAMS.
- 2) POST APPLICATIONS OF STRONGARM CAUSED TRANSITORY PEANUT CHLOROSIS.
- 3) POST APPLICATIONS OF STRONGARM PROVIDED EXCELLENT (>95%) CONTROL OF WILD RADISH AND SMALLFLOWER MG.
- 4) ALL PROWL (PRE) FB STRONGARM (EPOST/POST) TREATMENTS RESULTED IN GREATER YIELDS THAN THE NTC. THE ONLY OBSERVED DIFFERENCE IN YIELD BETWEEN TREATMENTS WERE AS FOLLOWS:
 - A) PROWL (PRE) FB STRONGARM @ 0.225 (EPOST) HAD LOWER YIELDS THAN THE FULL SONALAN OR PROWL PROGRAMS.
 - B) PROWL (PRE) FB STRONGARM @ 0.30 OZ/A + DUAL MAGNUM @ 16 OZ/A (EPOST) HAD LOWER YIELDS THAN PROWL (PRE) FB CADRE (EPOST).

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 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: S. TAYLOR/J. RICHBURG **Title:** _____
Affiliation: _____
Postal Code: _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____
Postal Code: _____

TRIAL LOCATION

City: _____ **Trial Status:** E
State/Prov.: _____ **Trial Reliability:** _____
Postal Code: _____ **Initiation Date:** _____
Country: _____ **Planned Completion Date:** _____
E-Longitude of LL Corner °: _____ **N-Latitude of LL Corner °:** _____
Altitude of LL Corner: _____ **Unit:** _____ **Angle y-axis to North °:** _____
Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ **Country:** _____
Org: _____ **Phone No:** _____
Address 1: _____ **Fax No:** _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N
Guidelines: _____ **Guideline Description:** _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AMAPA	PA	LMER AMARANTH
2.	MOLVE	CA	RPETWEED
3.	IAQTA	SM	ALLFLOWER MG
4.	AGRASS	TP	ANICUM/CROW/CRAB/GOOSE
5.	RAPRA	WI	LD RADISH

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: _____ **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMIM **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL

Trial Initiation Comments: _____

	Previous Crops	Previous Pesticides	Year
1.	FALLOW		2020

MAINTENANCE

Field Prep./Maintenance: 300 LBS/A 5-15-30 PREPLANT
 RANCONA VPD SEED TRT
 THIMET INFR @ 5.25 LBS/A
 TWIN ROW SPACING: 36"-9"
 1000 LBS/A GYPSUM

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GPS COORDINATES:

LOWER LEFT (PLOT 101): 31.508181, -83.659515
 LOWER RIGHT: 31.508133, -83.659290
 UPPER RIGHT: 31.508376, -83.659217
 UPPER LEFT: 31.508431, -83.659438

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

SOIL DESCRIPTION

% Sand: 94	% OM: 0.64	Texture:	SAND
% Silt: 4	pH: 6.0	Soil Name:	DOTHAN
% Clay: 2	CEC: 2.8	Fert. Level:	GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

No.	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-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
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APPLICATION DESCRIPTION			
	A	B	C
Application Date:	May-11-21	May-24-21	Jun-4-21
Time of Day:	7:45 AM	6:40 AM	7:00 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	EPOST	POST
Applic. Placement:	SOIL	FOLIAGE	F
Air Temp., Unit:	69 F	65 F	71 F
% Relative Humidity:	94	87	92
Wind Velocity, Unit:	1 MPH	0 MPH	1 MPH
Dew Presence (Y/N):	N	Y	Y
Water Hardness:	--	--	--
Soil Temp., Unit:	70 F	71 F	72 F
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM
% Cloud Cover:	75	20	10

CROP STAGE AT EACH APPLICATION			
	A	B	C
Crop 1 Code, Stage:	ARAHY,	ARAHY,	ARAHY,
Stage Scale:		V4	V6
Height, Unit:	,	3, IN	4, IN

WEED STAGE AT EACH APPLICATION			
	A	B	C
Weed 1 Code, Stage:	AMAPA,	AMAPA,	AMAPA,
Stage Scale:		1-2";1-4L	3-12"
Density, Unit:		1 FT2	
Weed 2 Code, Stage:	MOLVE,	MOLVE,	MOLVE,
Stage Scale:		--	0.5"
Density, Unit:			1 FT2
Weed 3 Code, Stage:	IAQTA,	IAQTA,	IAQTA,
Stage Scale:		1-2";2 LF	1-2"
Density, Unit:		2 FT	
Weed 4 Code, Stage:	AGRAS,	AGRAS,	AGRAS,
Stage Scale:		1-2";1-4L	1-4"
Density, Unit:		2 FT2	
Weed 5 Code, Stage:	RAPRA,	RAPRA,	RAPRA,
Stage Scale:		C-5L;2-3"	1-5"
Density, Unit:		6 FT2	

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APPLICATION EQUIPMENT			
	A	B	C
Appl. Equipment:	BACKPACK	SAME	SAME
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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	----- ARAHY	AMAPA -----	RAPRA -----	AGRASS -----	MOLVE -----
Weed Code	Stunt	Control	Control	Control	Control
Crop Code	%	%	%	%	%
Part Rated	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21
Rating Data Type					
Rating Unit					
Rating Date					
Trt Treatment No. Name	1	2	3	4	5
1 NTC	0.0 c	0.0 d	0.0 b	0.0 c	0.0 b
2 SONALAN HFP	5.0 b	99.0 a	99.0 a	96.3 a	99.0 a
VALOR EZ2					
STRONGARM					
CADRE					
DUAL MAGNUM					
2,4-DB (BUTYRAC 200)					
3 SONALAN HFP	8.3 a	99.0 a	99.0 a	99.0 a	99.0 a
VALOR EZ2					
STRONGARM					
CADRE					
DUAL MAGNUM					
2,4-DB (BUTYRAC 200)					
4 PROWL H2O	8.3 a	99.0 a	99.0 a	97.7 a	99.0 a
VALOR EZ2					
STRONGARM					
CADRE					
DUAL MAGNUM					
2,4-DB (BUTYRAC 200)					
5 PROWL H2O	0.0 c	99.0 a	0.0 b	97.7 a	99.0 a
STRONGARM					
INDUCE					
6 PROWL H2O	0.0 c	96.0 abc	0.0 b	93.0 ab	99.0 a
STRONGARM					
INDUCE					
7 PROWL H2O	0.0 c	93.0 abc	0.0 b	94.7 ab	99.0 a
STRONGARM					
INDUCE					
8 PROWL H2O	0.0 c	97.7 ab	0.0 b	97.7 a	99.0 a
STRONGARM					
INDUCE					
9 PROWL H2O	0.0 c	94.7 abc	0.0 b	97.7 a	99.0 a
CADRE					
INDUCE					
10 PROWL H2O	0.0 c	91.7 bc	0.0 b	89.7 b	99.0 a
STRONGARM					
INDUCE					
STRONGARM					
INDUCE					
11 PROWL H2O	0.0 c	91.3 c	0.0 b	93.0 ab	99.0 a
STRONGARM					
DUAL MAGNUM					

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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

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Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
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Weed Code	----- ARAHY	AMAPA -----	RAPRA -----	AGRASS -----	MOLVE -----					
Crop Code										
Part Rated										
Rating Data Type	Stunt	Control	Control	Control	Control					
Rating Unit	%	%	%	%	%					
Rating Date	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21					
Trt Treatment No. Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5
12 PROWL H20 STRONGARM OUTLOOK	3.8 SC 84 WG 6 EC		32.0 oz/a 0.30 oz/a 12.8 oz/a	PRE EPOST EPOST	A B B	0.0 c	91.3 c	0.0 b	93.0 ab	99.0 a
LSD P=.10	1.58	6.17							6.22	.
Standard Deviation	1.12	4.40					0.00		4.44	0.00
CV	62.23	5.02					0.0		5.07	0.0
Grand Mean	1.81	87.64					24.75		87.44	90.75
Bartlett's X2^	21.813	48.443					.		21.127	.
P(Bartlett's X2)	0.026*	0.00*					.		0.032*	.

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Weed Code	-----	AMAPA	RAPRA	AGRASS	MOLVE	IAQTA					
Crop Code	ARAHY	-----	-----	-----	-----	-----					
Part Rated	Chlorosis	Control	Control	Control	Control	Control					
Rating Data Type	%	%	%	%	%	%					
Rating Unit	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21					
Rating Date											
Trt Treatment No. Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	6	7	8	9	10	11
1 NTC						0.0 c	0.0 c	0.0 d	0.0 e	0.0 b	0.0 d
2 SONALAN HFP	3 EC		24.0 oz/a	PRE	A	0.0 c	99.0 a	99.0 a	90.0 bcd	99.0 a	99.0 a
VALOR EZ2	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	C						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
3 SONALAN HFP	3 EC		32.0 oz/a	PRE	A	0.0 c	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a
VALOR EZ2	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	C						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
4 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	0.0 c	99.0 a	99.0 a	94.7 abc	99.0 a	99.0 a
VALOR EZ2	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	C						
DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
5 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	5.0 b	91.3 ab	94.3 ab	94.7 abc	99.0 a	88.0 abc
STRONGARM	84 WG		0.225 oz/a	EPOST	B						
INDUCE			0.25 % v/v	EPOST	B						
6 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	8.3	88.0 b	91.3 bc	89.7 bcd	99.0 a	86.3 abc
STRONGARM	84 WG		0.25 oz/a	EPOST	B						
INDUCE			0.25 % v/v	EPOST	B						
7 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	8.3 a	91.7 ab	90.0 bc	88.3 cd	99.0 a	93.0 abc
STRONGARM	84 WG		0.30 oz/a	EPOST	B						
INDUCE			0.25 % v/v	EPOST	B						
8 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	10.0 a	93.0 ab	90.0 bc	97.7 ab	99.0 a	78.3 c
STRONGARM	84 WG		0.45 oz/a	EPOST	B						
INDUCE			0.25 % v/v	EPOST	B						
9 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	0.0 c	89.7 ab	86.7 c	96.3 abc	99.0 a	81.7 bc
CADRE	2 AS		4.0 oz/a	EPOST	B						
INDUCE			0.25 % v/v	EPOST	B						
10 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	5.0 b	86.3 b	88.3 bc	83.3 d	99.0 a	83.0 bc
STRONGARM	84 WG		0.225 oz/a	EPOST	B						
INDUCE			0.25 % v/v	EPOST	B						
STRONGARM	84 WG		0.225 oz/a	POST	C						
INDUCE			0.25 % v/v	POST	C						
11 PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	8.3 a	85.0 b	91.7 bc	83.3 d	99.0 a	96.3 ab
STRONGARM	84 WG		0.30 oz/a	EPOST	B						
DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	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 3,5,10,13,15,18,21 because error mean square = 0.
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Weed Code	-----	AMAPA	RAPRA	AGRASS	MOLVE	IAQTA						
Crop Code	ARAHY	-----	-----	-----	-----	-----						
Part Rated												
Rating Data Type	Chlorosis	Control	Control	Control	Control	Control						
Rating Unit	%	%	%	%	%	%						
Rating Date	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	6	7	8	9	10	11
12	PROWL H20 STRONGARM OUTLOOK	3.8 84 6	SC WG EC	32.0 oz/a 0.30 oz/a 12.8 oz/a	PRE EPOST EPOST	A B B	8.3 a	88.0 b	93.3 ab	93.0 abc	99.0 a	84.7 abc
LSD P=.10							2.12	9.43	6.42	8.37	.	15.30
Standard Deviation							1.51	6.73	4.58	5.97	0.00	10.91
CV							36.85	7.99	5.37	7.09	0.0	13.25
Grand Mean							4.09	84.17	85.22	84.17	90.75	82.36
Bartlett's X2^							25.016	9.57	12.927	21.539	.	20.052
P(Bartlett's X2)							0.005*	0.569	0.298	0.028*	.	0.045*

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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						AMAPA	RAPRA	AGRASS	IAQTA	AMAPA	AGRASS	
Crop Code						-----	-----	-----	-----	-----	-----	
Part Rated												
Rating Data Type						Control	Control	Control	Control	Control	Control	
Rating Unit						%	%	%	%	%	%	
Rating Date						Jun-18-21	Jun-18-21	Jun-18-21	Jun-18-21	Jul-14-21	Jul-14-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	12	13	14	15	16	17
1	NTC						0.0 d	0.0 b	0.0 c	0.0 b	0.0 c	0.0 d
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A	99.0 a	99.0 a	97.7 a	99.0 a	99.0 a	96.0 ab
	VALOR EZ2	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	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	99.0 a	97.7 ab
	VALOR EZ2	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	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
4	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	99.0 a	99.0 a	97.7 a	99.0 a	99.0 a	99.0 a
	VALOR EZ2	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	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
5	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	86.3 abc	99.0 a	88.0 ab	99.0 a	70.0 b	86.0 abc
	STRONGARM	84 WG		0.225 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	83.0 bc	99.0 a	79.7 b	99.0 a	69.7 b	73.3 c
	STRONGARM	84 WG		0.25 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	85.0 bc	99.0 a	78.0 b	99.0 a	68.3 b	65.0 c
	STRONGARM	84 WG		0.30 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	90.0 ab	99.0 a	85.0 ab	99.0 a	78.3 ab	76.7 bc
	STRONGARM	84 WG		0.45 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	86.3 abc	99.0 a	97.7 a	99.0 a	78.0 ab	96.3 ab
	CADRE	2 AS		4.0 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	83.3 bc	99.0 a	71.7 b	99.0 a	71.7 ab	65.0 c
	STRONGARM	84 WG		0.225 oz/a	EPOST	B						
	INDUCE			0.25 % v/v	EPOST	B						
	STRONGARM	84 WG		0.225 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
11	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	75.0 c	99.0 a	75.0 b	99.0 a	63.3 b	70.0 c
	STRONGARM	84 WG		0.30 oz/a	EPOST	B						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM													
Trial ID: PE-15-21		Study Dir.: S. TAYLOR/J. RICHBURG											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	AMAPA	RAPRA	AGRASS	IAQTA	AMAPA	AGRASS							
Crop Code	-----	-----	-----	-----	-----	-----							
Part Rated													
Rating Data Type	Control	Control	Control	Control	Control	Control							
Rating Unit	%	%	%	%	%	%							
Rating Date	Jun-18-21	Jun-18-21	Jun-18-21	Jun-18-21	Jul-14-21	Jul-14-21							
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	12	13	14	15	16	17
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	79.7 bc	99.0 a	83.0 ab	99.0 a	53.0 b	78.3 abc
	STRONGARM	84	WG	0.30	oz/a	EPOST	B						
	OUTLOOK	6	EC	12.8	oz/a	EPOST	B						
LSD P=.10								12.71	.	16.48	.	27.46	22.21
Standard Deviation								9.07	0.00	11.75	0.00	19.59	15.84
CV								11.27	0.0	14.81	0.0	27.68	21.04
Grand Mean								80.47	90.75	79.36	90.75	70.78	75.28
Bartlett's X2^								9.292	.	24.024	.	8.412	23.664
P(Bartlett's X2)								0.595	.	0.013*	.	0.676	0.014*

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.
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 Could not calculate LSD (% mean diff) for columns 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						IAQTA	AMAPA	AGRASS	IAQTA	-----	-----		
Crop Code						-----	-----	-----	-----	ARAHY	ARAHY		
Part Rated						Control	Control	Control	Control	YIELD, -	YIELD, -		
Rating Data Type						%	%	%	%	DIRTY	CLEAN		
Rating Unit						%	%	%	%	LBS/PLOT	LBS/PLOT		
Rating Date						Jul-14-21	Aug-5-21	Aug-5-21	Aug-5-21	Sep-29-21	Sep-29-21		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	18	19	20	21	22	23
1	NTC							0.0 b	0.0 c	0.0 e	0.0 b	0.0 d	0.0 d
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A		99.0 a	99.0 a	91.3 ab	99.0 a	19.5 a	19.1 a
	VALOR EZ2	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	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C							
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A		99.0 a	99.0 a	96.0 a	99.0 a	20.1 a	19.7 a
	VALOR EZ2	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	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C							
4	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	99.0 a	99.0 a	99.0 a	20.4 a	20.0 a
	VALOR EZ2	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	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C							
5	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	70.0 b	81.3 abc	99.0 a	17.2 abc	16.9 abc
	STRONGARM	84 WG		0.225 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	66.3 b	68.0 bcd	99.0 a	15.0 bc	14.7 bc
	STRONGARM	84 WG		0.25 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	68.3 b	63.3 cd	99.0 a	17.0 abc	16.6 abc
	STRONGARM	84 WG		0.30 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	71.7 b	68.3 bcd	99.0 a	17.1 abc	16.8 abc
	STRONGARM	84 WG		0.45 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	74.7 b	93.0 a	99.0 a	18.4 ab	18.0 ab
	CADRE	2 AS		4.0 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	70.0 b	53.3 d	99.0 a	17.6 abc	17.2 abc
	STRONGARM	84 WG		0.225 oz/a	EPOST	B							
	INDUCE			0.25 % v/v	EPOST	B							
	STRONGARM	84 WG		0.225 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
11	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		99.0 a	63.3 b	55.0 d	99.0 a	15.0 c	14.7 c
	STRONGARM	84 WG		0.30 oz/a	EPOST	B							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	EPOST	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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	IAQTA	AMAPA	AGRASS	IAQTA	-----	-----
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-14-21	Aug-5-21	Aug-5-21	Aug-5-21	Sep-29-21	Sep-29-21
Trt Treatment	18	19	20	21	22	23
No. Name						
12 PROWL H2O						
STRONGARM						
OUTLOOK						
	99.0 a	63.0 b	76.7 a-d	99.0 a	18.7 a	18.3 a
LSD P=.10	.	23.36	24.66	.	3.40	3.34
Standard Deviation	0.00	16.66	17.59	0.00	2.42	2.37
CV	0.0	23.68	24.97	0.0	14.8	14.8
Grand Mean	90.75	70.36	70.44	90.75	16.33	16.00
Bartlett's X2^	.	8.86	16.953	.	.	.
P(Bartlett's X2)	.	0.635	0.109	.	.	.

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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						----- ARAHY YIELD, - 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	Rate Unit	Grow Stg	Appl Code
						24
1	NTC					0 d
2	SONALAN HFP	3	EC	24.0 oz/a	PRE	A
	VALOR EZ2	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	C
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C
	2,4-DB (BUTYRAC 200)	2	SL	16.0 oz/a	POST	C
3	SONALAN HFP	3	EC	32.0 oz/a	PRE	A
	VALOR EZ2	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	C
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C
	2,4-DB (BUTYRAC 200)	2	SL	16.0 oz/a	POST	C
4	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	VALOR EZ2	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	C
	DUAL MAGNUM	7.62	EC	16.0 oz/a	POST	C
	2,4-DB (BUTYRAC 200)	2	SL	16.0 oz/a	POST	C
5	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	STRONGARM	84	WG	0.225 oz/a	EPOST	B
	INDUCE			0.25 % v/v	EPOST	B
6	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	STRONGARM	84	WG	0.25 oz/a	EPOST	B
	INDUCE			0.25 % v/v	EPOST	B
7	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	STRONGARM	84	WG	0.30 oz/a	EPOST	B
	INDUCE			0.25 % v/v	EPOST	B
8	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	STRONGARM	84	WG	0.45 oz/a	EPOST	B
	INDUCE			0.25 % v/v	EPOST	B
9	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	CADRE	2	AS	4.0 oz/a	EPOST	B
	INDUCE			0.25 % v/v	EPOST	B
10	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	STRONGARM	84	WG	0.225 oz/a	EPOST	B
	INDUCE			0.25 % v/v	EPOST	B
	STRONGARM	84	WG	0.225 oz/a	POST	C
	INDUCE			0.25 % v/v	POST	C
11	PROWL H2O	3.8	SC	32.0 oz/a	PRE	A
	STRONGARM	84	WG	0.30 oz/a	EPOST	B
	DUAL MAGNUM	7.62	EC	16.0 oz/a	EPOST	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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 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-29-21
Trt Treatment No. Name	24
Form Conc	
Form Type	
Rate	
Unit	
Grow Stg	
Appl Code	
12 PROWL H20	5308 a
STRONGARM	
OUTLOOK	
LSD P=.10	968.5
Standard Deviation	687.8
CV	14.8
Grand Mean	4646.0
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 3,5,10,13,15,18,21 because error mean square = 0.
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM					
Trial ID: PE-15-21		Study Dir.: S. TAYLOR/J. RICHBURG			
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	35	407.638889			
Replicate	2	5.555556	2.777778	2.200	0.1346
Treatment	11	374.305556	34.027778	26.950	0.0001
Error	22	27.777778	1.262626		
Randomized Complete Block (RCB) AOV For AMAPA ----- Control % May-24-21 (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25894.305556			
Replicate	2	0.888889	0.444444	0.023	0.9774
Treatment	11	25466.972222	2315.179293	119.439	0.0001
Error	22	426.444444	19.383838		
Randomized Complete Block (RCB) AOV For RAPRA ----- Control % May-24-21 (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	66156.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	66156.750000	6014.250000	0.000	1.0000
Error	22	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For AGRASS ----- Control % May-24-21 (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25716.888889			
Replicate	2	3.722222	1.861111	0.095	0.9101
Treatment	11	25280.222222	2298.202020	116.783	0.0001
Error	22	432.944444	19.679293		
Randomized Complete Block (RCB) AOV For MOLVE ----- Control % May-24-21 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For ----- ARAHY Chlorosis % Jun-2-21 (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	32	572.727273			
Replicate	2	4.545455	2.272727	1.000	0.3855
Treatment	10	522.727273	52.272727	23.000	0.0001
Error	20	45.454545	2.272727		
Randomized Complete Block (RCB) AOV For AMAPA ----- Control % Jun-2-21 (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25165.000000			
Replicate	2	184.666667	92.333333	2.039	0.1540
Treatment	11	23984.333333	2180.393939	48.161	0.0001
Error	22	996.000000	45.272727		
Randomized Complete Block (RCB) AOV For RAPRA ----- Control % Jun-2-21 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	24900.222222			
Replicate	2	87.388889	43.694444	2.087	0.1479
Treatment	11	24352.222222	2213.838384	105.739	0.0001
Error	22	460.611111	20.936869		
Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Jun-2-21 (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	24835.000000			
Replicate	2	3.166667	1.583333	0.044	0.9566
Treatment	11	24047.666667	2186.151515	61.333	0.0001
Error	22	784.166667	35.643939		
Randomized Complete Block (RCB) AOV For MOLVE ----- Control % Jun-2-21 (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM						
Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG						
Location: PONDER FARM Investigator: Eric P. Prostko						
Randomized Complete Block (RCB) AOV For IAQTA ----- Control % Jun-2-21 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	26814.305556				
Replicate	2	217.388889	108.694444	0.913	0.4161	
Treatment	11	23976.972222	2179.724747	18.303	0.0001	
Error	22	2619.944444	119.088384			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control % Jun-18-21 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	25334.972222				
Replicate	2	333.555556	166.777778	2.028	0.1555	
Treatment	11	23192.305556	2108.391414	25.639	0.0001	
Error	22	1809.111111	82.232323			
Randomized Complete Block (RCB) AOV For RAPRA ----- Control % Jun-18-21 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	26952.750000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	26952.750000	2450.250000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Jun-18-21 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	26828.305556				
Replicate	2	122.055556	61.027778	0.442	0.6485	
Treatment	11	23666.972222	2151.542929	15.574	0.0001	
Error	22	3039.277778	138.148990			
Randomized Complete Block (RCB) AOV For IAQTA ----- Control % Jun-18-21 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	26952.750000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	26952.750000	2450.250000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control % Jul-14-21 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	34820.222222				
Replicate	2	2714.055556	1357.027778	3.537	0.0466	
Treatment	11	23664.888889	2151.353535	5.607	0.0003	
Error	22	8441.277778	383.694444			
Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Jul-14-21 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	29507.222222				
Replicate	2	69.555556	34.777778	0.139	0.8713	
Treatment	11	23917.888889	2174.353535	8.666	0.0001	
Error	22	5519.777778	250.898990			
Randomized Complete Block (RCB) AOV For IAQTA ----- Control % Jul-14-21 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	26952.750000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	11	26952.750000	2450.250000	0.000	1.0000	
Error	22	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For AMAPA ----- Control % Aug-5-21 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	30662.305556				
Replicate	2	1885.722222	942.861111	3.395	0.0519	
Treatment	11	22666.972222	2060.633838	7.420	0.0001	
Error	22	6109.611111	277.709596			
Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Aug-5-21 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	35	31336.888889				
Replicate	2	155.555556	77.777778	0.251	0.7799	
Treatment	11	24376.888889	2216.080808	7.165	0.0001	
Error	22	6804.444444	309.292929			

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For IAQTA ----- Control % Aug-5-21 (Data Column 21)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-29-21 (Data Column 22)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	33	1093.552500			
Replicate	2	4.781667	2.390833	0.409	0.6695
Treatment	11	971.962500	88.360227	15.129	0.0001
Error	20	116.808333	5.840417		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-29-21 (Data Column 23)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	33	1050.247821			
Replicate	2	4.592313	2.296156	0.409	0.6695
Treatment	11	933.472785	84.861162	15.129	0.0001
Error	20	112.182723	5.609136		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD YIELD LBS/A Sep-29-21 (Data Column 24)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	33	88569667.280223			
Replicate	2	387279.646575	193639.823288	0.409	0.6695
Treatment	11	78721776.260265	7156525.114570	15.129	0.0001
Error	20	9460611.373383	473030.568669		

Rating Unit
 % = PERCENT
ARM Action Codes
 T1 = [22]*0.98
 TY2 = 290.4*[23]

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

						----- ARAHY	AMAPA -----	RAPRA -----	AGRASS -----	MOLVE -----		
						Stunt %	Control %	Control %	Control %	Control %		
						May-24-21	May-24-21	May-24-21	May-24-21	May-24-21		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							205	0.0	0.0	0.0	0.0	0.0
							310	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A	102	5.0	99.0	99.0	95.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A	203	5.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	301	5.0	99.0	99.0	95.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
							Mean =	5.0	99.0	99.0	96.3	99.0
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A	103	5.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A	208	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	307	10.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
							Mean =	8.3	99.0	99.0	99.0	99.0
4	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	104	5.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A	202	10.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A	311	10.0	99.0	99.0	95.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
							Mean =	8.3	99.0	99.0	97.7	99.0
5	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	105	0.0	99.0	0.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	EPOST	B	204	0.0	99.0	0.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B	303	0.0	99.0	0.0	95.0	99.0
							Mean =	0.0	99.0	0.0	97.7	99.0
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	106	0.0	99.0	0.0	99.0	99.0
	STRONGARM	84 WG		0.25 oz/a	EPOST	B	201	0.0	99.0	0.0	90.0	99.0
	INDUCE			0.25 % v/v	EPOST	B	312	0.0	90.0	0.0	90.0	99.0
							Mean =	0.0	96.0	0.0	93.0	99.0
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	107	0.0	99.0	0.0	99.0	99.0
	STRONGARM	84 WG		0.30 oz/a	EPOST	B	212	0.0	90.0	0.0	90.0	99.0
	INDUCE			0.25 % v/v	EPOST	B	302	0.0	90.0	0.0	95.0	99.0
							Mean =	0.0	93.0	0.0	94.7	99.0
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	108	0.0	99.0	0.0	99.0	99.0
	STRONGARM	84 WG		0.45 oz/a	EPOST	B	209	0.0	95.0	0.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B	306	0.0	99.0	0.0	95.0	99.0
							Mean =	0.0	97.7	0.0	97.7	99.0
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	109	0.0	95.0	0.0	95.0	99.0
	CADRE	2 AS		4.0 oz/a	EPOST	B	207	0.0	90.0	0.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B	309	0.0	99.0	0.0	99.0	99.0
							Mean =	0.0	94.7	0.0	97.7	99.0
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A	110	0.0	85.0	0.0	85.0	99.0
	STRONGARM	84 WG		0.225 oz/a	EPOST	B	211	0.0	95.0	0.0	85.0	99.0
	INDUCE			0.25 % v/v	EPOST	B	305	0.0	95.0	0.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
							Mean =	0.0	91.7	0.0	89.7	99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	AMAPA	RAPRA	AGRASS	MOLVE
Crop Code	ARAHY	-----	-----	-----	-----
Part Rated					
Rating Data Type	Stunt	Control	Control	Control	Control
Rating Unit	%	%	%	%	%
Rating Date	May-24-21	May-24-21	May-24-21	May-24-21	May-24-21
Trt Treatment	Form Form	Rate	Grow	Appl	
No. Name	Conc Type	Rate Unit	Stg	Code Plot	
					1 2 3 4 5
11 PROWL H2O	3.8 SC	32.0 oz/a	PRE	A 111	0.0 90.0 0.0 90.0 99.0
STRONGARM	84 WG	0.30 oz/a	EPOST	B 210	0.0 99.0 0.0 99.0 99.0
DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST	B 304	0.0 85.0 0.0 90.0 99.0
				Mean =	0.0 91.3 0.0 93.0 99.0
12 PROWL H2O	3.8 SC	32.0 oz/a	PRE	A 112	0.0 90.0 0.0 85.0 99.0
STRONGARM	84 WG	0.30 oz/a	EPOST	B 206	0.0 85.0 0.0 95.0 99.0
OUTLOOK	6 EC	12.8 oz/a	EPOST	B 308	0.0 99.0 0.0 99.0 99.0
				Mean =	0.0 91.3 0.0 93.0 99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

						----- ARAHY	AMAPA -----	RAPRA -----	AGRASS -----	MOLVE -----	
						Chlorosis % Jun-2-21	Control % Jun-2-21	Control % Jun-2-21	Control % Jun-2-21	Control % Jun-2-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code Plot	6	7	8	9	10
1	NTC					101	0.0	0.0	0.0	0.0	0.0
						205	0.0	0.0	0.0	0.0	0.0
						310	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A 102	0.0	99.0	99.0	85.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A 203	0.0	99.0	99.0	95.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A 301	0.0	99.0	99.0	90.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C					
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C					
						Mean =	0.0	99.0	99.0	90.0	99.0
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A 103	0.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A 208	0.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A 307	0.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C					
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C					
						Mean =	0.0	99.0	99.0	99.0	99.0
4	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 104	0.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A 202	0.0	99.0	99.0	95.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A 311	0.0	99.0	99.0	90.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C					
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C					
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C					
						Mean =	0.0	99.0	99.0	94.7	99.0
5	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 105	5.0	85.0	85.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	EPOST	B 204	5.0	99.0	99.0	90.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 303	5.0	90.0	99.0	95.0	99.0
						Mean =	5.0	91.3	94.3	94.7	99.0
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 106	10.0	80.0	90.0	99.0	99.0
	STRONGARM	84 WG		0.25 oz/a	EPOST	B 201	5.0	99.0	99.0	85.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 312	10.0	85.0	85.0	85.0	99.0
						Mean =	8.3	88.0	91.3	89.7	99.0
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 107	10.0	95.0	90.0	95.0	99.0
	STRONGARM	84 WG		0.30 oz/a	EPOST	B 212	10.0	85.0	85.0	85.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 302	5.0	95.0	95.0	85.0	99.0
						Mean =	8.3	91.7	90.0	88.3	99.0
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 108	10.0	95.0	90.0	99.0	99.0
	STRONGARM	84 WG		0.45 oz/a	EPOST	B 209	10.0	99.0	85.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 306	10.0	85.0	95.0	95.0	99.0
						Mean =	10.0	93.0	90.0	97.7	99.0
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 109	0.0	85.0	80.0	95.0	99.0
	CADRE	2 AS		4.0 oz/a	EPOST	B 207	0.0	85.0	95.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 309	0.0	99.0	85.0	95.0	99.0
						Mean =	0.0	89.7	86.7	96.3	99.0
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A 110	5.0	75.0	85.0	75.0	99.0
	STRONGARM	84 WG		0.225 oz/a	EPOST	B 211	5.0	85.0	85.0	80.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 305	5.0	99.0	95.0	95.0	99.0
	STRONGARM	84 WG		0.225 oz/a	POST	C					
	INDUCE			0.25 % v/v	POST	C					
						Mean =	5.0	86.3	88.3	83.3	99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

							----- ARAHY	AMAPA -----	RAPRA -----	AGRASS -----	MOLVE -----
							Chlorosis %	Control %	Control %	Control %	Control %
							Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21	Jun-2-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg Code Plot	6	7	8	9	10
11	PROWL H2O	3.8	SC	32.0	oz/a	PRE A 111	5.0	85.0	90.0	75.0	99.0
	STRONGARM	84	WG	0.30	oz/a	EPOST B 210	10.0	85.0	90.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST B 304	10.0	85.0	95.0	85.0	99.0
						Mean =	8.3	85.0	91.7	83.3	99.0
12	PROWL H2O	3.8	SC	32.0	oz/a	PRE A 112	10.0	75.0	90.0	85.0	99.0
	STRONGARM	84	WG	0.30	oz/a	EPOST B 206	10.0	90.0	95.0	95.0	99.0
	OUTLOOK	6	EC	12.8	oz/a	EPOST B 308	5.0	99.0	95.0	99.0	99.0
						Mean =	8.3	88.0	93.3	93.0	99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

							IAQTA	AMAPA	RAPRA	AGRASS	IAQTA		
							-----	-----	-----	-----	-----		
							Control	Control	Control	Control	Control		
							%	%	%	%	%		
							Jun-2-21	Jun-18-21	Jun-18-21	Jun-18-21	Jun-18-21		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	11	12	13	14	15
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0
								310	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A		102	99.0	99.0	99.0	95.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A		203	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A		301	99.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C							
								Mean =	99.0	99.0	99.0	97.7	99.0
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A		103	99.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A		208	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A		307	99.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C							
								Mean =	99.0	99.0	99.0	99.0	99.0
4	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		104	99.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A		202	99.0	99.0	99.0	95.0	99.0
	STRONGARM	84 WG		0.225 oz/a	PRE	A		311	99.0	99.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	POST	C							
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C							
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C							
								Mean =	99.0	99.0	99.0	97.7	99.0
5	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		105	75.0	75.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.225 oz/a	EPOST	B		204	90.0	99.0	99.0	90.0	99.0
	INDUCE			0.25 % v/v	EPOST	B		303	99.0	85.0	99.0	75.0	99.0
								Mean =	88.0	86.3	99.0	88.0	99.0
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		106	75.0	75.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.25 oz/a	EPOST	B		201	99.0	99.0	99.0	75.0	99.0
	INDUCE			0.25 % v/v	EPOST	B		312	85.0	75.0	99.0	65.0	99.0
								Mean =	86.3	83.0	99.0	79.7	99.0
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		107	95.0	90.0	99.0	99.0	99.0
	STRONGARM	84 WG		0.30 oz/a	EPOST	B		212	85.0	75.0	99.0	60.0	99.0
	INDUCE			0.25 % v/v	EPOST	B		302	99.0	90.0	99.0	75.0	99.0
								Mean =	93.0	85.0	99.0	78.0	99.0
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		108	95.0	90.0	99.0	95.0	99.0
	STRONGARM	84 WG		0.45 oz/a	EPOST	B		209	75.0	95.0	99.0	80.0	99.0
	INDUCE			0.25 % v/v	EPOST	B		306	65.0	85.0	99.0	80.0	99.0
								Mean =	78.3	90.0	99.0	85.0	99.0
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		109	95.0	85.0	99.0	99.0	99.0
	CADRE	2 AS		4.0 oz/a	EPOST	B		207	85.0	75.0	99.0	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B		309	65.0	99.0	99.0	95.0	99.0
								Mean =	81.7	86.3	99.0	97.7	99.0
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		110	99.0	75.0	99.0	60.0	99.0
	STRONGARM	84 WG		0.225 oz/a	EPOST	B		211	85.0	80.0	99.0	65.0	99.0
	INDUCE			0.25 % v/v	EPOST	B		305	65.0	95.0	99.0	90.0	99.0
	STRONGARM	84 WG		0.225 oz/a	POST	C							
	INDUCE			0.25 % v/v	POST	C							
								Mean =	83.0	83.3	99.0	71.7	99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

							IAQTA	AMAPA	RAPRA	AGRASS	IAQTA		
							-----	-----	-----	-----	-----		
							Control	Control	Control	Control	Control		
							%	%	%	%	%		
							Jun-2-21	Jun-18-21	Jun-18-21	Jun-18-21	Jun-18-21		
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot					
11	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	111	99.0	65.0	99.0	65.0	99.0
	STRONGARM	84	WG	0.30	oz/a	EPOST	B	210	95.0	80.0	99.0	75.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	304	95.0	80.0	99.0	85.0	99.0
								Mean =	96.3	75.0	99.0	75.0	99.0
12	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	112	99.0	65.0	99.0	65.0	99.0
	STRONGARM	84	WG	0.30	oz/a	EPOST	B	206	65.0	75.0	99.0	85.0	99.0
	OUTLOOK	6	EC	12.8	oz/a	EPOST	B	308	90.0	99.0	99.0	99.0	99.0
								Mean =	84.7	79.7	99.0	83.0	99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

						AMAPA	AGRASS	IAQTA	AMAPA	AGRASS			
						-----	-----	-----	-----	-----			
						Control	Control	Control	Control	Control			
						%	%	%	%	%			
						Jul-14-21	Jul-14-21	Jul-14-21	Aug-5-21	Aug-5-21			
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	16	17	18	19	20
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0
								310	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	SONALAN HFP	3	EC	24.0	oz/a	PRE	A	102	99.0	90.0	99.0	99.0	80.0
	VALOR EZ2	4	SC	3.0	oz/a	PRE	A	203	99.0	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	99.0
	CADRE	2	AS	4.0	oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2	SL	16.0	oz/a	POST	C						
								Mean =	99.0	96.0	99.0	99.0	91.3
3	SONALAN HFP	3	EC	32.0	oz/a	PRE	A	103	99.0	95.0	99.0	99.0	90.0
	VALOR EZ2	4	SC	3.0	oz/a	PRE	A	208	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	307	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2	SL	16.0	oz/a	POST	C						
								Mean =	99.0	97.7	99.0	99.0	96.0
4	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	99.0	99.0
	VALOR EZ2	4	SC	3.0	oz/a	PRE	A	202	99.0	99.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	PRE	A	311	99.0	99.0	99.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C						
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2	SL	16.0	oz/a	POST	C						
								Mean =	99.0	99.0	99.0	99.0	99.0
5	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	105	50.0	99.0	99.0	50.0	99.0
	STRONGARM	84	WG	0.225	oz/a	EPOST	B	204	95.0	99.0	99.0	95.0	95.0
	INDUCE			0.25	% v/v	EPOST	B	303	65.0	60.0	99.0	65.0	50.0
								Mean =	70.0	86.0	99.0	70.0	81.3
6	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	106	50.0	95.0	99.0	50.0	99.0
	STRONGARM	84	WG	0.25	oz/a	EPOST	B	201	99.0	60.0	99.0	99.0	40.0
	INDUCE			0.25	% v/v	EPOST	B	312	60.0	65.0	99.0	50.0	65.0
								Mean =	69.7	73.3	99.0	66.3	68.0
7	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	107	65.0	95.0	99.0	65.0	90.0
	STRONGARM	84	WG	0.30	oz/a	EPOST	B	212	50.0	50.0	99.0	50.0	50.0
	INDUCE			0.25	% v/v	EPOST	B	302	90.0	50.0	99.0	90.0	50.0
								Mean =	68.3	65.0	99.0	68.3	63.3
8	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	108	75.0	85.0	99.0	65.0	85.0
	STRONGARM	84	WG	0.45	oz/a	EPOST	B	209	95.0	65.0	99.0	85.0	50.0
	INDUCE			0.25	% v/v	EPOST	B	306	65.0	80.0	99.0	65.0	70.0
								Mean =	78.3	76.7	99.0	71.7	68.3
9	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	109	75.0	95.0	99.0	65.0	90.0
	CADRE	2	AS	4.0	oz/a	EPOST	B	207	60.0	99.0	99.0	60.0	99.0
	INDUCE			0.25	% v/v	EPOST	B	309	99.0	95.0	99.0	99.0	90.0
								Mean =	78.0	96.3	99.0	74.7	93.0
10	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	110	50.0	50.0	99.0	50.0	40.0
	STRONGARM	84	WG	0.225	oz/a	EPOST	B	211	80.0	60.0	99.0	75.0	50.0
	INDUCE			0.25	% v/v	EPOST	B	305	85.0	85.0	99.0	85.0	70.0
	STRONGARM	84	WG	0.225	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
								Mean =	71.7	65.0	99.0	70.0	53.3

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

							AMAPA	AGRASS	IAQTA	AMAPA	AGRASS
							-----	-----	-----	-----	-----
							Control	Control	Control	Control	Control
							%	%	%	%	%
							Jul-14-21	Jul-14-21	Jul-14-21	Aug-5-21	Aug-5-21
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot			
11	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	111	40.0	65.0	99.0
	STRONGARM	84	WG	0.30	oz/a	EPOST	B	210	85.0	60.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	304	65.0	85.0	99.0
								Mean =	63.3	70.0	99.0
12	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	112	0.0	50.0	99.0
	STRONGARM	84	WG	0.30	oz/a	EPOST	B	206	60.0	90.0	99.0
	OUTLOOK	6	EC	12.8	oz/a	EPOST	B	308	99.0	95.0	99.0
								Mean =	53.0	78.3	99.0

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM

Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

							IAQTA	-----	-----	-----		
							Control	ARAHY	ARAHY	ARAHY		
							%	YIELD, -	YIELD, -	YIELD, -		
							Aug-5-21	DIRTY	CLEAN	YIELD		
								LBS/PLOT	LBS/PLOT	LBS/A		
								Sep-29-21	Sep-29-21	Sep-29-21		
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	21	22	23	24
1	NTC							101	0.0	0.0	0.0	0
								205	0.0	0.0	0.0	0
								310	0.0	0.0	0.0	0
								Mean =	0.0	0.0	0.0	0
2	SONALAN HFP	3 EC		24.0 oz/a	PRE	A		102	99.0	20.9	20.5	5948
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A		203	99.0	17.9	17.5	5094
	STRONGARM	84 WG		0.225 oz/a	PRE	A		301	99.0	19.7	19.3	5606
	CADRE	2 AS		4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
								Mean =	99.0	19.5	19.1	5550
3	SONALAN HFP	3 EC		32.0 oz/a	PRE	A		103	99.0	19.7	19.3	5606
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A		208	99.0	20.2	19.8	5749
	STRONGARM	84 WG		0.225 oz/a	PRE	A		307	99.0	20.5	20.1	5834
	CADRE	2 AS		4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
								Mean =	99.0	20.1	19.7	5730
4	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		104	99.0	20.4	20.0	5806
	VALOR EZ2	4 SC		3.0 oz/a	PRE	A		202	99.0	20.7	20.3	5891
	STRONGARM	84 WG		0.225 oz/a	PRE	A		311	99.0	20.0	19.6	5692
	CADRE	2 AS		4.0 oz/a	POST	C						
	DUAL MAGNUM	7.62 EC		16.0 oz/a	POST	C						
	2,4-DB (BUTYRAC 200)	2 SL		16.0 oz/a	POST	C						
								Mean =	99.0	20.4	20.0	5796
5	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		105	99.0	17.9	17.5	5094
	STRONGARM	84 WG		0.225 oz/a	EPOST	B		204	99.0	18.9	18.5	5379
	INDUCE			0.25 % v/v	EPOST	B		303	99.0	14.9	14.6	4240
								Mean =	99.0	17.2	16.9	4904
6	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		106	99.0	14.2	13.9	4041
	STRONGARM	84 WG		0.25 oz/a	EPOST	B		201	99.0	18.4	18.0	5236
	INDUCE			0.25 % v/v	EPOST	B		312	99.0	12.5	12.3	3557
								Mean =	99.0	15.0	14.7	4278
7	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		107	99.0	18.6	18.2	5293
	STRONGARM	84 WG		0.30 oz/a	EPOST	B		212	99.0	11.1	10.9	3159
	INDUCE			0.25 % v/v	EPOST	B		302	99.0	21.2	20.8	6033
								Mean =	99.0	17.0	16.6	4829
8	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		108	99.0	18.1	17.7	5151
	STRONGARM	84 WG		0.45 oz/a	EPOST	B		209	99.0	16.3	16.0	4639
	INDUCE			0.25 % v/v	EPOST	B		306	99.0	16.9	16.6	4810
								Mean =	99.0	17.1	16.8	4867
9	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		109	99.0	17.7	17.3	5037
	CADRE	2 AS		4.0 oz/a	EPOST	B		207	99.0	18.5	18.1	5265
	INDUCE			0.25 % v/v	EPOST	B		309	99.0	19.0	18.6	5407
								Mean =	99.0	18.4	18.0	5236
10	PROWL H2O	3.8 SC		32.0 oz/a	PRE	A		110	99.0	.	.	.
	STRONGARM	84 WG		0.225 oz/a	EPOST	B		211	99.0	16.4	16.1	4667
	INDUCE			0.25 % v/v	EPOST	B		305	99.0	18.7	18.3	5322
	STRONGARM	84 WG		0.225 oz/a	POST	C						
	INDUCE			0.25 % v/v	POST	C						
								Mean =	99.0	17.6	17.2	4995

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN AND STRONGARM
 Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	IAQTA	-----	-----	-----
Crop Code	-----	ARAHY	ARAHY	ARAHY
Part Rated		YIELD, -	YIELD, -	YIELD, -
Rating Data Type	Control	DIRTY	CLEAN	YIELD
Rating Unit	%	LBS/PLOT	LBS/PLOT	LBS/A
Rating Date	Aug-5-21	Sep-29-21	Sep-29-21	Sep-29-21
Trt Treatment	Form Form	Rate	Grow	Appl
No. Name	Conc Type	Rate Unit	Stg	Code Plot
11 PROWL H2O	3.8 SC	32.0 oz/a	PRE	A 111
STRONGARM	84 WG	0.30 oz/a	EPOST	B 210
DUAL MAGNUM	7.62 EC	16.0 oz/a	EPOST	B 304
				Mean =
				99.0
				12.5
				12.3
				3557
				4696
				4525
				4259
12 PROWL H2O	3.8 SC	32.0 oz/a	PRE	A 112
STRONGARM	84 WG	0.30 oz/a	EPOST	B 206
OUTLOOK	6 EC	12.8 oz/a	EPOST	B 308
				Mean =
				99.0
				15.5
				15.2
				4411
				6204
				5308

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WEED CONTROL IN PEANUT WITH PROWL H2O, SONALAN
AND STRONGARM
Trial ID: PE-15-21 Study Dir.: S. TAYLOR/J. RICHBURG
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit
% = PERCENT
ARM Action Codes
T1 = [22]*0.98
TY2 = 290.4*[23]