

University of Georgia

PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
 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 Rate Unit	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	PRE REVITON	2.83	SC	0.0 oz/a		-	101	208	306	405
2	PRE REVITON	2.83	SC	1.0 oz/a	0.7812 mL/mx	1499.2 mL	102	203	312	408
3	PRE REVITON	2.83	SC	2.0 oz/a	1.562 mL/mx	1498.4 mL	103	207	302	401
4	29 DAP REVITON	2.83	SC	0.0 oz/a		-	104	201	303	411
5	29 DAP REVITON	2.83	SC	1.0 oz/a	0.7812 mL/mx	1499.2 mL	105	211	309	407
6	29 DAP REVITON	2.83	SC	2.0 oz/a	1.562 mL/mx	1498.4 mL	106	204	308	403
7	57 DAP REVITON	2.83	SC	0.0 oz/a		-	107	205	310	402
8	57 DAP REVITON	2.83	SC	1.0 oz/a	0.7812 mL/mx	1499.2 mL	108	202	305	410
9	57 DAP REVITON	2.83	SC	2.0 oz/a	1.562 mL/mx	1498.4 mL	109	206	311	406
10	92 DAP REVITON	2.83	SC	0.0 oz/a		-	110	209	307	409
11	92 DAP REVITON	2.83	SC	1.0 oz/a	0.7812 mL/mx	1499.2 mL	111	212	304	412
12	92 DAP REVITON	2.83	SC	2.0 oz/a	1.562 mL/mx	1498.4 mL	112	210	301	404

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

ROUNDUP P-MAX3 @ 22OZ/A + PROWL H20 @ 32 OZ/A + STRONGARM @ 0.45 OZ/A - PRE
 ULTRA BLAZER @ 24 OZ/A + DUAL MAGNUM @ 16 OZ/A - MAY 18
 SELECT MAX @ 16 OZ/A + DUAL MAGNUM @ 16 OZ/A - JUNE 2

USED INDUCE @ 0.25% WITH ALL POST TREATMENTS

DIGGING DATE: 09/16/22 (137 DAYS)

HARVEST DATE: 09/20/22

HARVEST MOISTURE:14.7%

YIELDS ADJUSTED TO 10%.

2% YIELD DEDUCTION FOR FM

SUMMARY:

1) PRE APPLICATIONS OF REVITON CAUSED LITTLE PEANUT INJURY (<5%) AND DID NOT NEGATIVELY IMPACT YIELDS.

2) POST APPLICATIONS OF REVITON CAUSED PEANUT STUNTING, LEAF NECROSIS, AND YIELD LOSS. YIELD LOSS WAS AS FOLLOWS:

29 DAP APPLICATIONS

1 OZ/A = 15.1% YIELD LOSS

2 OZ/A = 15.3% YIELD LOSS

57 DAP APPLICATIONS

1 OZ/A = 25.2% YIELD LOSS

2 OZ/A = 18.8% YIELD LOSS

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PEANUT RESPONSE TO REVITON YEAR 2	
Trial ID: PE-01-22	Study Dir.: SCOTT AKIN
Location: PONDER FARM	Investigator: Eric P. Prostko
92 DAP APPLICATIONS	
1 OZ/A = 19.9% YIELD LOSS	
2 OZ/A = 16.1% YIELD LOSS	

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PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: SCOTT AKIN

Title: _____

Affiliation: _____

Postal Code: _____

Investigator: Eric P. Prostko

Title: _____

Affiliation: _____

Postal Code: _____

TRIAL LOCATION

City: _____

State/Prov.: _____

Postal Code: _____

Country: _____

E-Longitude of LL Corner °: _____

Altitude of LL Corner: _____ Unit: _____

Directions: _____

Trial Status: E

Trial Reliability: _____

Initiation Date: _____

Planned Completion Date: _____

N-Latitude of LL Corner °: _____

Angle y-axis to North °: _____

COOPERATOR/LANDOWNER

Cooperator: _____

Org: _____

Address 1: _____

Address 2: _____

City: _____

State/Prov: _____

Postal Code: _____

Country: _____

Phone No: _____

Fax No: _____

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.			

Crop 1: ARAHY PEANUT

Planting Date: May-3-22

Planting Method:

Variety: GA-06G

MONOSEM TWIN ROW

Rate: 3.1 SEED/FT

Depth: 2 IN

Perennial Age: _____

Row Spacing: _____

Spacing Within Row: _____

Seed Bed: _____

Soil Temperature: _____

Soil Moisture: _____

Emergence Date: _____

SITE AND DESIGN

Plot Width, Unit: 6 FT

Plot Length, Unit: 25 FT Reps: 4

Site Type: _____

Tillage Type: CONVENTIONAL

Study Design: FACTOR

Trial Initiation Comments: _____

	Previous Crops	Previous Pesticides	Year
1.	SORGHUM		2021

MAINTENANCE

Field Prep./Maintenance: 36"-9" TWIN ROWS

THIMET INFR @ 5 LBS/A

1.5 TON/A LIME PREPLANT

300 LBS/A 5-15-30 PREPLANT

RANCONA VPD SEED TREATMENT

GYPSUM @ 1 TON/A ON JUNE 6

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PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
 Location: PONDER FARM Investigator: Eric P. Prostko

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

SOIL DESCRIPTION

% Sand: 94 % OM: 0.61 Texture: SAND
 % Silt: 2 pH: 6.0 Soil Name: FUQUAY/TIFTON
 % Clay: 4 CEC: 2.2 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-4-22		0.3	IN	SPRINKLER - LATERAL MOVE		
2.	May-5-22		0.3	IN	SPRINKLER - LATERAL MOVE		
3.	May-6-22		0.45	IN	RAINFALL		
4.	May-10-22		0.38	IN	SPRINKLER - LATERAL MOVE		
5.	May-17-22		0.5	IN	SPRINKLER - LATERAL MOVE		
6.	May-24-22		0.5	IN	SPRINKLER - LATERAL MOVE		
7.	May-24-22		1.8	IN	RAINFALL		
8.	Jun-1-22		0.6	IN	SPRINKLER - LATERAL MOVE		
9.	Jun-7-22		0.5	IN	SPRINKLER - LATERAL MOVE		

Overall Moisture Conditions:

Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	May-4-22	May-31-22	Jun-28-22	Aug-2-22
Time of Day:	6:40 AM	6:36 AM		7:00 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	PRE	29 DAP	57 DAP	92 DAP
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	FOLIAGE
Air Temp., Unit:	68 F	69 F		73 F
% Relative Humidity:	96	95		92
Wind Velocity, Unit:	1 MPH	1 MPH		1 MPH
Dew Presence (Y/N):	N	Y		N
Water Hardness:	--	--		--
Soil Temp., Unit:	70 F	76 F		82 F
Soil Moisture:	DRY	OPTIMUM		
% Cloud Cover:	100	100		20

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	ARAHY,	ARAHY,	ARAHY,	ARAHY,
Stage Scale:		V7-10	R4-R5	R6
Height, Unit:		4, IN	15, IN	17, IN

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PEANUT RESPONSE TO REVITON**YEAR 2**Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko**WEED STAGE AT EACH APPLICATION**

	A	B	C	D
Weed 1 Code, Stage:				
Stage Scale:				
Density, Unit:				

APPLICATION EQUIPMENT

	A	B	C	D
Appl. Equipment:	BACKPACK	SAME	SAME	SAME
Operating Pressure:	35			
Nozzle Type:	AIXR			
Nozzle Size:	11002			
Nozzle Spacing, Unit:	20 IN			
Nozzles/Row:				
Band Width, Unit:				
Boom Length, Unit:				
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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PEANUT RESPONSE TO REVITON YEAR 2								
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code Crop Code Part Rated Rating Data Type	----- Arahy Plant, - Stand	----- Arahy Plant, - Stunting	----- Arahy Leaf, - Necrosis	----- Arahy Plant, - Stunting	----- Arahy Leaf, - Necrosis	Arahy Plant, - Ht1	Arahy Plant, - Ht2	Arahy Plant, - Ht3
Rating Unit Rating Date	#/5ft May-17-22	% May-17-22	% May-17-22	% Jun-2-22	% Jun-2-22	In Jun-6-22	In Jun-6-22	In Jun-6-22
Trt Treatment Form Form Rate No. Name Conc Type Rate Unit	1	2	3	4	5	6	7	8
TABLE OF R MEANS								
Replicate 1	26.9	0.0	0.0	5.8	11.7	4.63	4.71	4.54
Replicate 2	27.1	0.0	0.0	5.8	11.7	4.38	4.42	4.71
Replicate 3	26.8	0.8	0.0	5.0	11.7	4.38	4.33	4.33
Replicate 4	26.2	0.8	0.0	5.0	11.7	4.63	5.13	4.75
TABLE OF A (TIMING) MEANS								
1 PRE	26.7 a	1.7 a	0.0 a	1.7 b	0.0 b	4.71 a	4.88 a	4.79 a
2 29 DAP	26.5 a	0.0 b	0.0 a	20.0 a	46.7 a	3.58 b	3.46 b	3.67 b
3 57 DAP	27.0 a	0.0 b	0.0 a	0.0 c	0.0 b	4.92 a	5.21 a	4.88 a
4 92 DAP	26.8 a	0.0 b	0.0 a	0.0 c	0.0 b	4.79 a	5.04 a	5.00 a
LSD P=.10	1.93	1.25	.	1.25	.	0.578	0.618	0.619
Standard Deviation	2.59	1.67	0.00	1.67	0.00	0.773	0.826	0.828
CV	9.67	400.00	0.00	30.77	0.00	17.173	17.787	18.060
TABLE OF B (RATE) MEANS								
1 REVITON 2.83 SC 0.0 oz/a	27.4 a	0.0 a	0.0 a	0.0 b	0.0 c	4.69 a	5.09 a	5.13 a
2 REVITON 2.83 SC 1.0 oz/a	26.2 a	0.0 a	0.0 a	8.1 a	16.3 b	4.59 a	4.44 b	4.38 b
3 REVITON 2.83 SC 2.0 oz/a	26.6 a	1.3 a	0.0 a	8.1 a	18.8 a	4.22 a	4.41 b	4.25 b
LSD P=.10	1.78	1.15	.	1.51	.	0.468	0.565	0.324
Standard Deviation	2.59	1.67	0.00	2.20	0.00	0.681	0.822	0.471
CV	9.69	400.00	0.00	40.70	0.00	15.130	17.689	10.285
TABLE OF A (TIMING) B (RATE) MEANS								
1 PRE	28.0 a	0.0 b	0.0 a	0.0 b	0.0 c	4.75 ab	4.88 a	5.13 abc
1 REVITON 2.83 SC 0.0 oz/a	26.8 a	0.0 b	0.0 a	0.0 b	0.0 c	4.50 b	4.75 a	5.00 abc
2 29 DAP	27.8 a	0.0 b	0.0 a	0.0 b	0.0 c	4.50 b	5.38 a	4.88 abc
1 REVITON 2.83 SC 0.0 oz/a	27.3 a	0.0 b	0.0 a	0.0 b	0.0 c	5.00 ab	5.38 a	5.50 a
1 PRE	25.3 a	0.0 b	0.0 a	2.5 b	0.0 c	4.63 b	4.88 a	4.75 bc
2 REVITON 2.83 SC 1.0 oz/a	26.0 a	0.0 b	0.0 a	30.0 a	65.0 b	3.50 c	3.00 a	3.25 d
2 29 DAP	27.3 a	0.0 b	0.0 a	0.0 b	0.0 c	5.38 a	5.00 a	4.50 c
2 REVITON 2.83 SC 1.0 oz/a	26.3 a	0.0 b	0.0 a	0.0 b	0.0 c	4.88 ab	4.88 a	5.00 abc
4 92 DAP	26.8 a	5.0 a	0.0 a	2.5 b	0.0 c	4.75 ab	4.88 a	4.50 c
3 REVITON 2.83 SC 2.0 oz/a	26.8 a	0.0 b	0.0 a	30.0 a	75.0 a	2.75 d	2.63 a	2.75 d
2 29 DAP	26.0 a	0.0 b	0.0 a	0.0 b	0.0 c	4.88 ab	5.25 a	5.25 ab
3 REVITON 2.83 SC 2.0 oz/a								

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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PEANUT RESPONSE TO REVITON YEAR 2								
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code	-----	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant, -	Plant, -	Leaf, -	Plant, -	Leaf, -	Plant, -	Plant, -	Plant, -
Rating Data Type	Stand	Stunting	Necrosis	Stunting	Necrosis	Ht1	Ht2	Ht3
Rating Unit	#/5ft	%	%	%	%	In	In	In
Rating Date	May-17-22	May-17-22	May-17-22	Jun-2-22	Jun-2-22	Jun-6-22	Jun-6-22	Jun-6-22
Trt Treatment Form Form Rate								
No. Name Conc Type Rate Unit	1	2	3	4	5	6	7	8
4 92 DAP	27.0 a	0.0 b	0.0 a	0.0 b	0.0 c	4.50 b	4.88 a	4.50 c
3 REVITON 2.83 SC 2.0 oz/a								
LSD P=.10	1.95	2.04	.	2.70	.	0.684	0.967	0.742
Standard Deviation	1.59	1.67	0.00	2.20	0.00	0.557	0.789	0.605
CV	5.96	400.00	0.00	40.70	0.00	12.388	16.977	13.195

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PEANUT RESPONSE TO REVITON YEAR 2								
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code Crop Code Part Rated Rating Data Type	Arahy Plant, - Ht4	Arahy Plant, - Ht5	----- ARAHY PLANT, - HGT-AVG	Arahy Plant, - Wt1	Arahy Plant, - Wt2	Arahy Plant, - Wt3	Arahy Plant, - Wt4	Arahy Plant, - Wt5
Rating Unit Rating Date	In Jun-6-22	In Jun-6-22	IN Jun-6-22	In Jun-6-22	In Jun-6-22	In Jun-6-22	In Jun-6-22	In Jun-6-22
Trt Treatment Form Form Rate No. Name Conc Type Rate Unit	9	10	11	12	13	14	15	16
TABLE OF R MEANS								
Replicate 1	4.42	4.46	4.6	8.04	7.21	7.92	8.38	7.63
Replicate 2	4.67	4.67	4.6	8.13	8.50	7.83	8.17	8.17
Replicate 3	4.67	4.83	4.5	8.46	8.17	8.71	8.58	8.58
Replicate 4	4.88	4.71	4.8	8.08	9.04	8.29	8.25	7.58
TABLE OF A (TIMING) MEANS								
1 PRE	4.96 a	4.83 a	4.8 a	8.58 a	8.54 a	8.96 a	9.38 a	8.21 a
2 29 DAP	3.42 b	3.71 b	3.6 b	6.75 b	6.92 b	6.75 b	6.33 c	6.42 b
3 57 DAP	5.08 a	5.17 a	5.1 a	9.08 a	8.83 a	9.00 a	9.00 ab	8.79 a
4 92 DAP	5.17 a	4.96 a	5.0 a	8.29 a	8.63 a	8.04 a	8.67 b	8.54 a
LSD P=.10	0.507	0.374	0.28	1.316	1.193	1.283	0.708	0.931
Standard Deviation	0.677	0.500	0.37	1.759	1.594	1.714	0.946	1.244
CV	14.549	10.714	8.02	21.508	19.364	20.933	11.333	15.567
TABLE OF B (RATE) MEANS								
1 REVITON 2.83 SC 0.0 oz/a	5.19 a	4.97 a	5.0 a	9.16 a	8.88 a	8.78 a	9.03 a	8.34 a
2 REVITON 2.83 SC 1.0 oz/a	4.50 b	4.56 a	4.5 b	7.59 b	7.81 a	7.88 a	8.06 a	7.75 a
3 REVITON 2.83 SC 2.0 oz/a	4.28 b	4.47 a	4.3 b	7.78 b	8.00 a	7.91 a	7.94 a	7.88 a
LSD P=.10	0.293	0.545	0.33	0.549	1.225	1.264	1.246	1.530
Standard Deviation	0.427	0.794	0.48	0.799	1.783	1.840	1.814	2.226
CV	9.170	17.011	10.35	9.775	21.672	22.478	21.739	27.866
TABLE OF A (TIMING) B (RATE) MEANS								
1 PRE	4.88 ab	4.75 a	4.9 ab	8.75 ab	8.00 bc	8.50 bc	8.75 b	7.38 bc
1 REVITON 2.83 SC 0.0 oz/a	4.75 b	5.13 a	4.8 ab	9.50 a	9.25 ab	9.13 abc	8.88 b	8.75 ab
2 29 DAP	4.75 b	5.13 a	4.8 ab	9.50 a	9.25 ab	9.13 abc	8.88 b	8.75 ab
1 REVITON 2.83 SC 0.0 oz/a	5.38 ab	5.00 a	5.0 ab	9.50 a	10.00 a	9.50 ab	9.50 ab	9.25 a
3 57 DAP	5.38 ab	5.00 a	5.0 ab	9.50 a	10.00 a	9.50 ab	9.50 ab	9.25 a
1 REVITON 2.83 SC 0.0 oz/a	5.75 a	5.00 a	5.3 a	8.88 ab	8.25 ab	8.00 c	9.00 ab	8.00 ab
4 92 DAP	5.75 a	5.00 a	5.3 a	8.88 ab	8.25 ab	8.00 c	9.00 ab	8.00 ab
1 REVITON 2.83 SC 0.0 oz/a	5.25 ab	5.00 a	4.9 ab	8.00 ab	8.25 ab	8.50 bc	9.00 ab	7.75 ab
1 PRE	5.25 ab	5.00 a	4.9 ab	8.00 ab	8.25 ab	8.50 bc	9.00 ab	7.75 ab
2 REVITON 2.83 SC 1.0 oz/a	3.00 c	3.38 b	3.2 c	6.00 cd	6.25 cd	6.38 d	5.50 c	5.63 cd
2 29 DAP	3.00 c	3.38 b	3.2 c	6.00 cd	6.25 cd	6.38 d	5.50 c	5.63 cd
2 REVITON 2.83 SC 1.0 oz/a	4.75 b	5.13 a	5.0 ab	9.00 a	8.38 ab	8.75 abc	9.13 ab	9.00 ab
3 57 DAP	4.75 b	5.13 a	5.0 ab	9.00 a	8.38 ab	8.75 abc	9.13 ab	9.00 ab
2 REVITON 2.83 SC 1.0 oz/a	5.00 ab	4.75 a	4.9 ab	7.38 bc	8.38 ab	7.88 c	8.63 b	8.63 ab
4 92 DAP	5.00 ab	4.75 a	4.9 ab	7.38 bc	8.38 ab	7.88 c	8.63 b	8.63 ab
2 REVITON 2.83 SC 1.0 oz/a	4.75 b	4.75 a	4.7 b	9.00 a	9.38 ab	9.88 a	10.38 a	9.50 a
1 PRE	4.75 b	4.75 a	4.7 b	9.00 a	9.38 ab	9.88 a	10.38 a	9.50 a
3 REVITON 2.83 SC 2.0 oz/a	2.50 c	2.63 b	2.7 d	4.75 d	5.25 d	4.75 e	4.63 c	4.88 d
2 29 DAP	2.50 c	2.63 b	2.7 d	4.75 d	5.25 d	4.75 e	4.63 c	4.88 d
3 REVITON 2.83 SC 2.0 oz/a	5.13 ab	5.38 a	5.2 ab	8.75 ab	8.13 abc	8.75 abc	8.38 b	8.13 ab
3 57 DAP	5.13 ab	5.38 a	5.2 ab	8.75 ab	8.13 abc	8.75 abc	8.38 b	8.13 ab
3 REVITON 2.83 SC 2.0 oz/a								

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PEANUT RESPONSE TO REVITON YEAR 2								
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code	Arahy	Arahy	-----	Arahy	Arahy	Arahy	Arahy	Arahy
Crop Code	Plant, -	Plant, -	PLANT, -	Plant, -	Plant, -	Plant, -	Plant, -	Plant, -
Part Rated	Ht4	Ht5	HGT-AVG	Wt1	Wt2	Wt3	Wt4	Wt5
Rating Data Type								
Rating Unit	In	In	IN	In	In	In	In	In
Rating Date	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22
Trt Treatment Form Form Rate								
No. Name Conc Type Rate Unit	9	10	11	12	13	14	15	16
4 92 DAP	4.75 b	5.13 a	4.8 b	8.63 ab	9.25 ab	8.25 bc	8.38 b	9.00 ab
3 REVITON 2.83 SC 2.0 oz/a								
LSD P=.10	0.894	0.763	0.51	1.618	1.894	1.362	1.404	1.790
Standard Deviation	0.729	0.622	0.41	1.319	1.545	1.111	1.145	1.460
CV	15.662	13.333	8.95	16.135	18.773	13.570	13.721	18.268

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PEANUT RESPONSE TO REVITON YEAR 2								
Trial ID: PE-01-22			Study Dir.: SCOTT AKIN					
Location: PONDER FARM			Investigator: Eric P. Prostko					
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date	Arahy Plant, - WDTH-AVG In Jun-6-22	Arahy Plant, - Stunting % Jun-16-22	Arahy Stnting % Jun-27-22	Arahy Necrosis % Jun-27-22	Arahy Plant, - Stunting % Jul-5-22	Arahy Leaf, - Necrosis % Jul-5-22	Arahy Plant, - Stunting % Jul-20-22	Arahy Plant, - Necrosis % Jul-20-22
Trt Treatment Form Form Rate No. Name Conc Type Rate Unit	17	18	19	20	21	22	23	24
TABLE OF R MEANS								
Replicate 1	7.83	6.3	9.2	0.0	10.0	8.3	4.6	1.3
Replicate 2	8.16	6.3	8.3	0.0	7.9	8.3	4.2	2.9
Replicate 3	8.50	5.4	7.5	0.0	9.2	8.3	4.6	2.9
Replicate 4	8.25	5.4	9.2	0.0	9.6	8.3	5.8	1.7
TABLE OF A (TIMING) MEANS								
1 PRE	8.73 a	1.7 b	0.0 b	0.0 a	1.3 c	0.0 b	0.4 b	0.0 b
2 29 DAP	6.63 b	21.7 a	34.2 a	0.0 a	22.1 a	0.0 b	9.2 a	0.0 b
3 57 DAP	8.94 a	0.0 c	0.0 b	0.0 a	13.3 b	33.3 a	9.6 a	8.8 a
4 92 DAP	8.43 a	0.0 c	0.0 b	0.0 a	0.0 c	0.0 b	0.0 b	0.0 b
LSD P=.10	0.787	1.25	2.07	.	1.76	.	2.72	2.23
Standard Deviation	1.051	1.67	2.76	0.00	2.36	0.00	3.63	2.98
CV	12.840	28.57	32.36	0.00	25.71	0.00	75.81	136.03
TABLE OF B (RATE) MEANS								
1 REVITON 2.83 SC 0.0 oz/a	8.84 a	0.0 b	0.0 c	0.0 a	0.0 c	0.0 b	0.0 b	0.0 b
2 REVITON 2.83 SC 1.0 oz/a	7.82 a	8.1 a	11.3 b	0.0 a	12.5 b	12.5 a	6.6 a	3.1 a
3 REVITON 2.83 SC 2.0 oz/a	7.90 a	9.4 a	14.4 a	0.0 a	15.0 a	12.5 a	7.8 a	3.4 a
LSD P=.10	1.069	1.51	1.28	.	1.90	.	2.04	1.92
Standard Deviation	1.556	2.20	1.86	0.00	2.76	0.00	2.98	2.80
CV	19.009	37.80	21.82	0.00	30.15	0.00	62.10	127.78
TABLE OF A (TIMING) B (RATE) MEANS								
1 PRE	8.28 b	0.0 c	0.0 c	0.0 a	0.0 d	0.0 b	0.0 d	0.0 b
1 REVITON 2.83 SC 0.0 oz/a								
2 29 DAP	9.10 ab	0.0 c	0.0 c	0.0 a	0.0 d	0.0 b	0.0 d	0.0 b
1 REVITON 2.83 SC 0.0 oz/a								
3 57 DAP	9.55 a	0.0 c	0.0 c	0.0 a	0.0 d	0.0 b	0.0 d	0.0 b
1 REVITON 2.83 SC 0.0 oz/a								
4 92 DAP	8.43 b	0.0 c	0.0 c	0.0 a	0.0 d	0.0 b	0.0 d	0.0 b
1 REVITON 2.83 SC 0.0 oz/a								
1 PRE	8.30 b	2.5 c	0.0 c	0.0 a	1.3 d	0.0 b	1.3 d	0.0 b
2 REVITON 2.83 SC 1.0 oz/a								
2 29 DAP	5.95 c	30.0 b	45.0 b	0.0 a	30.0 b	0.0 b	10.0 c	0.0 b
2 REVITON 2.83 SC 1.0 oz/a								
3 57 DAP	8.85 ab	0.0 c	0.0 c	0.0 a	18.8 c	50.0 a	15.0 ab	12.5 a
2 REVITON 2.83 SC 1.0 oz/a								
4 92 DAP	8.18 b	0.0 c	0.0 c	0.0 a	0.0 d	0.0 b	0.0 d	0.0 b
2 REVITON 2.83 SC 1.0 oz/a								
1 PRE	9.63 a	2.5 c	0.0 c	0.0 a	2.5 d	0.0 b	0.0 d	0.0 b
3 REVITON 2.83 SC 2.0 oz/a								
2 29 DAP	4.85 c	35.0 a	57.5 a	0.0 a	36.3 a	0.0 b	17.5 a	0.0 b
3 REVITON 2.83 SC 2.0 oz/a								
3 57 DAP	8.43 b	0.0 c	0.0 c	0.0 a	21.3 c	50.0 a	13.8 b	13.8 a
3 REVITON 2.83 SC 2.0 oz/a								

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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PEANUT RESPONSE TO REVITON YEAR 2								
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko								
Weed Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Crop Code	Plant, -	Plant, -	Plant, -	Plant, -	Plant, -	Plant, -	Plant, -	Plant, -
Part Rated	WDTH-AVG	Stunting	Stunting	Necrosis	Stunting	Necrosis	Stunting	Necrosis
Rating Data Type	In	%	%	%	%	%	%	%
Rating Unit								
Rating Date	Jun-6-22	Jun-16-22	Jun-27-22	Jun-27-22	Jul-5-22	Jul-5-22	Jul-20-22	Jul-20-22
Trt Treatment Form Form Rate								
No. Name Conc Type Rate Unit	17	18	19	20	21	22	23	24
4 92 DAP	8.70 ab	0.0 c	0.0 c	0.0 a	0.0 d	0.0 b	0.0 d	0.0 b
3 REVITON 2.83 SC 2.0 oz/a								
LSD P=.10	1.104	2.70	2.28	.	2.50	.	3.19	3.43
Standard Deviation	0.901	2.20	1.86	0.00	2.04	0.00	2.60	2.80
CV	11.001	37.80	21.82	0.00	22.27	0.00	54.30	127.78

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PEANUT RESPONSE TO REVITON YEAR 2					
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko					
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date	Arahy Plant, - Stunting % Aug-9-22	Arahy Leaf, - Necrosis % Aug-9-22	----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-20-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-20-22	----- ARAHY YIELD, - YIELD LBS/A Sep-20-22
Trt Treatment Form Form Rate No. Name Conc Type Rate Unit	25	26	27	28	29
TABLE OF R MEANS					
Replicate 1	6.7	4.2	14.84	14.5	4004.0
Replicate 2	9.2	5.0	15.14	14.8	4084.2
Replicate 3	5.8	5.4	15.56	15.2	4196.5
Replicate 4	7.5	4.2	15.38	15.1	4149.3
TABLE OF A (TIMING) MEANS					
1 PRE	1.3 b	0.0 b	17.30 a	17.0 a	4666.3 a
2 29 DAP	9.2 a	0.0 b	14.43 c	14.1 c	3890.9 c
3 57 DAP	10.4 a	0.8 b	13.80 c	13.5 c	3723.0 c
4 92 DAP	8.3 a	17.9 a	15.40 b	15.1 b	4153.8 b
LSD P=.10	4.06	2.04	0.937	0.92	252.66
Standard Deviation	5.42	2.73	1.252	1.23	337.62
CV	74.36	58.29	8.218	8.22	8.22
TABLE OF B (RATE) MEANS					
1 REVITON 2.83 SC 0.0 oz/a	0.0 b	0.0 b	16.42 a	16.1 a	4428.6 a
2 REVITON 2.83 SC 1.0 oz/a	10.0 a	6.6 a	14.49 b	14.2 b	3907.7 b
3 REVITON 2.83 SC 2.0 oz/a	11.9 a	7.5 a	14.79 b	14.5 b	3989.2 b
LSD P=.10	3.08	1.11	1.088	1.07	293.54
Standard Deviation	4.49	1.61	1.584	1.55	427.26
CV	61.54	34.43	10.399	10.40	10.40
TABLE OF A (TIMING) B (RATE) MEANS					
1 PRE	0.0 c	0.0 c	15.95 bcd	15.6 bcd	4302.2 bcd
1 REVITON 2.83 SC 0.0 oz/a	0.0 c	0.0 c	16.05 bc	15.7 bc	4329.2 bc
2 29 DAP	0.0 c	0.0 c	16.18 bc	15.9 bc	4362.9 bc
1 REVITON 2.83 SC 0.0 oz/a	0.0 c	0.0 c	17.50 ab	17.2 ab	4720.3 ab
4 92 DAP	0.0 c	0.0 c	17.50 ab	17.2 ab	4720.3 ab
1 REVITON 2.83 SC 0.0 oz/a	1.3 c	0.0 c	18.20 a	17.8 a	4909.1 a
2 29 DAP	10.0 b	0.0 c	13.63 ef	13.4 ef	3675.1 ef
2 REVITON 2.83 SC 1.0 oz/a	10.0 b	0.0 c	13.63 ef	13.4 ef	3675.1 ef
3 57 DAP	16.3 a	2.5 c	12.10 f	11.9 f	3263.7 f
2 REVITON 2.83 SC 1.0 oz/a	16.3 a	2.5 c	12.10 f	11.9 f	3263.7 f
4 92 DAP	12.5 ab	23.8 b	14.03 def	13.7 def	3783.0 def
2 REVITON 2.83 SC 1.0 oz/a	12.5 ab	23.8 b	14.03 def	13.7 def	3783.0 def
1 PRE	2.5 c	0.0 c	17.75 ab	17.4 ab	4787.7 ab
3 REVITON 2.83 SC 2.0 oz/a	2.5 c	0.0 c	17.75 ab	17.4 ab	4787.7 ab
2 29 DAP	17.5 a	0.0 c	13.60 ef	13.3 ef	3668.3 ef
3 REVITON 2.83 SC 2.0 oz/a	17.5 a	0.0 c	13.60 ef	13.3 ef	3668.3 ef
3 57 DAP	15.0 ab	0.0 c	13.13 ef	12.9 ef	3542.5 ef
3 REVITON 2.83 SC 2.0 oz/a	15.0 ab	0.0 c	13.13 ef	12.9 ef	3542.5 ef

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PEANUT RESPONSE TO REVITON YEAR 2					
Trial ID: PE-01-22 Study Dir.: SCOTT AKIN Location: PONDER FARM Investigator: Eric P. Prostko					
Weed Code	Arahy	Arahy	-----	-----	-----
Crop Code	Plant, -	Leaf, -	ARAHY	ARAHY	ARAHY
Part Rated	Stunting	Necrosis	YIELD, -	YIELD, -	YIELD, -
Rating Data Type	%	%	DIRTY	CLEAN	YIELD
Rating Unit			LBS/PLOT	LBS/PLOT	LBS/A
Rating Date	Aug-9-22	Aug-9-22	Sep-20-22	Sep-20-22	Sep-20-22
Trt Treatment Form Form Rate					
No. Name Conc Type Rate Unit	25	26	27	28	29
4 92 DAP	12.5 ab	30.0 a	14.68 cde	14.4 cde	3958.3 cde
3 REVITON 2.83 SC 2.0 oz/a					
LSD P=.10	5.24	2.84	1.972	1.93	531.86
Standard Deviation	4.28	2.32	1.597	1.57	430.82
CV	58.65	49.49	10.486	10.49	10.49

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PEANUT RESPONSE TO REVITON YEAR 2						
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For ----- Arahy Plant Stand #/5ft May-17-22 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	179.000000				
R	3	5.833333	1.944444	0.766	0.5280	
A	3	1.666667	0.555556	0.083	0.9676	1.9
RA	9	60.166667	6.685185			
B	2	12.875000	6.437500	0.959	0.4352	1.8
RB	6	40.291667	6.715278			
AB	6	12.458333	2.076389	0.818	0.5704	2.0
RAB	18	45.708333	2.539352			
COMPLETE FACTORIAL AOV For ----- Arahy Plant Stunting % May-17-22 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	191.666667				
R	3	8.333333	2.777778	1.000	0.4155	
A	3	25.000000	8.333333	3.000	0.0877	1.2
RA	9	25.000000	2.777778			
B	2	16.666667	8.333333	3.000	0.1250	1.1
RB	6	16.666667	2.777778			
AB	6	50.000000	8.333333	3.000	0.0327	2.0
RAB	18	50.000000	2.777778			
COMPLETE FACTORIAL AOV For ----- Arahy Leaf Necrosis % May-17-22 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	3	0.000000	0.000000	0.000	1.0000	.
RA	9	0.000000	0.000000			
B	2	0.000000	0.000000	0.000	1.0000	.
RB	6	0.000000	0.000000			
AB	6	0.000000	0.000000	0.000	1.0000	.
RAB	18	0.000000	0.000000			
COMPLETE FACTORIAL AOV For ----- Arahy Plant Stunting % Jun-2-22 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	5991.666667				
R	3	8.333333	2.777778	0.571	0.6410	
A	3	3425.000000	1141.666667	411.000	0.0001	1.2
RA	9	25.000000	2.777778			
B	2	704.166667	352.083333	72.429	0.0001	1.5
RB	6	29.166667	4.861111			
AB	6	1712.500000	285.416667	58.714	0.0001	2.7
RAB	18	87.500000	4.861111			
COMPLETE FACTORIAL AOV For ----- Arahy Leaf Necrosis % Jun-2-22 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	32866.666667				
R	3	0.000000	0.000000	0.000	1.0000	
A	3	19600.000000	6533.333333	0.000	1.0000	.
RA	9	0.000000	0.000000			
B	2	3316.666667	1658.333333	0.000	1.0000	.
RB	6	0.000000	0.000000			
AB	6	9950.000000	1658.333333	0.000	1.0000	.
RAB	18	0.000000	0.000000			
COMPLETE FACTORIAL AOV For Arahy Plant Ht1 In Jun-6-22 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	36.500000				
R	3	0.750000	0.250000	0.804	0.5076	
A	3	13.708333	4.569444	7.651	0.0076	0.58
RA	9	5.375000	0.597222			
B	2	1.968750	0.984375	2.124	0.2007	0.47
RB	6	2.781250	0.463542			
AB	6	6.322917	1.053819	3.391	0.0204	0.68
RAB	18	5.593750	0.310764			

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PEANUT RESPONSE TO REVITON YEAR 2						
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahya Plant Ht2 In Jun-6-22 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	60.479167				
R	3	4.604167	1.534722	2.467	0.0952	
A	3	23.229167	7.743056	11.339	0.0021	0.62
RA	9	6.145833	0.682870			
B	2	4.822917	2.411458	3.571	0.0952	0.56
RB	6	4.052083	0.675347			
AB	6	6.427083	1.071181	1.722	0.1732	0.97
RAB	18	11.197917	0.622106			
COMPLETE FACTORIAL AOV For Arahya Plant Ht3 In Jun-6-22 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	44.166667				
R	3	1.291667	0.430556	1.177	0.3461	
A	3	13.708333	4.569444	6.669	0.0115	0.62
RA	9	6.166667	0.685185			
B	2	7.166667	3.583333	16.125	0.0039	0.32
RB	6	1.333333	0.222222			
AB	6	7.916667	1.319444	3.608	0.0158	0.74
RAB	18	6.583333	0.365741			
COMPLETE FACTORIAL AOV For Arahya Plant Ht4 In Jun-6-22 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	55.578125				
R	3	1.265625	0.421875	0.793	0.5135	
A	3	24.848958	8.282986	18.049	0.0004	0.51
RA	9	4.130208	0.458912			
B	2	7.156250	3.578125	19.629	0.0023	0.29
RB	6	1.093750	0.182292			
AB	6	7.510417	1.251736	2.354	0.0744	0.89
RAB	18	9.572917	0.531829			
COMPLETE FACTORIAL AOV For Arahya Plant Ht5 In Jun-6-22 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	43.166667				
R	3	0.875000	0.291667	0.753	0.5347	
A	3	15.375000	5.125000	20.500	0.0002	0.37
RA	9	2.250000	0.250000			
B	2	2.260417	1.130208	1.793	0.2452	0.55
RB	6	3.781250	0.630208			
AB	6	11.656250	1.942708	5.018	0.0035	0.76
RAB	18	6.968750	0.387153			
COMPLETE FACTORIAL AOV For ----- ARAHY PLANT HGT-AVG IN Jun-6-22 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	35.144792				
R	3	0.702292	0.234097	1.376	0.2822	
A	3	17.732292	5.910764	43.242	0.0001	0.3
RA	9	1.230208	0.136690			
B	2	4.107917	2.053958	9.015	0.0156	0.3
RB	6	1.367083	0.227847			
AB	6	6.942083	1.157014	6.799	0.0007	0.5
RAB	18	3.062917	0.170162			
COMPLETE FACTORIAL AOV For Arahya Plant Wt1 In Jun-6-22 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	157.744792				
R	3	1.307292	0.435764	0.250	0.8600	
A	3	36.432292	12.144097	3.926	0.0481	1.32
RA	9	27.838542	3.093171			
B	2	23.291667	11.645833	18.228	0.0028	0.55
RB	6	3.833333	0.638889			
AB	6	33.708333	5.618056	3.227	0.0248	1.62
RAB	18	31.333333	1.740741			

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PEANUT RESPONSE TO REVITON YEAR 2						
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahy Plant Wt2 In Jun-6-22 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	183.979167				
R	3	21.354167	7.118056	2.983	0.0588	
A	3	28.104167	9.368056	3.689	0.0557	1.19
RA	9	22.854167	2.539352			
B	2	10.291667	5.145833	1.618	0.2742	1.23
RB	6	19.083333	3.180556			
AB	6	39.333333	6.555556	2.747	0.0449	1.89
RAB	18	42.958333	2.386574			
COMPLETE FACTORIAL AOV For Arahy Plant Wt3 In Jun-6-22 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	160.812500				
R	3	5.770833	1.923611	1.558	0.2341	
A	3	40.104167	13.368056	4.551	0.0333	1.28
RA	9	26.437500	2.937500			
B	2	8.468750	4.234375	1.250	0.3517	1.26
RB	6	20.322917	3.387153			
AB	6	37.489583	6.248264	5.062	0.0033	1.36
RAB	18	22.218750	1.234375			
COMPLETE FACTORIAL AOV For Arahy Plant Wt4 In Jun-6-22 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	170.078125				
R	3	1.182292	0.394097	0.301	0.8245	
A	3	67.682292	22.560764	25.233	0.0001	0.71
RA	9	8.046875	0.894097			
B	2	11.468750	5.734375	1.743	0.2530	1.25
RB	6	19.739583	3.289931			
AB	6	38.364583	6.394097	4.878	0.0040	1.40
RAB	18	23.593750	1.310764			
COMPLETE FACTORIAL AOV For Arahy Plant Wt5 In Jun-6-22 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	180.744792				
R	3	8.182292	2.727431	1.280	0.3112	
A	3	41.640625	13.880208	8.973	0.0045	0.93
RA	9	13.921875	1.546875			
B	2	3.135417	1.567708	0.316	0.7403	1.53
RB	6	29.739583	4.956597			
AB	6	45.781250	7.630208	3.582	0.0163	1.79
RAB	18	38.343750	2.130208			
COMPLETE FACTORIAL AOV For Arahy Plant WIDTH-AVG In Jun-6-22 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	128.739792				
R	3	2.733958	0.911319	1.124	0.3657	
A	3	40.110625	13.370208	12.104	0.0016	0.79
RA	9	9.941875	1.104653			
B	2	10.257917	5.128958	2.119	0.2013	1.07
RB	6	14.525417	2.420903			
AB	6	36.573750	6.095625	7.517	0.0004	1.10
RAB	18	14.596250	0.810903			
COMPLETE FACTORIAL AOV For Arahy Plant Stunting % Jun-16-22 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	7066.666667				
R	3	8.333333	2.777778	0.571	0.6410	
A	3	4033.333333	1344.444444	484.000	0.0001	1.2
RA	9	25.000000	2.777778			
B	2	829.166667	414.583333	85.286	0.0001	1.5
RB	6	29.166667	4.861111			
AB	6	2054.166667	342.361111	70.429	0.0001	2.7
RAB	18	87.500000	4.861111			

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.

University of Georgia

PEANUT RESPONSE TO REVITON YEAR 2							
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For Arahy Stnting % Jun-27-22 (Data Column 19)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	17997.916667					
R	3	22.916667	7.638889	2.200	0.1233		
A	3	10506.250000	3502.083333	458.455	0.0001		2.1
RA	9	68.750000	7.638889				
B	2	1829.166667	914.583333	263.400	0.0001		1.3
RB	6	20.833333	3.472222				
AB	6	5487.500000	914.583333	263.400	0.0001		2.3
RAB	18	62.500000	3.472222				
COMPLETE FACTORIAL AOV For Arahy Necrosis % Jun-27-22 (Data Column 20) Missing values in column 20 results in unbalanced data, Least Squares Analysis is preferred							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	46	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	3	0.000000	0.000000	0.000	1.0000		.
RA	9	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	6	0.000000	0.000000	0.000	1.0000		.
RAB	17	0.000000	0.000000				
COMPLETE FACTORIAL AOV For Arahy Plant Stunting % Jul-5-22 (Data Column 21)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	8266.666667					
R	3	29.166667	9.722222	2.333	0.1083		
A	3	3970.833333	1323.611111	238.250	0.0001		1.8
RA	9	50.000000	5.555556				
B	2	2066.666667	1033.333333	135.273	0.0001		1.9
RB	6	45.833333	7.638889				
AB	6	2029.166667	338.194444	81.167	0.0001		2.5
RAB	18	75.000000	4.166667				
COMPLETE FACTORIAL AOV For Arahy Leaf Necrosis % Jul-5-22 (Data Column 22)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	16666.666667					
R	3	0.000000	0.000000	0.000	1.0000		
A	3	10000.000000	3333.333333	0.000	1.0000		.
RA	9	0.000000	0.000000				
B	2	1666.666667	833.333333	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	6	5000.000000	833.333333	0.000	1.0000		.
RAB	18	0.000000	0.000000				
COMPLETE FACTORIAL AOV For Arahy Plant Stunting % Jul-20-22 (Data Column 23)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	2497.916667					
R	3	18.750000	6.250000	0.923	0.4497		
A	3	1010.416667	336.805556	25.526	0.0001		2.7
RA	9	118.750000	13.194444				
B	2	563.541667	281.770833	31.824	0.0006		2.0
RB	6	53.125000	8.854167				
AB	6	611.458333	101.909722	15.051	0.0001		3.2
RAB	18	121.875000	6.770833				
COMPLETE FACTORIAL AOV For Arahy Plant Necrosis % Jul-20-22 (Data Column 24)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	1445.312500					
R	3	26.562500	8.854167	1.133	0.3621		
A	3	689.062500	229.687500	25.941	0.0001		2.2
RA	9	79.687500	8.854167				
B	2	115.625000	57.812500	7.400	0.0240		1.9
RB	6	46.875000	7.812500				
AB	6	346.875000	57.812500	7.400	0.0004		3.4
RAB	18	140.625000	7.812500				

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

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

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PEANUT RESPONSE TO REVITON YEAR 2							
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For Arahay Plant Stunting % Aug-9-22 (Data Column 25)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	3097.916667					
R	3	72.916667	24.305556	1.329	0.2960		
A	3	610.416667	203.472222	6.921	0.0103		4.1
RA	9	264.583333	29.398148				
B	2	1304.166667	652.083333	32.379	0.0006		3.1
RB	6	120.833333	20.138889				
AB	6	395.833333	65.972222	3.608	0.0158		5.2
RAB	18	329.166667	18.287037				
COMPLETE FACTORIAL AOV For Arahay Leaf Necrosis % Aug-9-22 (Data Column 26)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	5020.312500					
R	3	14.062500	4.687500	0.871	0.4743		
A	3	2805.729167	935.243056	125.279	0.0001		2.0
RA	9	67.187500	7.465278				
B	2	534.375000	267.187500	102.600	0.0001		1.1
RB	6	15.625000	2.604167				
AB	6	1486.458333	247.743056	46.032	0.0001		2.8
RAB	18	96.875000	5.381944				
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-20-22 (Data Column 27) Missing values in column 27 results in unbalanced data, Least Squares Analysis is preferred							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	45	247.802130					
R	3	3.453056	1.151019	0.451	0.7200		
A	3	83.985278	27.995093	17.868	0.0004		0.94
RA	9	14.100833	1.566759				
B	2	34.534213	17.267106	6.882	0.0280		1.09
RB	6	15.054861	2.509144				
AB	6	55.855972	9.309329	3.649	0.0178		1.97
RAB	16	40.817917	2.551120				
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-20-22 (Data Column 28) Missing values in column 28 results in unbalanced data, Least Squares Analysis is preferred							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	45	237.989165					
R	3	3.316315	1.105438	0.451	0.7200		
A	3	80.659461	26.886487	17.868	0.0004		0.9
RA	9	13.542440	1.504716				
B	2	33.166658	16.583329	6.882	0.0280		1.1
RB	6	14.458689	2.409781				
AB	6	53.644076	8.940679	3.649	0.0178		1.9
RAB	16	39.201527	2.450095				
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD YIELD LBS/A Sep-20-22 (Data Column 29) Missing values in column 29 results in unbalanced data, Least Squares Analysis is preferred							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	45	18028660.199930					
R	3	251224.496560	83741.498853	0.451	0.7200		
A	3	6110286.610996	2036762.203665	17.868	0.0004		252.7
RA	9	1025895.673627	113988.408181				
B	2	2512511.057560	1256255.528780	6.882	0.0280		293.5
RB	6	1095305.257203	182550.876200				
AB	6	4063759.842727	677293.307121	3.649	0.0178		531.9
RAB	16	2969677.261258	185604.828829				
<u>Part Rated</u> Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf) Leaf = LEAF / FOLIAGE <u>Rating Unit</u> % = PERCENT In = INCH <u>ARM Action Codes</u> T1 = ([C6]+[C7]+[C8]+[C9]+[C10])/5 T2 = ([C12]+[C13]+[C14]+[C15]+[C16])/5 T3 = [C27]*0.98							

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.

University of Georgia

PEANUT RESPONSE TO REVITON YEAR 2	
Trial ID: PE-01-22	Study Dir.: SCOTT AKIN
Location: PONDER FARM	Investigator: Eric P. Prostko
TY4 = 275.23466667*[28]	

Means followed by same letter or symbol do not significantly differ ($P \geq .10$, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

University of Georgia

PEANUT RESPONSE TO REVITON YEAR 2													
Trial ID: PE-01-22				Study Dir.: SCOTT AKIN									
Location: PONDER FARM				Investigator: Eric P. Prostko									
Weed Code						-----	-----	-----	-----	-----	-----	-----	-----
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated						Plant, -	Plant, -	Leaf, -	Plant, -	Leaf, -	Plant, -	Plant, -	Plant, -
Rating Data Type						Stand	Stunting	Necrosis	Stunting	Necrosis	Ht1	Ht2	Ht3
Rating Unit						#/5ft	%	%	%	%	In	In	In
Rating Date						May-17-22	May-17-22	May-17-22	Jun-2-22	Jun-2-22	Jun-6-22	Jun-6-22	Jun-6-22
Trt	Treatment	Form	Form	Rate									
No.	Name	Conc	Type	Rate Unit	Plot	1	2	3	4	5	6	7	8
1	PRE				101	29.0	0.0	0.0	0.0	0.0	4.50	5.00	4.50
	REVITON	2.83	SC	0.0 oz/a	208	30.0	0.0	0.0	0.0	0.0	5.50	5.00	5.50
					306	27.0	0.0	0.0	0.0	0.0	4.00	4.50	4.50
					405	26.0	0.0	0.0	0.0	0.0	5.00	5.00	6.00
					Mean =	28.0	0.0	0.0	0.0	0.0	4.75	4.88	5.13
2	PRE				102	26.0	0.0	0.0	0.0	0.0	4.00	4.50	4.00
	REVITON	2.83	SC	1.0 oz/a	203	25.0	0.0	0.0	10.0	0.0	5.00	6.00	5.50
					312	25.0	0.0	0.0	0.0	0.0	4.00	4.50	5.00
					408	25.0	0.0	0.0	0.0	0.0	5.50	4.50	4.50
					Mean =	25.3	0.0	0.0	2.5	0.0	4.63	4.88	4.75
3	PRE				103	26.0	0.0	0.0	10.0	0.0	5.50	5.00	3.50
	REVITON	2.83	SC	2.0 oz/a	207	33.0	0.0	0.0	0.0	0.0	4.00	5.00	5.00
					302	24.0	10.0	0.0	0.0	0.0	4.50	5.00	5.00
					401	24.0	10.0	0.0	0.0	0.0	5.00	4.50	4.50
					Mean =	26.8	5.0	0.0	2.5	0.0	4.75	4.88	4.50
4	29 DAP				104	27.0	0.0	0.0	0.0	0.0	4.50	6.50	4.50
	REVITON	2.83	SC	0.0 oz/a	201	25.0	0.0	0.0	0.0	0.0	4.00	4.00	6.00
					303	28.0	0.0	0.0	0.0	0.0	4.00	3.50	4.50
					411	27.0	0.0	0.0	0.0	0.0	5.50	5.00	5.00
					Mean =	26.8	0.0	0.0	0.0	0.0	4.50	4.75	5.00
5	29 DAP				105	26.0	0.0	0.0	30.0	65.0	3.00	3.00	3.50
	REVITON	2.83	SC	1.0 oz/a	211	24.0	0.0	0.0	30.0	65.0	4.00	3.00	3.00
					309	26.0	0.0	0.0	30.0	65.0	3.00	3.00	3.00
					407	28.0	0.0	0.0	30.0	65.0	4.00	3.00	3.50
					Mean =	26.0	0.0	0.0	30.0	65.0	3.50	3.00	3.25
6	29 DAP				106	24.0	0.0	0.0	30.0	75.0	2.50	2.00	2.00
	REVITON	2.83	SC	2.0 oz/a	204	27.0	0.0	0.0	30.0	75.0	3.00	2.00	3.00
					308	29.0	0.0	0.0	30.0	75.0	2.50	2.50	3.00
					403	27.0	0.0	0.0	30.0	75.0	3.00	4.00	3.00
					Mean =	26.8	0.0	0.0	30.0	75.0	2.75	2.63	2.75
7	57 DAP				107	28.0	0.0	0.0	0.0	0.0	5.50	5.00	5.50
	REVITON	2.83	SC	0.0 oz/a	205	27.0	0.0	0.0	0.0	0.0	4.50	5.50	5.00
					310	31.0	0.0	0.0	0.0	0.0	4.00	5.00	4.00
					402	25.0	0.0	0.0	0.0	0.0	4.00	6.00	5.00
					Mean =	27.8	0.0	0.0	0.0	0.0	4.50	5.38	4.88
8	57 DAP				108	27.0	0.0	0.0	0.0	0.0	5.50	4.50	5.00
	REVITON	2.83	SC	1.0 oz/a	202	27.0	0.0	0.0	0.0	0.0	5.50	5.00	4.50
					305	27.0	0.0	0.0	0.0	0.0	6.00	5.50	4.00
					410	28.0	0.0	0.0	0.0	0.0	4.50	5.00	4.50
					Mean =	27.3	0.0	0.0	0.0	0.0	5.38	5.00	4.50
9	57 DAP				109	28.0	0.0	0.0	0.0	0.0	5.50	5.00	6.50
	REVITON	2.83	SC	2.0 oz/a	206	24.0	0.0	0.0	0.0	0.0	3.50	3.50	4.00
					311	27.0	0.0	0.0	0.0	0.0	5.50	5.50	5.00
					406	25.0	0.0	0.0	0.0	0.0	5.00	7.00	5.50
					Mean =	26.0	0.0	0.0	0.0	0.0	4.88	5.25	5.25
10	92 DAP				110	27.0	0.0	0.0	0.0	0.0	5.00	5.50	5.00
	REVITON	2.83	SC	0.0 oz/a	209	29.0	0.0	0.0	0.0	0.0	5.00	6.00	5.00
					307	27.0	0.0	0.0	0.0	0.0	5.00	4.00	6.00
					409	26.0	0.0	0.0	0.0	0.0	5.00	6.00	6.00
					Mean =	27.3	0.0	0.0	0.0	0.0	5.00	5.38	5.50
11	92 DAP				111	28.0	0.0	0.0	0.0	0.0	5.50	5.50	6.00
	REVITON	2.83	SC	1.0 oz/a	212	24.0	0.0	0.0	0.0	0.0	4.50	3.50	5.00
					304	25.0	0.0	0.0	0.0	0.0	4.50	4.00	4.00
					412	28.0	0.0	0.0	0.0	0.0	5.00	6.50	5.00
					Mean =	26.3	0.0	0.0	0.0	0.0	4.88	4.88	5.00

University of Georgia

PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	-----	-----	-----	-----	-----			
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant, -	Plant, -	Leaf, -	Plant, -	Leaf, -	Plant, -	Plant, -	Plant, -
Rating Data Type	Stand	Stunting	Necrosis	Stunting	Necrosis	Ht1	Ht2	Ht3
Rating Unit	#/5ft	%	%	%	%	In	In	In
Rating Date	May-17-22	May-17-22	May-17-22	Jun-2-22	Jun-2-22	Jun-6-22	Jun-6-22	Jun-6-22
Trt Treatment Form Form Rate								
No. Name Conc Type Rate Unit Plot	1	2	3	4	5	6	7	8
12 92 DAP	27.0	0.0	0.0	0.0	0.0	4.50	5.00	4.50
REVITON 2.83 SC 2.0 oz/a	30.0	0.0	0.0	0.0	0.0	4.00	4.50	5.00
301	26.0	0.0	0.0	0.0	0.0	5.50	5.00	4.00
404	25.0	0.0	0.0	0.0	0.0	4.00	5.00	4.50
Mean =	27.0	0.0	0.0	0.0	0.0	4.50	4.88	4.50

University of Georgia

PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22

Study Dir.: SCOTT AKIN

Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Arahy Plant, - Ht4 In Jun-6-22	Arahy Plant, - Ht5 In Jun-6-22	----- ARAHY PLANT, - HGT-AVG IN Jun-6-22	Arahy Plant, - Wt1 In Jun-6-22	Arahy Plant, - Wt2 In Jun-6-22	Arahy Plant, - Wt3 In Jun-6-22	Arahy Plant, - Wt4 In Jun-6-22	Arahy Plant, - Wt5 In Jun-6-22
Trt	Treatment	Form	Form	Rate									
No.	Name	Conc	Type	Rate Unit	Plot	9	10	11	12	13	14	15	16
1	PRE				101	5.00	5.00	4.8	9.00	7.00	9.00	8.00	7.00
	REVITON	2.83	SC	0.0 oz/a	208	5.50	5.00	5.3	10.00	9.00	9.00	8.00	8.00
					306	4.00	4.00	4.2	7.00	6.00	7.00	9.00	7.00
					405	5.00	5.00	5.2	9.00	10.00	9.00	10.00	7.50
					Mean =	4.88	4.75	4.9	8.75	8.00	8.50	8.75	7.38
2	PRE				102	5.00	4.50	4.4	8.00	7.50	10.00	10.00	8.00
	REVITON	2.83	SC	1.0 oz/a	203	4.50	5.00	5.2	9.50	10.00	10.00	9.00	8.00
					312	5.00	5.50	4.8	7.00	7.50	8.00	9.00	10.00
					408	6.50	5.00	5.2	7.50	8.00	6.00	8.00	5.00
					Mean =	5.25	5.00	4.9	8.00	8.25	8.50	9.00	7.75
3	PRE				103	5.50	4.00	4.7	11.00	8.00	8.00	9.00	10.50
	REVITON	2.83	SC	2.0 oz/a	207	5.00	5.00	4.8	9.00	9.50	11.00	11.50	9.50
					302	3.50	5.00	4.6	8.00	10.00	11.50	11.00	10.00
					401	5.00	5.00	4.8	8.00	10.00	9.00	10.00	8.00
					Mean =	4.75	4.75	4.7	9.00	9.38	9.88	10.38	9.50
4	29 DAP				104	4.00	4.50	4.8	9.00	10.00	8.00	7.50	7.00
	REVITON	2.83	SC	0.0 oz/a	201	5.00	5.50	4.9	7.00	6.00	8.00	9.00	9.00
					303	5.00	5.00	4.4	11.00	9.00	9.00	9.00	10.00
					411	5.00	5.50	5.2	11.00	12.00	11.50	10.00	9.00
					Mean =	4.75	5.13	4.8	9.50	9.25	9.13	8.88	8.75
5	29 DAP				105	3.00	3.00	3.1	5.00	6.00	5.00	6.00	7.00
	REVITON	2.83	SC	1.0 oz/a	211	2.50	3.00	3.1	6.00	7.00	6.50	4.50	5.00
					309	3.50	3.50	3.2	6.00	6.00	7.00	5.50	5.00
					407	3.00	4.00	3.5	7.00	6.00	7.00	6.00	5.50
					Mean =	3.00	3.38	3.2	6.00	6.25	6.38	5.50	5.63
6	29 DAP				106	2.00	2.00	2.1	3.00	4.00	4.00	4.00	4.50
	REVITON	2.83	SC	2.0 oz/a	204	2.50	2.50	2.6	6.00	5.00	4.50	5.00	5.00
					308	2.50	3.50	2.8	5.00	6.00	5.50	5.50	5.00
					403	3.00	2.50	3.1	5.00	6.00	5.00	4.00	5.00
					Mean =	2.50	2.63	2.7	4.75	5.25	4.75	4.63	4.88
7	57 DAP				107	6.50	6.00	5.7	10.00	7.00	8.00	9.00	9.00
	REVITON	2.83	SC	0.0 oz/a	205	5.00	5.50	5.1	10.00	15.00	11.00	11.50	11.00
					310	5.00	4.00	4.4	8.00	8.00	8.00	7.50	6.00
					402	5.00	4.50	4.9	10.00	10.00	11.00	10.00	11.00
					Mean =	5.38	5.00	5.0	9.50	10.00	9.50	9.50	9.25
8	57 DAP				108	3.50	4.50	4.6	8.00	7.00	9.00	9.50	7.50
	REVITON	2.83	SC	1.0 oz/a	202	5.00	5.00	5.0	9.00	9.50	8.50	10.00	11.00
					305	5.50	6.00	5.4	10.00	8.00	10.00	9.00	11.00
					410	5.00	5.00	4.8	9.00	9.00	7.50	8.00	6.50
					Mean =	4.75	5.13	5.0	9.00	8.38	8.75	9.13	9.00
9	57 DAP				109	4.00	6.00	5.4	9.00	6.00	10.00	9.00	6.00
	REVITON	2.83	SC	2.0 oz/a	206	5.50	4.50	4.2	7.00	7.00	7.00	6.50	7.50
					311	6.00	6.00	5.6	10.00	11.00	10.00	10.00	10.00
					406	5.00	5.00	5.5	9.00	8.50	8.00	8.00	9.00
					Mean =	5.13	5.38	5.2	8.75	8.13	8.75	8.38	8.13
10	92 DAP				110	5.00	5.00	5.1	9.00	8.00	7.00	9.00	6.50
	REVITON	2.83	SC	0.0 oz/a	209	6.00	5.00	5.4	9.00	7.00	6.50	8.00	8.00
					307	6.00	5.50	5.3	9.50	8.00	9.50	10.00	8.00
					409	6.00	4.50	5.5	8.00	10.00	9.00	9.00	9.50
					Mean =	5.75	5.00	5.3	8.88	8.25	8.00	9.00	8.00
11	92 DAP				111	5.50	5.00	5.5	9.00	8.00	9.00	11.50	10.50
	REVITON	2.83	SC	1.0 oz/a	212	5.00	4.50	4.5	6.00	8.00	6.00	8.00	8.00
					304	4.50	4.00	4.2	9.00	9.50	9.00	7.00	9.00
					412	5.00	5.50	5.4	5.50	8.00	7.50	8.00	7.00
					Mean =	5.00	4.75	4.9	7.38	8.38	7.88	8.63	8.63

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PEANUT RESPONSE TO REVITON									
YEAR 2									
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code		Arahy	Arahy	-----	Arahy	Arahy	Arahy	Arahy	Arahy
Crop Code		Plant, -	Plant, -	ARAHY	Plant, -	Plant, -	Plant, -	Plant, -	Plant, -
Part Rated		Ht4	Ht5	PLANT, -	Wt1	Wt2	Wt3	Wt4	Wt5
Rating Data Type		In	In	HGT-AVG	In	In	In	In	In
Rating Unit		Jun-6-22	Jun-6-22	IN	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22	Jun-6-22
Rating Date									
Trt Treatment Form Form Rate									
No. Name Conc Type Rate Unit Plot		9	10	11	12	13	14	15	16
12 92 DAP		4.00	4.00	4.4	6.50	8.00	8.00	8.00	8.00
REVITON 2.83 SC 2.0 oz/a	112	4.50	5.50	4.7	9.00	9.00	6.00	7.00	8.00
	301	5.50	6.00	5.2	11.00	9.00	10.00	10.50	12.00
	404	5.00	5.00	4.7	8.00	11.00	9.00	8.00	8.00
Mean =		4.75	5.13	4.8	8.63	9.25	8.25	8.38	9.00

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PEANUT RESPONSE TO REVITON YEAR 2													
Trial ID: PE-01-22		Study Dir.: SCOTT AKIN											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Arahy Plant, - WDTH-AVG In Jun-6-22	Arahy Plant, - Stunting % Jun-16-22	Arahy Stnting % Jun-27-22	Arahy Necrosis % Jun-27-22	Arahy Plant, - Stunting % Jul-5-22	Arahy Leaf, - Necrosis % Jul-5-22	Arahy Plant, - Stunting % Jul-20-22	Arahy Plant, - Necrosis % Jul-20-22
Trt	Treatment	Form	Form	Rate		17	18	19	20	21	22	23	24
No.	Name	Conc	Type	Rate Unit	Plot								
1	PRE				101	8.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	0.0 oz/a	208	8.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					306	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					405	9.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	8.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	PRE				102	8.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	1.0 oz/a	203	9.30	10.0	0.0	0.0	0.0	0.0	0.0	0.0
					312	8.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					408	6.90	0.0	0.0	0.0	5.0	0.0	5.0	0.0
					Mean =	8.30	2.5	0.0	0.0	1.3	0.0	1.3	0.0
3	PRE				103	9.30	10.0	0.0	0.0	5.0	0.0	0.0	0.0
	REVITON	2.83	SC	2.0 oz/a	207	10.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					302	10.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					401	9.00	0.0	0.0	0.0	5.0	0.0	0.0	0.0
					Mean =	9.63	2.5	0.0	0.0	2.5	0.0	0.0	0.0
4	29 DAP				104	8.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	0.0 oz/a	201	7.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					303	9.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					411	10.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	9.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	29 DAP				105	5.80	30.0	50.0	0.0	30.0	0.0	15.0	0.0
	REVITON	2.83	SC	1.0 oz/a	211	5.80	30.0	40.0	0.0	30.0	0.0	0.0	0.0
					309	5.90	30.0	40.0	0.0	30.0	0.0	10.0	0.0
					407	6.30	30.0	50.0	0.0	30.0	0.0	15.0	0.0
					Mean =	5.95	30.0	45.0	0.0	30.0	0.0	10.0	0.0
6	29 DAP				106	3.90	35.0	60.0	0.0	40.0	0.0	20.0	0.0
	REVITON	2.83	SC	2.0 oz/a	204	5.10	35.0	60.0	0.0	30.0	0.0	15.0	0.0
					308	5.40	35.0	50.0	0.0	35.0	0.0	15.0	0.0
					403	5.00	35.0	60.0	0.0	40.0	0.0	20.0	0.0
					Mean =	4.85	35.0	57.5	0.0	36.3	0.0	17.5	0.0
7	57 DAP				107	8.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	0.0 oz/a	205	11.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					310	7.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					402	10.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	9.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	57 DAP				108	8.20	0.0	0.0	0.0	20.0	50.0	10.0	0.0
	REVITON	2.83	SC	1.0 oz/a	202	9.60	0.0	0.0	0.0	15.0	50.0	15.0	20.0
					305	9.60	0.0	0.0	0.0	25.0	50.0	20.0	20.0
					410	8.00	0.0	0.0	0.0	15.0	50.0	15.0	10.0
					Mean =	8.85	0.0	0.0	0.0	18.8	50.0	15.0	12.5
9	57 DAP				109	8.00	0.0	0.0	0.0	25.0	50.0	10.0	15.0
	REVITON	2.83	SC	2.0 oz/a	206	7.00	0.0	0.0	0.0	20.0	50.0	20.0	15.0
					311	10.20	0.0	0.0	0.0	20.0	50.0	10.0	15.0
					406	8.50	0.0	0.0	0.0	20.0	50.0	15.0	10.0
					Mean =	8.43	0.0	0.0	0.0	21.3	50.0	13.8	13.8
10	92 DAP				110	7.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	0.0 oz/a	209	7.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					307	9.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					409	9.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	8.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	92 DAP				111	9.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	1.0 oz/a	212	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					304	8.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					412	7.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	8.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO REVITON YEAR 2														
Trial ID: PE-01-22				Study Dir.: SCOTT AKIN										
Location: PONDER FARM				Investigator: Eric P. Prostko										
Weed Code				Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Crop Code				Plant, -	Plant, -	Stnting	Necrosis	Plant, -	Leaf, -	Plant, -	Plant, -	Plant, -	Plant, -	
Part Rated				WDTH-AVG	Stunting	%	%	Stunting	Necrosis	Stunting	Stunting	Necrosis	Necrosis	
Rating Data Type				In	%	%	%	%	%	%	%	%	%	
Rating Unit				Jun-6-22	Jun-16-22	Jun-27-22	Jun-27-22	Jul-5-22	Jul-5-22	Jul-20-22	Jul-20-22	Jul-20-22	Jul-20-22	
Rating Date														
Trt	Treatment	Form	Form	Rate										
No.	Name	Conc	Type	Rate	Unit	Plot	17	18	19	20	21	22	23	24
12	92 DAP					112	7.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	REVITON	2.83	SC	2.0	oz/a	210	7.80	0.0	0.0		0.0	0.0	0.0	0.0
						301	10.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						404	8.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	8.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22

Study Dir.: SCOTT AKIN

Location: PONDER FARM

Investigator: Eric P. Prostko

Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Arahy Plant, - Stunting % Aug-9-22	Arahy Leaf, - Necrosis % Aug-9-22	----- ARAHY YIELD, - DIRTY LBS/PLOT Sep-20-22	----- ARAHY YIELD, - CLEAN LBS/PLOT Sep-20-22	----- ARAHY YIELD, - YIELD LBS/A Sep-20-22
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Plot	25	26	27	28	29
1	PRE				101	0.0	0.0	15.30	15.0	4126.9
	REVITON	2.83	SC	0.0 oz/a	208	0.0	0.0	15.90	15.6	4288.7
					306	0.0	0.0	15.40	15.1	4153.8
					405	0.0	0.0	17.20	16.9	4639.4
					Mean =	0.0	0.0	15.95	15.6	4302.2
2	PRE				102	0.0	0.0	19.40	19.0	5232.8
	REVITON	2.83	SC	1.0 oz/a	203	0.0	0.0	20.50	20.1	5529.5
					312	0.0	0.0	18.00	17.6	4855.1
					408	5.0	0.0	14.90	14.6	4019.0
					Mean =	1.3	0.0	18.20	17.8	4909.1
3	PRE				103	0.0	0.0	17.70	17.3	4774.2
	REVITON	2.83	SC	2.0 oz/a	207	10.0	0.0	15.40	15.1	4153.8
					302	0.0	0.0	19.40	19.0	5232.8
					401	0.0	0.0	18.50	18.1	4990.0
					Mean =	2.5	0.0	17.75	17.4	4787.7
4	29 DAP				104	0.0	0.0	15.70	15.4	4234.8
	REVITON	2.83	SC	0.0 oz/a	201	0.0	0.0	16.10	15.8	4342.7
					303	0.0	0.0	15.90	15.6	4288.7
					411	0.0	0.0	16.50	16.2	4450.5
					Mean =	0.0	0.0	16.05	15.7	4329.2
5	29 DAP				105	15.0	0.0	13.20	12.9	3560.4
	REVITON	2.83	SC	1.0 oz/a	211	10.0	0.0	12.40	12.2	3344.7
					309	5.0	0.0	15.00	14.7	4046.0
					407	10.0	0.0	13.90	13.6	3749.2
					Mean =	10.0	0.0	13.63	13.4	3675.1
6	29 DAP				106	25.0	0.0	12.30	12.1	3317.7
	REVITON	2.83	SC	2.0 oz/a	204	15.0	0.0	15.70	15.4	4234.8
					308	10.0	0.0	14.40	14.1	3884.1
					403	20.0	0.0	12.00	11.8	3236.8
					Mean =	17.5	0.0	13.60	13.3	3668.3
7	57 DAP				107	0.0	0.0	14.80	14.5	3992.0
	REVITON	2.83	SC	0.0 oz/a	205	0.0	0.0	16.70	16.4	4504.5
					310	0.0	0.0	15.20	14.9	4099.9
					402	0.0	0.0	18.00	17.6	4855.1
					Mean =	0.0	0.0	16.18	15.9	4362.9
8	57 DAP				108	10.0	0.0	11.60	11.4	3128.9
	REVITON	2.83	SC	1.0 oz/a	202	25.0	10.0	11.00	10.8	2967.0
					305	20.0	0.0	11.30	11.1	3047.9
					410	10.0	0.0	14.50	14.2	3911.1
					Mean =	16.3	2.5	12.10	11.9	3263.7
9	57 DAP				109	15.0	0.0	.	.	.
	REVITON	2.83	SC	2.0 oz/a	206	20.0	0.0	10.90	10.7	2940.1
					311	15.0	0.0	14.70	14.4	3965.0
					406	10.0	0.0	13.80	13.5	3722.3
					Mean =	15.0	0.0	13.13	12.9	3542.5
10	92 DAP				110	0.0	0.0	18.40	18.0	4963.0
	REVITON	2.83	SC	0.0 oz/a	209	0.0	0.0	.	.	.
					307	0.0	0.0	16.40	16.1	4423.6
					409	0.0	0.0	17.70	17.3	4774.2
					Mean =	0.0	0.0	17.50	17.2	4720.3
11	92 DAP				111	5.0	20.0	13.20	12.9	3560.4
	REVITON	2.83	SC	1.0 oz/a	212	10.0	20.0	14.80	14.5	3992.0
					304	10.0	30.0	14.50	14.2	3911.1
					412	25.0	25.0	13.60	13.3	3668.3
					Mean =	12.5	23.8	14.03	13.7	3783.0

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PEANUT RESPONSE TO REVITON

YEAR 2

Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code					
Crop Code					
Part Rated					
Rating Data Type					
Rating Unit					
Rating Date					
	Arahy	Arahy	-----	-----	-----
	Plant, -	Leaf, -	ARAHY	ARAHY	ARAHY
	Stunting	Necrosis	YIELD, -	YIELD, -	YIELD, -
	%	%	DIRTY	CLEAN	YIELD
	Aug-9-22	Aug-9-22	LBS/PLOT	LBS/PLOT	LBS/A
			Sep-20-22	Sep-20-22	Sep-20-22
Trt Treatment Form Form Rate					
No. Name Conc Type Rate Unit Plot	25	26	27	28	29
12 92 DAP	10.0	30.0	13.40	13.1	3614.4
REVITON 2.83 SC 2.0 oz/a	20.0	30.0	14.80	14.5	3992.0
	10.0	35.0	16.50	16.2	4450.5
	10.0	25.0	14.00	13.7	3776.2
Mean =	12.5	30.0	14.68	14.4	3958.3

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PEANUT RESPONSE TO REVITON**YEAR 2**

Trial ID: PE-01-22 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

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

Leaf = LEAF / FOLIAGE

Rating Unit

% = PERCENT

In = INCH

ARM Action Codes

T1 = ([C6]+[C7]+[C8]+[C9]+[C10])/5

T2 = ([C12]+[C13]+[C14]+[C15]+[C16])/5

T3 = [C27]*0.98

TY4 = 275.23466667*[28]