

University of Georgia

WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC								-	101	209	302	410
2	PROWL H20	3.8	SC	32.0 oz/a	PRE	A		25.0 mL/mx	1472.5 mL	102	210	312	411
	VALOR EZ	4	SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	STRONGARM	84	WG	0.225 oz/a	PRE	A		0.1685 g/mx					
3	PENDALIN H20		SC	32.0 oz/a	PRE	A		25.0 mL/mx	1472.5 mL	103	202	301	408
	VALOR EZ		SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	STRONGARM		WG	0.225 oz/a	PRE	A		0.1685 g/mx					
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE	A		25.0 mL/mx	1472.5 mL	104	201	310	409
	VALOR EZ		SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	STRONGARM		WG	0.225 oz/a	PRE	A		0.1685 g/mx					
5	SONALAN HFP		EC	32.0 oz/a	PRE	A		25.0 mL/mx	1472.5 mL	105	204	305	404
	VALOR EZ		SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	STRONGARM		WG	0.225 oz/a	PRE	A		0.1685 g/mx					
6	TREFLAN		EC	32.0 oz/a	PRE	A		25.0 mL/mx	1472.5 mL	106	208	306	405
	VALOR EZ		SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	STRONGARM		WG	0.225 oz/a	PRE	A		0.1685 g/mx					
7	BRAKE	1.2	SC	12.0 oz/a	PRE	A		9.375 mL/mx	1463.3 mL	107	205	307	401
	VALOR EZ		SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	PROWL H20		SC	32.0 oz/a	PRE	A		25.0 mL/mx					
8	BRAKE	1.2	SC	12.0 oz/a	PRE	A		9.375 mL/mx	1463.3 mL	108	203	311	406
	VALOR EZ		SC	3.0 oz/a	PRE	A		2.344 mL/mx					
	SONALAN		SC	32.0 oz/a	PRE	A		25.0 mL/mx					
9	BRAKE	1.2	SC	16.0 oz/a	PRE	A		12.5 mL/mx	1461.7 mL	109	212	303	407
	VALOR EZ		SC	1.0 oz/a	PRE	A		0.7812 mL/mx					
	PROWL H20		SC	32.0 oz/a	PRE	A		25.0 mL/mx					
10	BRAKE	1.2	SC	16.0 oz/a	PRE	A		12.5 mL/mx	1461.7 mL	110	206	304	403
	VALOR EZ		SC	1.0 oz/a	PRE	A		0.7812 mL/mx					
	SONALAN		SC	32.0 oz/a	PRE	A		25.0 mL/mx					
11	PROWL H20		SC	32.0 oz/a	PRE	A		25.0 mL/mx	1465.5 mL	111	207	308	402
	BRAKE	1.2	SC	12.0 oz/a	PRE	A		9.375 mL/mx					
	STRONGARM		WG	0.225 oz/a	PRE	A		0.1685 g/mx					
12	SONALAN		SC	32.0 oz/a	PRE	A		25.0 mL/mx	1465.5 mL	112	211	309	412
	BRAKE	1.2	SC	12.0 oz/a	PRE	A		9.375 mL/mx					
	STRONGARM		WG	0.225 oz/a	PRE	A		0.1685 g/mx					

Sort Order: Treatment

Trial Comments

AGRASS = A NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING TEXAS PANICUM, CRABGRASS, GOOSEGRASS, CROWFOOTGRASS, AND SANDBUR.

CADRE @ 4 OZ/A + COBRA @ 12.5 OZ/A + DUAL MAGNUM @ 16 OZ/A APPLIED **JUNE 11** AFTER LAST RATING

DIGGING DATE: 09/18/25 (137 DAYS)

HARVEST DATE: 09/23/25

HARVEST MOISTURE: 9.8%

YELDS ADJUSTED TO 10% MOSITURE.

2% YIELD DEDUCTION FOR FM

MISSING YIELD DATA IN PLOT 201 DUE TO COMBINE ISSUES.

SUMMARY:

1) GENERALLY, THERE WERE NO DIFFERENCES IN PEANUT RESPONSE OR WEED CONTROL BETWEEN THE VARIOUS FORMULATIONS OF PENDMETHALIN (PROWL H20, PENDALIN H20, SATELLITE HYDROCAP).

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS			
Trial ID:	PE-01-25	Study Dir.:	JAIME YANES
Location:	PONDER FARM	Investigator:	Eric P. Prostko

2) OTHER NOTEWORTHY OBSERVATIONS INCLUDED THE FOLLOWING:

A) MORE PEANUT BLEACHING WAS OBSERVED AT 29 DAT WITH BRAKE + STRONGARM COMBINATONS IN COMPARISON TO BRAKE + VALOR COMBINATIONS.

B) PALMER AMARANTH CONTROL WITH SONALAN + BRAKE + STRONGARM WAS LESS THAN PROWL + BRAKE + STRONGARM, 36 DAT (95% VS. 85%).

C) AT 36 DAT, REDUCED CONTROL OF WILD RADISH WAS OBSERVED WITH THE COMBINATION OF BRAKE @ 16 OZ/A + VALOR @ 1 OZ/A + SONALAN @ 32 OZ/A (84% CONTROL).

3) ALL HERBICIDE TREATMENTS RESULTED IN GREATER YIELDS THAN THE NTC.

4) THERE WAS NO DIFFERENCE IN PEANUT YIELDS BETWEEN PLOTS TREATED WITH THE DIFFERENT FORMULATIONS OF PENDIMETHALIN.

5) YIELDS FROM PLOTS TREATED WITH SATELLITE HYDROCAP WERE LOWER THAN YIELDS FROM PLOTS TREATED WITH SONALAN OR TREFLAN.

6) YIELDS FROM PLOTS TREATED WITH PROWL H20 WERE LOWER THAN YIELDS FROM PLOTS TREATED WITH TREFLAN.

Study Director: JAIME YANES **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

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 Location: PONDER FARM Investigator: Eric P. Prostko

Weed	Code	Common Name	Scientific Name
2.	AGRASS	AN	NUAL GRASSES
3.	RAPRA	WI	LD RADISH
4.	MOLVE	CA	RPETWEED

Crop 1: ARAHY PEANUT Variety: GA-06G
 Planting Date: May-5-25 Planting Method: MONOSEM TWIN ROW
 Rate: 3.5 SEED/FT Depth: 2 IN Perennial Age: _____
 Row Spacing: _____ Spacing Within Row: _____ Seed Bed: _____
 Soil Temperature: _____ Soil Moisture: OPTIMUM Emergence Date: _____

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4
 Site Type: _____
 Tillage Type: CONVENTIONAL Study Design: RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	FIELD CORN		2024

MAINTENANCE

Field Prep./Maintenance: 750 LBS/A: 5-15-30 - PREPLANT
 THIMET 20G INFR @ 7.5 LBS/A
 RANCONA VPD SEED TREATMENT
 36"-9" TWIN ROWS

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

% Sand: 96 % OM: 0.82 Texture: SAND
 % Silt: 2 pH: 6.0 Soil Name: DOTHAN
 % Clay: 2 CEC: 2.5 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-6-25		0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-9-25		0.47	IN	RAINFALL		
3.	May-10-25		0.11	IN	RAINFALL		
4.	May-11-25		0.42	IN	RAINFALL		
5.	May-16-25		0.5	IN	SPRINKLER - LATERAL MOVE		
6.	May-18-25		0.15	IN	SPRINKLER - LATERAL MOVE		
7.	May-21-25		0.3	IN	RAINFALL		
8.	May-23-25		0.5	IN	SPRINKLER - LATERAL MOVE		
9.	May-26-25		0.5	IN	SPRINKLER - LATERAL MOVE		
10.	May-26-25		0.12	IN	RAINFALL		
11.	May-27-25		0.10	IN	RAINFALL		
12.	May-28-25		0.09	IN	RAINFALL		
13.	May-29-25		0.7	IN	RAINFALL		
14.	Jun-4-25		0.38	IN	RAINFALL		

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	Date	Time	Amount	Unit	Type	Interval	Unit
15.	Jun-5-25		0.57	IN	RAINFALL		
16.	Jun-9-25		0.3	IN	SPRINKLER - LATERAL MOVE		
17.	Jun-9-25		0.4	IN	RAINFALL		
18.	Jun-10-25		0.2	IN	RAINFALL		
19.	Jun-11-25		0.2	IN	RAINFALL		
20.	Jun-13-25		0.5	IN	SPRINKLER - LATERAL MOVE		
21.	Jun-14-25		0.2	IN	RAINFALL		
22.	Jun-15-25		0.65	IN	RAINFALL		

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

APPLICATION DESCRIPTION

A	
Application Date:	May-6-25
Time of Day:	7:00 AM
Application Method:	BROADCAST
Application Timing:	PRE
Applic. Placement:	SOIL
Air Temp., Unit:	59 F
% Relative Humidity:	72
Wind Velocity, Unit:	1 MPH
Dew Presence (Y/N):	N
Water Hardness:	--
Soil Temp., Unit:	62 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	85

CROP STAGE AT EACH APPLICATION

A	
Crop 1 Code, Stage:	ARAHY,
Stage Scale:	
Height, Unit:	

WEED STAGE AT EACH APPLICATION

A	
Weed 1 Code, Stage:	AMAPA,
Stage Scale:	
Density, Unit:	
Weed 2 Code, Stage:	AGRAS,
Stage Scale:	
Density, Unit:	
Weed 3 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	
Weed 4 Code, Stage:	MOLVE,
Stage Scale:	
Density, Unit:	

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION EQUIPMENT

	A
Appl. Equipment:	BACKPACK
Operating Pressure:	35
Nozzle Type:	TTI
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-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					----- Arahy Stunting % May-15-25	----- Arahy Bleaching % May-15-25	Amapa ----- CONTROL % May-15-25	Rapra ----- CONTROL % May-15-25	Agrass ----- CONTROL % May-15-25	----- Arahy Stunting % May-24-25
Trt Treatment No. Name	Form Conc	Form Type	Rate	Grow Unit Stg	1	2	3	4	5	6
1 NTC					0.0 f	0.0 b	0.0 na	0.0 c	0.0 na	0.0 d
2 PROWL H20 VALOR EZ STRONGARM	3.8 4 84	SC SC WG	32.0 oz/a 3.0 oz/a 0.225 oz/a	PRE PRE PRE	22.5 bc	0.0 b	99.0 na	99.0 a	99.0 na	8.8 a
3 PENDALIN H20 VALOR EZ STRONGARM		SC SC WG	32.0 oz/a 3.0 oz/a 0.225 oz/a	PRE PRE PRE	21.3 c	0.0 b	99.0 na	99.0 a	99.0 na	7.5 ab
4 SATELLITE HYDROCAP VALOR EZ STRONGARM		SC SC WG	32.0 oz/a 3.0 oz/a 0.225 oz/a	PRE PRE PRE	23.8 bc	0.0 b	99.0 na	99.0 a	99.0 na	5.0 abc
5 SONALAN HFP VALOR EZ STRONGARM		EC SC WG	32.0 oz/a 3.0 oz/a 0.225 oz/a	PRE PRE PRE	27.5 ab	0.0 b	99.0 na	99.0 a	99.0 na	7.5 ab
6 TREFLAN VALOR EZ STRONGARM		EC SC WG	32.0 oz/a 3.0 oz/a 0.225 oz/a	PRE PRE PRE	30.0 a	0.0 b	99.0 na	99.0 a	99.0 na	5.0 abc
7 BRAKE VALOR EZ PROWL H20	1.2	SC SC SC	12.0 oz/a 3.0 oz/a 32.0 oz/a	PRE PRE PRE	21.3 c	1.3 ab	99.0 na	99.0 a	99.0 na	1.3 cd
8 BRAKE VALOR EZ SONALAN	1.2	SC SC SC	12.0 oz/a 3.0 oz/a 32.0 oz/a	PRE PRE PRE	18.8 cde	0.0 b	99.0 na	99.0 a	99.0 na	1.3 cd
9 BRAKE VALOR EZ PROWL H20	1.2	SC SC SC	16.0 oz/a 1.0 oz/a 32.0 oz/a	PRE PRE PRE	15.0 de	3.8 a	99.0 na	99.0 a	99.0 na	0.0 d
10 BRAKE VALOR EZ SONALAN	1.2	SC SC SC	16.0 oz/a 1.0 oz/a 32.0 oz/a	PRE PRE PRE	13.8 e	3.8 a	99.0 na	98.0 b	99.0 na	3.8 bcd
11 PROWL H20 BRAKE STRONGARM		SC 1.2 SC WG	32.0 oz/a 12.0 oz/a 0.225 oz/a	PRE PRE PRE	21.3 c	3.8 a	99.0 na	99.0 a	99.0 na	3.8 bcd
12 SONALAN BRAKE STRONGARM		SC 1.2 SC WG	32.0 oz/a 12.0 oz/a 0.225 oz/a	PRE PRE PRE	20.0 cd	2.5 ab	99.0 na	99.0 a	99.0 na	6.3 ab
LSD P=.10					6.13	2.55	.	0.69	.	4.01
Standard Deviation					5.12	2.13	0.00	0.58	0.00	3.35
CV					26.17	170.56	0.0	0.64	0.0	80.45
Grand Mean					19.58	1.25	90.75	90.67	90.75	4.17
Replicate F					31.043	0.000	NaN	1.000	NaN	1.236
Replicate Prob(F)					0.0001	1.0000	NaN	0.4051	NaN	0.3123
Treatment F					8.928	2.500	NaN	9784.000	NaN	3.270
Treatment Prob(F)					0.0001	0.0207	NaN	0.0001	NaN	0.0041

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=21,22,23
 Could not calculate LSD (% mean diff) or mean separation letters for columns 3,5,11,16,20 because error variance is 0.
 Mean separation letters are 'na' (not applicable) when error variance is 0
 ^Calculated from residual.

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 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				-----	Amapa	Rapra	Agrass	Molve	-----			
Crop Code				Arahy	-----	-----	-----	-----	Arahy			
Rating Data Type				Bleaching	CONTROL	CONTROL	CONTROL	CONTROL	Bleaching			
Rating Unit				%	%	%	%	%	%			
Rating Date				May-24-25	May-24-25	May-24-25	May-24-25	May-24-25	Jun-4-25			
Trt	Treatment	Form	Form	Rate	Grow	7	8	9	10	11	12	
No.	Name	Conc	Type	Rate	Unit	Stg						
1	NTC						0.0 b	0.0 c	0.0 c	0.0 c	0.0 na	0.0 e
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		0.0 b	99.0 a	99.0 a	98.0 ab	99.0 na	0.0 e
	VALOR EZ	4	SC	3.0 oz/a	PRE							
	STRONGARM	84	WG	0.225 oz/a	PRE							
3	PENDALIN H20		SC	32.0 oz/a	PRE		0.0 b	99.0 a	99.0 a	96.8 b	99.0 na	0.0 e
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		0.0 b	99.0 a	99.0 a	97.0 b	99.0 na	0.0 e
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
5	SONALAN HFP		EC	32.0 oz/a	PRE		0.0 b	99.0 a	99.0 a	99.0 a	99.0 na	0.0 e
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
6	TREFLAN		EC	32.0 oz/a	PRE		0.0 b	99.0 a	99.0 a	99.0 a	99.0 na	0.0 e
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
7	BRAKE	1.2	SC	12.0 oz/a	PRE		0.0 b	99.0 a	98.0 a	99.0 a	99.0 na	6.3 d
	VALOR EZ		SC	3.0 oz/a	PRE							
	PROWL H20		SC	32.0 oz/a	PRE							
8	BRAKE	1.2	SC	12.0 oz/a	PRE		2.5 a	99.0 a	99.0 a	99.0 a	99.0 na	8.8 cd
	VALOR EZ		SC	3.0 oz/a	PRE							
	SONALAN		SC	32.0 oz/a	PRE							
9	BRAKE	1.2	SC	16.0 oz/a	PRE		3.8 a	98.0 b	96.0 b	99.0 a	99.0 na	12.5 b
	VALOR EZ		SC	1.0 oz/a	PRE							
	PROWL H20		SC	32.0 oz/a	PRE							
10	BRAKE	1.2	SC	16.0 oz/a	PRE		3.8 a	99.0 a	98.0 a	99.0 a	99.0 na	11.3 bc
	VALOR EZ		SC	1.0 oz/a	PRE							
	SONALAN		SC	32.0 oz/a	PRE							
11	PROWL H20		SC	32.0 oz/a	PRE		3.8 a	99.0 a	99.0 a	99.0 a	99.0 na	18.8 a
	BRAKE	1.2	SC	12.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
12	SONALAN		SC	32.0 oz/a	PRE		2.5 a	99.0 a	99.0 a	99.0 a	99.0 na	17.5 a
	BRAKE	1.2	SC	12.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
LSD P=.10							2.29	0.69	1.13	1.77	.	3.38
Standard Deviation							1.92	0.58	0.95	1.48	0.00	2.82
CV							141.61	0.64	1.05	1.64	0.0	45.13
Grand Mean							1.35	90.67	90.33	90.31	90.75	6.25
Replicate F							3.163	1.000	2.348	2.462	NaN	2.619
Replicate Prob(F)							0.0374	0.4051	0.0905	0.0799	NaN	0.0672
Treatment F							3.232	9784.000	3604.315	1473.572	NaN	26.857
Treatment Prob(F)							0.0044	0.0001	0.0001	0.0001	NaN	0.0001

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=21,22,23
 Could not calculate LSD (% mean diff) or mean separation letters for columns 3,5,11,16,20 because error variance is 0.
 Mean separation letters are 'na' (not applicable) when error variance is 0
 ^Calculated from residual.

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 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				Amapa	Rapra	Agrass	Molve	Amapa	Rapra			
Crop Code				-----	-----	-----	-----	-----	-----			
Rating Data Type				CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL			
Rating Unit				%	%	%	%	%	%			
Rating Date				Jun-4-25	Jun-4-25	Jun-4-25	Jun-4-25	Jun-11-25	Jun-11-25			
Trt	Treatment	Form	Form	Rate	Grow	Stg	13	14	15	16	17	18
No.	Name	Conc	Type	Rate	Unit	Stg						
1	NTC						0.0 c	0.0 e	0.0 c	0.0 na	0.0 c	0.0 e
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		98.0 a	99.0 a	94.5 b	99.0 na	98.0 a	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	PRE							
	STRONGARM	84	WG	0.225 oz/a	PRE							
3	PENDALIN H20		SC	32.0 oz/a	PRE		99.0 a	99.0 a	95.5 ab	99.0 na	99.0 a	99.0 a
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		99.0 a	99.0 a	96.8 ab	99.0 na	98.0 a	99.0 a
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
5	SONALAN HFP		EC	32.0 oz/a	PRE		99.0 a	99.0 a	98.0 ab	99.0 na	99.0 a	99.0 a
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
6	TREFLAN		EC	32.0 oz/a	PRE		98.0 a	99.0 a	99.0 a	99.0 na	95.8 a	99.0 a
	VALOR EZ		SC	3.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
7	BRAKE	1.2	SC	12.0 oz/a	PRE		99.0 a	94.5 bc	98.0 ab	99.0 na	99.0 a	93.3 b
	VALOR EZ		SC	3.0 oz/a	PRE							
	PROWL H20		SC	32.0 oz/a	PRE							
8	BRAKE	1.2	SC	12.0 oz/a	PRE		99.0 a	96.8 ab	98.0 ab	99.0 na	99.0 a	95.5 ab
	VALOR EZ		SC	3.0 oz/a	PRE							
	SONALAN		SC	32.0 oz/a	PRE							
9	BRAKE	1.2	SC	16.0 oz/a	PRE		95.8 a	88.8 d	95.8 ab	99.0 na	96.0 a	87.5 c
	VALOR EZ		SC	1.0 oz/a	PRE							
	PROWL H20		SC	32.0 oz/a	PRE							
10	BRAKE	1.2	SC	16.0 oz/a	PRE		99.0 a	91.3 cd	98.0 ab	99.0 na	99.0 a	83.8 d
	VALOR EZ		SC	1.0 oz/a	PRE							
	SONALAN		SC	32.0 oz/a	PRE							
11	PROWL H20		SC	32.0 oz/a	PRE		97.0 a	99.0 a	98.0 ab	99.0 na	94.8 a	99.0 a
	BRAKE	1.2	SC	12.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
12	SONALAN		SC	32.0 oz/a	PRE		92.0 b	99.0 a	99.0 a	99.0 na	85.0 b	99.0 a
	BRAKE	1.2	SC	12.0 oz/a	PRE							
	STRONGARM		WG	0.225 oz/a	PRE							
LSD P=.10							3.46	3.29	4.22	.	5.36	3.55
Standard Deviation							2.89	2.75	3.53	0.00	4.48	2.97
CV							3.23	3.1	3.95	0.0	5.06	3.38
Grand Mean							89.56	88.69	89.21	90.75	88.54	87.75
Replicate F							0.573	1.335	1.165	NaN	1.147	1.719
Replicate Prob(F)							0.6368	0.2796	0.3380	NaN	0.3446	0.1822
Treatment F							382.021	419.978	254.688	NaN	158.041	359.478
Treatment Prob(F)							0.0001	0.0001	0.0001	NaN	0.0001	0.0001

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=21,22,23

Could not calculate LSD (% mean diff) or mean separation letters for columns 3,5,11,16,20 because error variance is 0.

Mean separation letters are 'na' (not applicable) when error variance is 0

^Calculated from residual.

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					Agrass	Molve	-----	-----	-----		
Crop Code					-----	-----	ARAHY	ARAHY	ARAHY		
Rating Data Type					CONTROL	CONTROL	YLD-DIRTY	YLD-CLEAN	YIELD		
Rating Unit					%	%	LBS/PLOT	LBS/PLOT	LBS/A		
Rating Date					Jun-11-25	Jun-11-25	Sep-23-25	Sep-23-25	Sep-23-25		
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit	Stg	19	20	21	22	23
1	NTC						0.0 b	0.0 na	0.00 f	0.0 f	0 f
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		94.5 a	99.0 na	21.28 cde	20.8 cde	6068 cde
	VALOR EZ	4	SC	3.0 oz/a	PRE						
	STRONGARM	84	WG	0.225 oz/a	PRE						
3	PENDALIN H20		SC	32.0 oz/a	PRE		94.5 a	99.0 na	21.43 b-e	21.0 b-e	6111 b-e
	VALOR EZ		SC	3.0 oz/a	PRE						
	STRONGARM		WG	0.225 oz/a	PRE						
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		95.5 a	99.0 na	20.47 e	20.1 e	5838 e
	VALOR EZ		SC	3.0 oz/a	PRE						
	STRONGARM		WG	0.225 oz/a	PRE						
5	SONALAN HFP		EC	32.0 oz/a	PRE		98.0 a	99.0 na	23.28 abc	22.8 abc	6639 abc
	VALOR EZ		SC	3.0 oz/a	PRE						
	STRONGARM		WG	0.225 oz/a	PRE						
6	TREFLAN		EC	32.0 oz/a	PRE		99.0 a	99.0 na	23.45 ab	23.0 ab	6689 ab
	VALOR EZ		SC	3.0 oz/a	PRE						
	STRONGARM		WG	0.225 oz/a	PRE						
7	BRAKE	1.2	SC	12.0 oz/a	PRE		95.5 a	99.0 na	24.60 a	24.1 a	7017 a
	VALOR EZ		SC	3.0 oz/a	PRE						
	PROWL H20		SC	32.0 oz/a	PRE						
8	BRAKE	1.2	SC	12.0 oz/a	PRE		97.0 a	99.0 na	23.75 a	23.3 a	6774 a
	VALOR EZ		SC	3.0 oz/a	PRE						
	SONALAN		SC	32.0 oz/a	PRE						
9	BRAKE	1.2	SC	16.0 oz/a	PRE		95.8 a	99.0 na	23.20 a-d	22.7 a-d	6617 a-d
	VALOR EZ		SC	1.0 oz/a	PRE						
	PROWL H20		SC	32.0 oz/a	PRE						
10	BRAKE	1.2	SC	16.0 oz/a	PRE		97.0 a	99.0 na	23.85 a	23.4 a	6803 a
	VALOR EZ		SC	1.0 oz/a	PRE						
	SONALAN		SC	32.0 oz/a	PRE						
11	PROWL H20		SC	32.0 oz/a	PRE		97.0 a	99.0 na	21.18 de	20.8 de	6040 de
	BRAKE	1.2	SC	12.0 oz/a	PRE						
	STRONGARM		WG	0.225 oz/a	PRE						
12	SONALAN		SC	32.0 oz/a	PRE		99.0 a	99.0 na	20.85 e	20.4 e	5947 e
	BRAKE	1.2	SC	12.0 oz/a	PRE						
	STRONGARM		WG	0.225 oz/a	PRE						
LSD P=.10					5.24	.	2.077	2.04	592.5		
Standard Deviation					4.38	0.00	1.734	1.70	494.7		
CV					4.95	0.0	8.41	8.41	8.41		
Grand Mean					88.56	90.75	20.610	20.20	5878.4		
Replicate F					0.649	NaN	1.045	1.045	1.045		
Replicate Prob(F)					0.5889	NaN	0.3861	0.3861	0.3861		
Treatment F					162.606	NaN	58.567	58.567	58.567		
Treatment Prob(F)					0.0001	NaN	0.0001	0.0001	0.0001		

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=21,22,23
 Could not calculate LSD (% mean diff) or mean separation letters for columns 3,5,11,16,20 because error variance is 0.
 Mean separation letters are 'na' (not applicable) when error variance is 0
 ^Calculated from residual.

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
Trial ID: PE-01-25 Study Dir.: JAIME YANES
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit

% = PERCENT

ARM Action Codes

T1 = [21]*0.98

TY2 = 291.04533333*[22]

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						-----	-----	Amapa	Rapra	Agrass		
Crop Code						Arahy	Arahy	-----	-----	-----		
Rating Data Type						Stunting	Bleaching	CONTROL	CONTROL	CONTROL		
Rating Unit						%	%	%	%	%		
Rating Date						May-15-25	May-15-25	May-15-25	May-15-25	May-15-25		
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	1	2	3	4	5
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							209	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							410	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		102	30.0	0.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE		210	30.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE		312	15.0	0.0	99.0	99.0	99.0
							411	15.0	0.0	99.0	99.0	99.0
							Mean =	22.5	0.0	99.0	99.0	99.0
3	PENDALIN H20		SC	32.0 oz/a	PRE		103	30.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		202	30.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		301	5.0	0.0	99.0	99.0	99.0
							408	20.0	0.0	99.0	99.0	99.0
							Mean =	21.3	0.0	99.0	99.0	99.0
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		104	30.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		201	25.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		310	20.0	0.0	99.0	99.0	99.0
							409	20.0	0.0	99.0	99.0	99.0
							Mean =	23.8	0.0	99.0	99.0	99.0
5	SONALAN HFP		EC	32.0 oz/a	PRE		105	30.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		204	40.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		305	20.0	0.0	99.0	99.0	99.0
							404	20.0	0.0	99.0	99.0	99.0
							Mean =	27.5	0.0	99.0	99.0	99.0
6	TREFLAN		EC	32.0 oz/a	PRE		106	40.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		208	35.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		306	25.0	0.0	99.0	99.0	99.0
							405	20.0	0.0	99.0	99.0	99.0
							Mean =	30.0	0.0	99.0	99.0	99.0
7	BRAKE	1.2	SC	12.0 oz/a	PRE		107	30.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		205	35.0	0.0	99.0	99.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE		307	10.0	5.0	99.0	99.0	99.0
							401	10.0	0.0	99.0	99.0	99.0
							Mean =	21.3	1.3	99.0	99.0	99.0
8	BRAKE	1.2	SC	12.0 oz/a	PRE		108	30.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		203	25.0	0.0	99.0	99.0	99.0
	SONALAN		SC	32.0 oz/a	PRE		311	10.0	0.0	99.0	99.0	99.0
							406	10.0	0.0	99.0	99.0	99.0
							Mean =	18.8	0.0	99.0	99.0	99.0
9	BRAKE	1.2	SC	16.0 oz/a	PRE		109	30.0	5.0	99.0	99.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE		212	10.0	5.0	99.0	99.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE		303	10.0	0.0	99.0	99.0	99.0
							407	10.0	5.0	99.0	99.0	99.0
							Mean =	15.0	3.8	99.0	99.0	99.0
10	BRAKE	1.2	SC	16.0 oz/a	PRE		110	25.0	5.0	99.0	99.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE		206	15.0	5.0	99.0	95.0	99.0
	SONALAN		SC	32.0 oz/a	PRE		304	10.0	0.0	99.0	99.0	99.0
							403	5.0	5.0	99.0	99.0	99.0
							Mean =	13.8	3.8	99.0	98.0	99.0
11	PROWL H20		SC	32.0 oz/a	PRE		111	30.0	5.0	99.0	99.0	99.0
	BRAKE	1.2	SC	12.0 oz/a	PRE		207	30.0	5.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		308	15.0	0.0	99.0	99.0	99.0
							402	10.0	5.0	99.0	99.0	99.0
							Mean =	21.3	3.8	99.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	Amapa	Rapra	Agrass		
Crop Code	Arahy	Arahy	-----	-----	-----		
Rating Data Type	Stunting	Bleaching	CONTROL	CONTROL	CONTROL		
Rating Unit	%	%	%	%	%		
Rating Date	May-15-25	May-15-25	May-15-25	May-15-25	May-15-25		
Trt Treatment	Form Form	Rate Grow					
No. Name	Conc Type	Rate Unit Stg Plot	1	2	3	4	5
12 SONALAN	SC	32.0 oz/a PRE 112	30.0	0.0	99.0	99.0	99.0
BRAKE	1.2 SC	12.0 oz/a PRE 211	30.0	0.0	99.0	99.0	99.0
STRONGARM	WG	0.225 oz/a PRE 309	10.0	10.0	99.0	99.0	99.0
		412	10.0	0.0	99.0	99.0	99.0
		Mean =	20.0	2.5	99.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						-----	-----	Amapa	Rapra	Agrass		
Crop Code						Arahy	Arahy	-----	-----	-----		
Rating Data Type						Stunting	Bleaching	CONTROL	CONTROL	CONTROL		
Rating Unit						%	%	%	%	%		
Rating Date						May-24-25	May-24-25	May-24-25	May-24-25	May-24-25		
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	6	7	8	9	10
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							209	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							410	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		102	10.0	0.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE		210	10.0	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE		312	5.0	0.0	99.0	99.0	99.0
							411	10.0	0.0	99.0	99.0	95.0
							Mean =	8.8	0.0	99.0	99.0	98.0
3	PENDALIN H20		SC	32.0 oz/a	PRE		103	10.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		202	5.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		301	5.0	0.0	99.0	99.0	99.0
							408	10.0	0.0	99.0	99.0	90.0
							Mean =	7.5	0.0	99.0	99.0	96.8
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		104	10.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		201	5.0	0.0	99.0	99.0	95.0
	STRONGARM		WG	0.225 oz/a	PRE		310	0.0	0.0	99.0	99.0	99.0
							409	5.0	0.0	99.0	99.0	95.0
							Mean =	5.0	0.0	99.0	99.0	97.0
5	SONALAN HFP		EC	32.0 oz/a	PRE		105	10.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		204	5.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		305	10.0	0.0	99.0	99.0	99.0
							404	5.0	0.0	99.0	99.0	99.0
							Mean =	7.5	0.0	99.0	99.0	99.0
6	TREFLAN		EC	32.0 oz/a	PRE		106	5.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		208	10.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		306	0.0	0.0	99.0	99.0	99.0
							405	5.0	0.0	99.0	99.0	99.0
							Mean =	5.0	0.0	99.0	99.0	99.0
7	BRAKE	1.2	SC	12.0 oz/a	PRE		107	0.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		205	5.0	0.0	99.0	99.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE		307	0.0	0.0	99.0	99.0	99.0
							401	0.0	0.0	99.0	95.0	99.0
							Mean =	1.3	0.0	99.0	98.0	99.0
8	BRAKE	1.2	SC	12.0 oz/a	PRE		108	5.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		203	0.0	5.0	99.0	99.0	99.0
	SONALAN		SC	32.0 oz/a	PRE		311	0.0	0.0	99.0	99.0	99.0
							406	0.0	5.0	99.0	99.0	99.0
							Mean =	1.3	2.5	99.0	99.0	99.0
9	BRAKE	1.2	SC	16.0 oz/a	PRE		109	0.0	0.0	99.0	95.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE		212	0.0	0.0	95.0	95.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE		303	0.0	10.0	99.0	99.0	99.0
							407	0.0	5.0	99.0	95.0	99.0
							Mean =	0.0	3.8	98.0	96.0	99.0
10	BRAKE	1.2	SC	16.0 oz/a	PRE		110	0.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE		206	5.0	5.0	99.0	99.0	99.0
	SONALAN		SC	32.0 oz/a	PRE		304	10.0	5.0	99.0	99.0	99.0
							403	0.0	5.0	99.0	95.0	99.0
							Mean =	3.8	3.8	99.0	98.0	99.0
11	PROWL H20		SC	32.0 oz/a	PRE		111	10.0	0.0	99.0	99.0	99.0
	BRAKE	1.2	SC	12.0 oz/a	PRE		207	0.0	5.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		308	5.0	5.0	99.0	99.0	99.0
							402	0.0	5.0	99.0	99.0	99.0
							Mean =	3.8	3.8	99.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Molve	-----	Amapa	Rapra	Agrass		
Crop Code						-----	Arahy	-----	-----	-----		
Rating Data Type						CONTROL	Bleaching	CONTROL	CONTROL	CONTROL		
Rating Unit						%	%	%	%	%		
Rating Date						May-24-25	Jun-4-25	Jun-4-25	Jun-4-25	Jun-4-25		
Trt	Treatment	Form	Form	Rate	Grow							
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	11	12	13	14	15
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							209	0.0	0.0	0.0	0.0	0.0
							302	0.0	0.0	0.0	0.0	0.0
							410	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		102	99.0	0.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE		210	99.0	0.0	95.0	99.0	95.0
	STRONGARM	84	WG	0.225 oz/a	PRE		312	99.0	0.0	99.0	99.0	99.0
							411	99.0	0.0	99.0	99.0	85.0
							Mean =	99.0	0.0	98.0	99.0	94.5
3	PENDALIN H20		SC	32.0 oz/a	PRE		103	99.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		202	99.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		301	99.0	0.0	99.0	99.0	99.0
							408	99.0	0.0	99.0	99.0	85.0
							Mean =	99.0	0.0	99.0	99.0	95.5
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		104	99.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		201	99.0	0.0	99.0	99.0	90.0
	STRONGARM		WG	0.225 oz/a	PRE		310	99.0	0.0	99.0	99.0	99.0
							409	99.0	0.0	99.0	99.0	99.0
							Mean =	99.0	0.0	99.0	99.0	96.8
5	SONALAN HFP		EC	32.0 oz/a	PRE		105	99.0	0.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		204	99.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		305	99.0	0.0	99.0	99.0	99.0
							404	99.0	0.0	99.0	99.0	95.0
							Mean =	99.0	0.0	99.0	99.0	98.0
6	TREFLAN		EC	32.0 oz/a	PRE		106	99.0	0.0	95.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		208	99.0	0.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		306	99.0	0.0	99.0	99.0	99.0
							405	99.0	0.0	99.0	99.0	99.0
							Mean =	99.0	0.0	98.0	99.0	99.0
7	BRAKE	1.2	SC	12.0 oz/a	PRE		107	99.0	5.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		205	99.0	10.0	99.0	99.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE		307	99.0	10.0	99.0	90.0	95.0
							401	99.0	0.0	99.0	90.0	99.0
							Mean =	99.0	6.3	99.0	94.5	98.0
8	BRAKE	1.2	SC	12.0 oz/a	PRE		108	99.0	10.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE		203	99.0	15.0	99.0	99.0	99.0
	SONALAN		SC	32.0 oz/a	PRE		311	99.0	5.0	99.0	99.0	99.0
							406	99.0	5.0	99.0	90.0	95.0
							Mean =	99.0	8.8	99.0	96.8	98.0
9	BRAKE	1.2	SC	16.0 oz/a	PRE		109	99.0	15.0	95.0	95.0	95.0
	VALOR EZ		SC	1.0 oz/a	PRE		212	99.0	15.0	90.0	85.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE		303	99.0	15.0	99.0	90.0	90.0
							407	99.0	5.0	99.0	85.0	99.0
							Mean =	99.0	12.5	95.8	88.8	95.8
10	BRAKE	1.2	SC	16.0 oz/a	PRE		110	99.0	10.0	99.0	85.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE		206	99.0	15.0	99.0	95.0	95.0
	SONALAN		SC	32.0 oz/a	PRE		304	99.0	15.0	99.0	95.0	99.0
							403	99.0	5.0	99.0	90.0	99.0
							Mean =	99.0	11.3	99.0	91.3	98.0
11	PROWL H20		SC	32.0 oz/a	PRE		111	99.0	15.0	99.0	99.0	99.0
	BRAKE	1.2	SC	12.0 oz/a	PRE		207	99.0	20.0	95.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE		308	99.0	20.0	95.0	99.0	95.0
							402	99.0	20.0	99.0	99.0	99.0
							Mean =	99.0	18.8	97.0	99.0	98.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Molve	----- Arahy	Amapa	Rapra	Agrass
Crop Code	-----	Bleaching	-----	-----	-----
Rating Data Type	CONTROL	%	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	May-24-25	Jun-4-25	Jun-4-25	Jun-4-25	Jun-4-25
Trt Treatment	Form Form	Rate Grow			
No. Name	Conc Type	Rate Unit Stg Plot	11	12	13 14 15
12 SONALAN	SC	32.0 oz/a PRE 112	99.0	15.0	85.0 99.0 99.0
BRAKE	1.2 SC	12.0 oz/a PRE 211	99.0	15.0	99.0 99.0 99.0
STRONGARM	WG	0.225 oz/a PRE 309	99.0	20.0	99.0 99.0 99.0
		412	99.0	20.0	85.0 99.0 99.0
		Mean =	99.0	17.5	92.0 99.0 99.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						Molve	Amapa	Rapra	Agrass	Molve
Crop Code						-----	-----	-----	-----	-----
Rating Data Type						CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%	%	%
Rating Date						Jun-4-25	Jun-11-25	Jun-11-25	Jun-11-25	Jun-11-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit Stg Plot	16	17	18	19	20
1	NTC				101	0.0	0.0	0.0	0.0	0.0
					209	0.0	0.0	0.0	0.0	0.0
					302	0.0	0.0	0.0	0.0	0.0
					410	0.0	0.0	0.0	0.0	0.0
					Mean =	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	PRE 102	99.0	99.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	PRE 210	99.0	95.0	99.0	95.0	99.0
	STRONGARM	84	WG	0.225 oz/a	PRE 312	99.0	99.0	99.0	99.0	99.0
					411	99.0	99.0	99.0	85.0	99.0
					Mean =	99.0	98.0	99.0	94.5	99.0
3	PENDALIN H20		SC	32.0 oz/a	PRE 103	99.0	99.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE 202	99.0	99.0	99.0	95.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE 301	99.0	99.0	99.0	99.0	99.0
					408	99.0	99.0	99.0	85.0	99.0
					Mean =	99.0	99.0	99.0	94.5	99.0
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE 104	99.0	99.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE 201	99.0	99.0	99.0	85.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE 310	99.0	95.0	99.0	99.0	99.0
					409	99.0	99.0	99.0	99.0	99.0
					Mean =	99.0	98.0	99.0	95.5	99.0
5	SONALAN HFP		EC	32.0 oz/a	PRE 105	99.0	99.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE 204	99.0	99.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE 305	99.0	99.0	99.0	99.0	99.0
					404	99.0	99.0	99.0	95.0	99.0
					Mean =	99.0	99.0	99.0	98.0	99.0
6	TREFLAN		EC	32.0 oz/a	PRE 106	99.0	90.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE 208	99.0	95.0	99.0	99.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE 306	99.0	99.0	99.0	99.0	99.0
					405	99.0	99.0	99.0	99.0	99.0
					Mean =	99.0	95.8	99.0	99.0	99.0
7	BRAKE	1.2	SC	12.0 oz/a	PRE 107	99.0	99.0	99.0	99.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE 205	99.0	99.0	99.0	99.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE 307	99.0	99.0	90.0	85.0	99.0
					401	99.0	99.0	85.0	99.0	99.0
					Mean =	99.0	99.0	93.3	95.5	99.0
8	BRAKE	1.2	SC	12.0 oz/a	PRE 108	99.0	99.0	99.0	95.0	99.0
	VALOR EZ		SC	3.0 oz/a	PRE 203	99.0	99.0	99.0	95.0	99.0
	SONALAN		SC	32.0 oz/a	PRE 311	99.0	99.0	99.0	99.0	99.0
					406	99.0	99.0	85.0	99.0	99.0
					Mean =	99.0	99.0	95.5	97.0	99.0
9	BRAKE	1.2	SC	16.0 oz/a	PRE 109	99.0	95.0	90.0	95.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE 212	99.0	95.0	85.0	99.0	99.0
	PROWL H20		SC	32.0 oz/a	PRE 303	99.0	95.0	90.0	90.0	99.0
					407	99.0	99.0	85.0	99.0	99.0
					Mean =	99.0	96.0	87.5	95.8	99.0
10	BRAKE	1.2	SC	16.0 oz/a	PRE 110	99.0	99.0	80.0	99.0	99.0
	VALOR EZ		SC	1.0 oz/a	PRE 206	99.0	99.0	85.0	95.0	99.0
	SONALAN		SC	32.0 oz/a	PRE 304	99.0	99.0	85.0	95.0	99.0
					403	99.0	99.0	85.0	99.0	99.0
					Mean =	99.0	99.0	83.8	97.0	99.0
11	PROWL H20		SC	32.0 oz/a	PRE 111	99.0	95.0	99.0	99.0	99.0
	BRAKE	1.2	SC	12.0 oz/a	PRE 207	99.0	95.0	99.0	95.0	99.0
	STRONGARM		WG	0.225 oz/a	PRE 308	99.0	90.0	99.0	95.0	99.0
					402	99.0	99.0	99.0	99.0	99.0
					Mean =	99.0	94.8	99.0	97.0	99.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Molve	Amapa	Rapra	Agrass	Molve
Crop Code	-----	-----	-----	-----	-----
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	Jun-4-25	Jun-11-25	Jun-11-25	Jun-11-25	Jun-11-25
Trt Treatment					
No. Name	16	17	18	19	20
Form Form					
Conc Type Rate Unit Stg Plot					
12 SONALAN	99.0	65.0	99.0	99.0	99.0
SC 32.0 oz/a PRE 112					
BRAKE	99.0	95.0	99.0	99.0	99.0
1.2 SC 12.0 oz/a PRE 211					
STRONGARM	99.0	95.0	99.0	99.0	99.0
WG 0.225 oz/a PRE 309					
412	99.0	85.0	99.0	99.0	99.0
Mean =	99.0	85.0	99.0	99.0	99.0

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						-----	-----	-----
Crop Code						ARAHY	ARAHY	ARAHY
Rating Data Type						YLD-DIRTY	YLD-CLEAN	YIELD
Rating Unit						LBS/PLOT	LBS/PLOT	LBS/A
Rating Date						Sep-23-25	Sep-23-25	Sep-23-25
Trt	Treatment	Form	Form	Rate	Grow			
No.	Name	Conc	Type	Rate	Unit	Stg	Plot	
1	NTC						101	0.00
							209	0.00
							302	0.00
							410	0.00
							Mean =	0.00
2	PROWL H20	3.8	SC	32.0 oz/a	PRE		102	22.30
	VALOR EZ	4	SC	3.0 oz/a	PRE		210	18.40
	STRONGARM	84	WG	0.225 oz/a	PRE		312	24.20
							411	20.20
							Mean =	21.28
3	PENDALIN H20		SC	32.0 oz/a	PRE		103	22.20
	VALOR EZ		SC	3.0 oz/a	PRE		202	19.70
	STRONGARM		WG	0.225 oz/a	PRE		301	22.60
							408	21.20
							Mean =	21.43
4	SATELLITE HYDROCAP		SC	32.0 oz/a	PRE		104	22.70
	VALOR EZ		SC	3.0 oz/a	PRE		201	.
	STRONGARM		WG	0.225 oz/a	PRE		310	20.20
							409	18.50
							Mean =	20.47
5	SONALAN HFP		EC	32.0 oz/a	PRE		105	22.10
	VALOR EZ		SC	3.0 oz/a	PRE		204	23.70
	STRONGARM		WG	0.225 oz/a	PRE		305	24.90
							404	22.40
							Mean =	23.28
6	TREFLAN		EC	32.0 oz/a	PRE		106	22.10
	VALOR EZ		SC	3.0 oz/a	PRE		208	22.50
	STRONGARM		WG	0.225 oz/a	PRE		306	25.90
							405	23.30
							Mean =	23.45
7	BRAKE	1.2	SC	12.0 oz/a	PRE		107	22.80
	VALOR EZ		SC	3.0 oz/a	PRE		205	24.80
	PROWL H20		SC	32.0 oz/a	PRE		307	26.50
							401	24.30
							Mean =	24.60
8	BRAKE	1.2	SC	12.0 oz/a	PRE		108	20.60
	VALOR EZ		SC	3.0 oz/a	PRE		203	23.10
	SONALAN		SC	32.0 oz/a	PRE		311	25.90
							406	25.40
							Mean =	23.75
9	BRAKE	1.2	SC	16.0 oz/a	PRE		109	22.50
	VALOR EZ		SC	1.0 oz/a	PRE		212	22.30
	PROWL H20		SC	32.0 oz/a	PRE		303	23.30
							407	24.70
							Mean =	23.20
10	BRAKE	1.2	SC	16.0 oz/a	PRE		110	22.20
	VALOR EZ		SC	1.0 oz/a	PRE		206	25.60
	SONALAN		SC	32.0 oz/a	PRE		304	23.20
							403	24.40
							Mean =	23.85
11	PROWL H20		SC	32.0 oz/a	PRE		111	20.30
	BRAKE	1.2	SC	12.0 oz/a	PRE		207	21.80
	STRONGARM		WG	0.225 oz/a	PRE		308	19.40
							402	23.20
							Mean =	21.18

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
 AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
 Trial ID: PE-01-25 Study Dir.: JAIME YANES
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code							-----	-----	-----
Crop Code							ARAHY	ARAHY	ARAHY
Rating Data Type							YLD-DIRTY	YLD-CLEAN	YIELD
Rating Unit							LBS/PLOT	LBS/PLOT	LBS/A
Rating Date							Sep-23-25	Sep-23-25	Sep-23-25
Trt	Treatment	Form	Form	Rate	Grow				
No.	Name	Conc	Type	Rate	Unit	Stg	Plot		
							21	22	23
12	SONALAN		SC	32.0 oz/a	PRE	112	23.20	22.7	6617
	BRAKE	1.2	SC	12.0 oz/a	PRE	211	22.00	21.6	6275
	STRONGARM		WG	0.225 oz/a	PRE	309	20.30	19.9	5790
						412	17.90	17.5	5106
						Mean =	20.85	20.4	5947

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WEED CONTROL IN PEANUT WITH PENDIMETHALIN FORMULATIONS
AND BRAKE+ VALOR + STRONGARM + PROWL OR SONALAN COMBOS
Trial ID: PE-01-25 Study Dir.: JAIME YANES
Location: PONDER FARM Investigator: Eric P. Prostko

Rating Unit

% = PERCENT

ARM Action Codes

T1 = [21]*0.98

TY2 = 291.04533333*[22]