

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST	
Trial ID: PE-14-21	Study Dir.: SCOTT AKIN
Location: PONDER FARM	Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
 Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Product Rate Unit	Product Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
1	NTC				0.0 oz/a						-	101	202	304
2	REVITON	2.83	SC	2.0 oz/a			PRE	A	15 GPA	1.562 mL/mx	1498.4 mL	102	203	301
3	REVITON INDUCE	2.83	SC	1.0 oz/a 0.25 % v/v	1.0 oz/a 0.25 % v/v		POST B POST B		15 GAL/AC 15 GAL/AC	0.7812 mL/mx 3.75 mL/mx	1495.5 mL	103	204	302
4	REVITON INDUCE	2.83	SC	2.0 oz/a 0.25 % v/v	2.0 oz/a 0.25 % v/v		POST B POST B		15 GAL/AC 15 GAL/AC	1.562 mL/mx 3.75 mL/mx	1494.7 mL	104	201	303

Sort Order: Treatment

Trial Comments	
<p>MAINTAINED WEED-FREE</p> <p>PROWL H20 @ 32 OZ/A + STRONGARM @ 0.45 OZ/A (PRE) - 05/04/21</p> <p>DIGGING DATE: 09/23/21 HARVEST DATE: 09/28/21 HARVEST MOISTURE: 11.1% YIELD ADJUSTED TO 10% 2% DEDUCTED FOR FM</p> <p><u>SUMMARY:</u></p> <p>1) PRE APPLICATIONS OF REVITON @ 2 OZ/A HAD NO EFFECT ON PEANUT CHLOROSIS, NECROSIS, STUNTING, AND PLANT HEIGHT/WIDTH.</p> <p>2) POST APPLICATIONS OF REVITON @ 1 OR 2 OZ/A CAUSED SIGNIFICANT PEANUT INJURY IN THE FORM OF LEAF NECROSIS, STUNTING, AND PLANT HEIGHT/WIDTH REDUCTIONS. GENERALLY, 2 OZ/A WAS MORE INJURIOUS THAN 1 OZ/A.</p> <p>3) PEANUT YIELDS WERE NOT SIGNIFICANTLY REDUCED BY ANY REVITON TREATMENT (P=0.2037).</p>	

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 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: _____ **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.			

Crop 1: ARAHY PEANUT **Variety:** GA-06G
Planting Date: May-3-21 **Planting Method:** MONSOEM TWIN ROW
Rate: 3.1 SEED/FT **Depth:** 2 IN **Perennial Age:** _____
Row Spacing: _____ **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

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

Trial Initiation Comments: _____

No.	Previous Crops	Previous Pesticides	Year
1.	FALLOW		2020

MAINTENANCE

Field Prep./Maintenance: 300 LBS/A 5-15-30 PREPLANT
 RANCONA SEED TRT
 THIMET 20G INFR@ 5.25 LBS/A
 1000 LBS/A GYPSUM
 CADRE @ 4 OZ/A + DUAL MAGNUM @ 16 OZ/A - 06/03/21

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

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

SOIL DESCRIPTION

% Sand: 94	% OM: 0.91	Texture:	SAND
% Silt: 0	pH: 6.0	Soil Name:	TIFTON
% Clay: 6	CEC: 3.6	Fert. Level:	GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-3-21		0.1	IN	RAINFALL		
2.	May-4-21		1.15	IN	RAINFALL		
3.	May-8-21		0.4	IN	SPRINKLER - LATERAL MOVE		
4.	May-11-21		0.15	IN	RAINFALL		
5.	May-12-21		0.6	IN	RAINFALL		
6.	May-20-21		0.5	IN	SPRINKLER - LATERAL MOVE		
7.	May-24-21		0.5	IN	SPRINKLER - LATERAL MOVE		
8.	Jun-1-21		0.5	IN	SPRINKLER - LATERAL MOVE		
9.	Jun-4-21		0.45	IN	SPRINKLER - LATERAL MOVE		
10.	Jun-4-21		0.6	IN	RAINFALL		
11.	Jun-6-21		0.4	IN	RAINFALL		
12.	Jun-7-21		1.25	IN	RAINFALL		
13.	Jun-8-21		0.15	IN	RAINFALL		
14.	Jun-11-21		0.3	IN	RAINFALL		
15.	Jun-15-21		0.3	IN	RAINFALL		
16.	Jun-17-21		0.46	IN	SPRINKLER - LATERAL MOVE		
17.	Jun-20-21		1.0	IN	RAINFALL		
18.	Jun-21-21		2.4	IN	RAINFALL		

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

APPLICATION DESCRIPTION

	A	B
Application Date:	May-4-21	Jun-2-21
Time of Day:	7:00 AM	6:45 AM
Application Method:	BROADCAST	BROADCAST
Application Timing:	PRE	POST
Applic. Placement:	SOIL	FOLIAGE
Air Temp., Unit:	68 F	67 F
% Relative Humidity:	99	95
Wind Velocity, Unit:	2 MPH	3 MPH
Dew Presence (Y/N):	N	Y
Water Hardness:	--	--
Soil Temp., Unit:	70 F	70 F
Soil Moisture:	OPTIMUM	WET
% Cloud Cover:	5	100

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

CROP STAGE AT EACH APPLICATION		
	A	B
Crop 1 Code, Stage:	ARAHY,	ARAHY,
Stage Scale:		R1
Height, Unit:	,	3, IN

WEED STAGE AT EACH APPLICATION		
	A	B
Weed 1 Code, Stage:	,	,
Stage Scale:		
Density, Unit:		

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

Trt No	Treatment Application Comment

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Weed Code						
Crop Code						
Part Rated						
Rating Data Type	Stand	Injury	Stunt	Chlorosi	Necrosis	Arahy Leaf, - Necrosis
Rating Unit	#/5 ft	%	%	%	%	%
Rating Date	May-13-21	May-13-21	May-20-21	May-20-21	May-20-21	Jun-4-21
Trt No.	1	2	3	4	5	6
Treatment Name						
Form Conc						
Form Type						
Product Rate						
Product Rate Unit						
Grow Stg						
Appl Code						
1 NTC	22.7 a	0.0 a	0.0 a	0.0 b	0.0 a	0.0 c
2 REVITON 2.83 SC	24.0 a	0.0 a	3.3 a	5.0 a	0.0 a	0.0 c
3 REVITON 2.83 SC INDUCE	24.7 a	0.0 a	0.0 a	0.0 b	0.0 a	60.0 b
4 REVITON 2.83 SC INDUCE	23.3 a	0.0 a	0.0 a	0.0 b	0.0 a	71.7 a
LSD P=.10	3.77	.	4.58	.	.	2.29
Standard Deviation	2.37	0.00	2.89	0.00	0.00	1.44
CV	10.03	0.0	346.41	0.0	0.0	4.38
Grand Mean	23.67	0.00	0.83	1.25	0.00	32.92
Bartlett's X2^	4.042	.	3.637	.	.	3.637
P(Bartlett's X2)	0.257	.	0.303	.	.	0.303

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.
 Could not calculate LSD (% mean diff) for columns 2,4,5,8 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST							
Trial ID: PE-14-21		Study Dir.: SCOTT AKIN					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated	Plant, -	Stunting	Height1	Ht2	Ht3	Ht4	Ht5
Rating Data Type	Stunting	%	Inches	In	In	In	In
Rating Unit	%	%	Inches	In	In	In	In
Rating Date	Jun-11-21	Jun-29-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate	Grow Unit	Appl Stg Code
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate	Grow Unit	Appl Stg Code
1	NTC			0.0 oz/a			
2	REVITON	2.83 SC				PRE	A
3	REVITON	2.83 SC		1.0 oz/a		POST	B
	INDUCE			0.25 % v/v		POST	B
4	REVITON	2.83 SC		2.0 oz/a		POST	B
	INDUCE			0.25 % v/v		POST	B
LSD P=.10				6.06			
Standard Deviation				3.82	0.00		
CV				15.53	0.0		
Grand Mean				24.58	27.50		
Bartlett's X2^				1.968			
P(Bartlett's X2)				0.579			

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.
 Could not calculate LSD (% mean diff) for columns 2,4,5,8 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST								-----	-----	-----	-----	-----	-----	-----		
Trial ID: PE-14-21		Study Dir.: SCOTT AKIN						ARAHY	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Location: PONDER FARM		Investigator: Eric P. Prostko						AVG, -	Width1	Width2	Width3	Width4	Width5	AVG, -		
Weed Code							height	Inches	Inches	Inches	Inches	Inches	width			
Crop Code							inches					inches				
Part Rated																
Rating Data Type																
Rating Unit																
Rating Date							Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21			
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate	Grow Unit	14	15	16	17	18	19	20			
						Stg Code										
1	NTC			0.0 oz/a			14.2 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a			
2	REVITON	2.83 SC				PRE A	13.4 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a	36.0 a			
3	REVITON	2.83 SC		1.0 oz/a		POST B	11.8 b	32.7 a	32.7 b	29.0 b	33.0 ab	33.3 a	32.1 b			
	INDUCE			0.25 % v/v		POST B										
4	REVITON	2.83 SC		2.0 oz/a		POST B	10.9 b	30.7 a	31.7 b	29.7 b	29.7 b	33.0 a	30.9 b			
	INDUCE			0.25 % v/v		POST B										
LSD P=.10							1.48	4.05	2.48	4.91	3.80	4.78	2.88			
Standard Deviation							0.93	2.55	1.56	3.10	2.40	3.01	1.81			
CV							7.43	7.55	4.59	9.48	7.12	8.71	5.37			
Grand Mean							12.58	33.83	34.08	32.67	33.67	34.58	33.77			
Bartlett's X2^							2.262	0.811	4.403	1.257	15.382	8.571	3.089			
P(Bartlett's X2)							0.52	0.847	0.221	0.739	0.002*	0.036*	0.378			

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.

Could not calculate LSD (% mean diff) for columns 2,4,5,8 because error mean square = 0.

^Calculated from residual.

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code	----- ARAHY DIRTY, - YIELD LBS/PLOT	----- ARAHY CLEAN, - YIELD LBS/PLOT	----- ARAHY CLEAN, - YIELD LBS/A	----- ARAHY YIELD, - LOSS %							
Crop Code											
Part Rated											
Rating Data Type											
Rating Unit											
Rating Date	Sep-28-21	Sep-28-21	Sep-28-21	Sep-28-21							
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code	21	22	23	24
1	NTC			0.0 oz/a				19.8 a	19.4 a	5575 a	0.0 a
2	REVITON	2.83	SC			PRE	A	17.9 a	17.5 a	5032 a	10.2 a
3	REVITON	2.83	SC	1.0 oz/a		POST	B	17.2 a	16.9 a	4845 a	12.6 a
	INDUCE			0.25 % v/v		POST	B				
4	REVITON	2.83	SC	2.0 oz/a		POST	B	16.8 a	16.4 a	4713 a	14.6 a
	INDUCE			0.25 % v/v		POST	B				
LSD P=.10								2.57	2.52	721.9	11.80
Standard Deviation								1.62	1.59	455.0	7.44
CV								9.03	9.03	9.03	79.45
Grand Mean								17.93	17.57	5041.3	9.36
Bartlett's X2^								1.126	1.126	1.126	2.279
P(Bartlett's X2)								0.771	0.771	0.771	0.516

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.
 Could not calculate LSD (% mean diff) for columns 2,4,5,8 because error mean square = 0.
 ^Calculated from residual.

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST						
Trial ID: PE-14-21		Study Dir.: SCOTT AKIN				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For ----- Arahy Stand #/5 ft May-13-21 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	56.666667				
Replicate	2	16.166667	8.083333	1.433	0.3098	
Treatment	3	6.666667	2.222222	0.394	0.7621	
Error	6	33.833333	5.638889			
Randomized Complete Block (RCB) AOV For ----- Arahy Injury % May-13-21 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	0.000000000000				
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	3	0.000000000000	0.000000000000	0.000	1.0000	
Error	6	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For ----- Arahy Stunt % May-20-21 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	91.666667				
Replicate	2	16.666667	8.333333	1.000	0.4219	
Treatment	3	25.000000	8.333333	1.000	0.4547	
Error	6	50.000000	8.333333			
Randomized Complete Block (RCB) AOV For ----- Arahy Chlorosi % May-20-21 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	56.250000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	3	56.250000	18.750000	0.000	1.0000	
Error	6	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For ----- Arahy Necrosis % May-20-21 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	0.000000000000				
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000	
Treatment	3	0.000000000000	0.000000000000	0.000	1.0000	
Error	6	0.000000000000	0.000000000000			
Randomized Complete Block (RCB) AOV For ----- Arahy Leaf Necrosis % Jun-4-21 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	13222.916667				
Replicate	2	4.166667	2.083333	1.000	0.4219	
Treatment	3	13206.250000	4402.083333	2113.000	0.0001	
Error	6	12.500000	2.083333			
Randomized Complete Block (RCB) AOV For ----- Arahy Plant Stunting % Jun-11-21 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	7372.916667				
Replicate	2	29.166667	14.583333	1.000	0.4219	
Treatment	3	7256.250000	2418.750000	165.857	0.0001	
Error	6	87.500000	14.583333			
Randomized Complete Block (RCB) AOV For ----- Arahy Stunting % Jun-29-21 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	9225.000000				
Replicate	2	0.000000	0.000000	0.000	1.0000	
Treatment	3	9225.000000	3075.000000	0.000	1.0000	
Error	6	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For ----- Arahy Height1 Inches Jul-26-21 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	36.666667				
Replicate	2	16.166667	8.083333	6.767	0.0290	
Treatment	3	13.333333	4.444444	3.721	0.0802	
Error	6	7.166667	1.194444			
Randomized Complete Block (RCB) AOV For ----- Arahy Ht2 In Jul-26-21 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	43.229167				
Replicate	2	5.541667	2.770833	2.089	0.2049	
Treatment	3	29.729167	9.909722	7.471	0.0189	
Error	6	7.958333	1.326389			

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST						
Trial ID: PE-14-21		Study Dir.: SCOTT AKIN				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Randomized Complete Block (RCB) AOV For ----- Arahy Ht3 In Jul-26-21 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	60.729167				
Replicate	2	9.541667	4.770833	2.612	0.1527	
Treatment	3	40.229167	13.409722	7.342	0.0197	
Error	6	10.958333	1.826389			
Randomized Complete Block (RCB) AOV For ----- Arahy Ht4 In Jul-26-21 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	70.250000				
Replicate	2	28.500000	14.250000	7.027	0.0268	
Treatment	3	29.583333	9.861111	4.863	0.0478	
Error	6	12.166667	2.027778			
Randomized Complete Block (RCB) AOV For ----- Arahy Ht5 In Jul-26-21 (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	39.729167				
Replicate	2	19.291667	9.645833	9.851	0.0127	
Treatment	3	14.562500	4.854167	4.957	0.0460	
Error	6	5.875000	0.979167			
Randomized Complete Block (RCB) AOV For ----- ARAHY AVG height inches Jul-26-21 (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	39.482500				
Replicate	2	13.580000	6.790000	7.785	0.0215	
Treatment	3	20.669167	6.889722	7.899	0.0166	
Error	6	5.233333	0.872222			
Randomized Complete Block (RCB) AOV For ----- Arahy Width1 Inches Jul-26-21 (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	137.666667				
Replicate	2	36.166667	18.083333	2.770	0.1405	
Treatment	3	62.333333	20.777778	3.183	0.1058	
Error	6	39.166667	6.527778			
Randomized Complete Block (RCB) AOV For ----- Arahy Width2 Inches Jul-26-21 (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	62.916667				
Replicate	2	2.666667	1.333333	0.545	0.6058	
Treatment	3	45.583333	15.194444	6.216	0.0285	
Error	6	14.666667	2.444444			
Randomized Complete Block (RCB) AOV For ----- Arahy Width3 Inches Jul-26-21 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	232.666667				
Replicate	2	41.166667	20.583333	2.148	0.1979	
Treatment	3	134.000000	44.666667	4.661	0.0521	
Error	6	57.500000	9.583333			
Randomized Complete Block (RCB) AOV For ----- Arahy Width4 Inches Jul-26-21 (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	116.666667				
Replicate	2	0.166667	0.083333	0.014	0.9856	
Treatment	3	82.000000	27.333333	4.754	0.0501	
Error	6	34.500000	5.750000			
Randomized Complete Block (RCB) AOV For ----- Arahy Width5 inches Jul-26-21 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	80.916667				
Replicate	2	2.166667	1.083333	0.119	0.8896	
Treatment	3	24.250000	8.083333	0.890	0.4983	
Error	6	54.500000	9.083333			
Randomized Complete Block (RCB) AOV For ----- Arahy AVG width inches Jul-26-21 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	89.746667				
Replicate	2	8.026667	4.013333	1.222	0.3588	
Treatment	3	62.013333	20.671111	6.294	0.0278	
Error	6	19.706667	3.284444			

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Sep-28-21 (Data Column 21)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	77.886667			
Replicate	2	45.781667	22.890833	8.738	0.0167
Treatment	3	16.386667	5.462222	2.085	0.2037
Error	6	15.718333	2.619722		

Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Sep-28-21 (Data Column 22)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	74.802355			
Replicate	2	43.968713	21.984356	8.738	0.0167
Treatment	3	15.737755	5.245918	2.085	0.2037
Error	6	15.095887	2.515981		

Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/A Sep-28-21 (Data Column 23)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	6154984.961438			
Replicate	2	3617890.993447	1808945.496723	8.738	0.0167
Treatment	3	1294954.466765	431651.488922	2.085	0.2037
Error	6	1242139.501227	207023.250204		

Randomized Complete Block (RCB) AOV For ----- ARAHY YIELD LOSS % Sep-28-21 (Data Column 24)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	759.609167			
Replicate	2	48.531667	24.265833	0.439	0.6639
Treatment	3	379.389167	126.463056	2.288	0.1786
Error	6	331.688333	55.281389		

Part Rated
 Leaf = LEAF / FOLIAGE
 Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)
Rating Data Type
 height = HEIGHT
 width = WIDTH
Rating Unit
 % = PERCENT
 In = INCH
ARM Action Codes
 T1 = ([C9]+[C10]+[C11]+[C12]+[C13])/5
 T2 = ([C15]+[C16]+[C17]+[C18]+[C19])/5
 T3 = [C21]*0.98
 TY4 = 286.8506667*[C22]

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST														
Trial ID: PE-14-21		Study Dir.: SCOTT AKIN												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy Leaf, - Necrosis								
Crop Code	Stand	Injury	Stunt	Chlorosi	Necrosis	Necrosis								
Part Rated	#/5 ft	%	%	%	%	%								
Rating Data Type	May-13-21	May-13-21	May-20-21	May-20-21	May-20-21	Jun-4-21								
Rating Unit														
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5	6
1	NTC	0.0 oz/a					A	101	25.0	0.0	0.0	0.0	0.0	0.0
								202	23.0	0.0	0.0	0.0	0.0	0.0
								304	20.0	0.0	0.0	0.0	0.0	0.0
								Mean =	22.7	0.0	0.0	0.0	0.0	0.0
2	REVITON	2.83 SC					A	102	22.0	0.0	0.0	5.0	0.0	0.0
								203	24.0	0.0	0.0	5.0	0.0	0.0
								301	26.0	0.0	10.0	5.0	0.0	0.0
								Mean =	24.0	0.0	3.3	5.0	0.0	0.0
3	REVITON	2.83 SC		1.0 oz/a			B	103	27.0	0.0	0.0	0.0	0.0	60.0
	INDUCE			0.25 % v/v			B	204	24.0	0.0	0.0	0.0	0.0	60.0
								302	23.0	0.0	0.0	0.0	0.0	60.0
								Mean =	24.7	0.0	0.0	0.0	0.0	60.0
4	REVITON	2.83 SC		2.0 oz/a			B	104	27.0	0.0	0.0	0.0	0.0	70.0
	INDUCE			0.25 % v/v			B	201	22.0	0.0	0.0	0.0	0.0	70.0
								303	21.0	0.0	0.0	0.0	0.0	75.0
								Mean =	23.3	0.0	0.0	0.0	0.0	71.7

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						----- Arahy Plant, - Stunting % Jun-11-21	----- Arahy Stunting % Jun-29-21	----- Arahy Height1 Inches Jul-26-21	----- Arahy Ht2 In Jul-26-21	----- Arahy Ht3 In Jul-26-21	----- Arahy Ht4 In Jul-26-21			
Crop Code														
Part Rated														
Rating Data Type														
Rating Unit														
Rating Date														
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code							
								7	8	9	10	11	12	
1	NTC			0.0 oz/a			A	101	0.0	0.0	15.0	16.50	14.00	18.0
								202	0.0	0.0	14.0	15.00	15.00	14.0
								304	0.0	0.0	10.0	14.00	12.00	14.0
								Mean =	0.0	0.0	13.0	15.17	13.67	15.3
2	REVITON	2.83 SC					A	102	0.0	0.0	15.0	16.00	16.00	16.0
								203	10.0	0.0	13.0	13.00	11.00	11.0
								301	0.0	0.0	13.0	14.00	12.50	11.0
								Mean =	3.3	0.0	13.7	14.33	13.17	12.7
3	REVITON	2.83 SC		1.0 oz/a			B	103	40.0	50.0	12.0	11.50	12.00	12.0
	INDUCE			0.25 % v/v			B	204	35.0	50.0	12.0	11.00	11.00	13.0
								302	30.0	50.0	11.0	12.00	11.00	9.0
								Mean =	35.0	50.0	11.7	11.50	11.33	11.3
4	REVITON	2.83 SC		2.0 oz/a			B	104	60.0	60.0	12.0	12.50	10.00	13.0
	INDUCE			0.25 % v/v			B	201	60.0	60.0	12.0	13.00	9.00	12.0
								303	60.0	60.0	9.0	10.00	8.00	10.0
								Mean =	60.0	60.0	11.0	11.83	9.00	11.7

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED
PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code						
Crop Code	-----	-----	-----	-----	-----	-----
Part Rated	Arahy	ARAHY	Arahy	Arahy	Arahy	Arahy
Rating Data Type		AVG, -				
Rating Unit	Ht5	height	Width1	Width2	Width3	Width4
Rating Date	In	inches	Inches	Inches	Inches	Inches
	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21	Jul-26-21
Trt Treatment Form Form Product Product Grow Appl						
No. Name Conc Type Rate Rate Unit Stg Code Plot	13	14	15	16	17	18
1 NTC 0.0 oz/a	101 15.00	15.7	36.0	36.0	36.0	36.0
	202 15.00	14.6	36.0	36.0	36.0	36.0
	304 12.00	12.4	36.0	36.0	36.0	36.0
Mean =	14.00	14.2	36.0	36.0	36.0	36.0
2 REVITON 2.83 SC PRE A	102 15.00	15.6	36.0	36.0	36.0	36.0
	203 12.50	12.1	36.0	36.0	36.0	36.0
	301 12.00	12.5	36.0	36.0	36.0	36.0
Mean =	13.17	13.4	36.0	36.0	36.0	36.0
3 REVITON 2.83 SC 1.0 oz/a POST B	103 13.00	12.1	36.0	36.0	36.0	36.0
INDUCE 0.25 % v/v POST B	204 15.00	12.4	33.0	31.0	26.0	32.0
	302 11.00	10.8	29.0	31.0	25.0	31.0
Mean =	13.00	11.8	32.7	32.7	29.0	33.0
4 REVITON 2.83 SC 2.0 oz/a POST B	104 12.00	11.9	36.0	31.0	33.0	26.0
INDUCE 0.25 % v/v POST B	201 12.00	11.6	30.0	32.0	26.0	31.0
	303 9.00	9.2	26.0	32.0	30.0	32.0
Mean =	11.00	10.9	30.7	31.7	29.7	29.7

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED PRE OR POST														
Trial ID: PE-14-21		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 AVG, - width	----- ARAHY DIRTY, - YIELD	----- ARAHY CLEAN, - YIELD	----- ARAHY CLEAN, - YIELD	----- ARAHY YIELD, - LOSS			
						Width5 inches Jul-26-21	inches Jul-26-21	LBS/PLOT Sep-28-21	LBS/PLOT Sep-28-21	LBS/A Sep-28-21	% Sep-28-21			
Trt No.	Treatment Name	Form Conc	Form Type	Product Rate	Product Rate Unit	Grow Stg	Appl Code	Plot	19	20	21	22	23	24
1	NTC			0.0 oz/a				101	36.0	36.0	23.4	22.9	6578	0.0
								202	36.0	36.0	18.4	18.0	5172	0.0
								304	36.0	36.0	17.7	17.3	4976	0.0
								Mean =	36.0	36.0	19.8	19.4	5575	0.0
2	REVITON	2.83 SC				PRE	A	102	36.0	36.0	22.4	22.0	6297	4.3
								203	36.0	36.0	15.2	14.9	4273	17.4
								301	36.0	36.0	16.1	15.8	4526	9.0
								Mean =	36.0	36.0	17.9	17.5	5032	10.2
3	REVITON	2.83 SC		1.0 oz/a		POST	B	103	36.0	36.0	18.9	18.5	5313	19.2
	INDUCE			0.25 % v/v		POST	B	204	36.0	31.6	17.9	17.5	5032	2.7
								302	28.0	28.8	14.9	14.6	4189	15.8
								Mean =	33.3	32.1	17.2	16.9	4845	12.6
4	REVITON	2.83 SC		2.0 oz/a		POST	B	104	32.0	31.6	17.8	17.4	5004	23.9
	INDUCE			0.25 % v/v		POST	B	201	31.0	30.0	17.0	16.7	4779	7.6
								303	36.0	31.2	15.5	15.2	4357	12.4
								Mean =	33.0	30.9	16.8	16.4	4713	14.6

University of Georgia

PEANUT RESPONSE TO REVITON APPLIED

PRE OR POST

Trial ID: PE-14-21 Study Dir.: SCOTT AKIN

Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

Leaf = LEAF / FOLIAGE

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

Rating Data Type

height = HEIGHT

width = WIDTH

Rating Unit

% = PERCENT

In = INCH

ARM Action CodesT1 = $([C9]+[C10]+[C11]+[C12]+[C13])/5$ T2 = $([C15]+[C16]+[C17]+[C18]+[C19])/5$ T3 = $[C21]*0.98$ TY4 = $286.8506667*[C22]$