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PEANUT RESPONSE TO POST APPLIED BRAKE

YEAR 2

Trial ID: PE-05-25

Study Dir.: K. BRISCO

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 Unit	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	13 DAP NO BRAKE					-	101	205	309	404
2	13 DAP BRAKE	1.2 SC		16.0 oz/a	12.5 mL/mx	1487.5 mL	102	210	302	403
3	13 DAP BRAKE	1.2 SC		32.0 oz/a	25.0 mL/mx	1475 mL	103	207	308	412
4	28 DAP NO BRAKE					-	104	201	304	411
5	28 DAP BRAKE	1.2 SC		16.0 oz/a	12.5 mL/mx	1487.5 mL	105	202	306	401
6	28 DAP BRAKE	1.2 SC		32.0 oz/a	25.0 mL/mx	1475 mL	106	204	310	405
7	41 DAP NO BRAKE					-	107	206	305	402
8	41 DAP BRAKE	1.2 SC		16.0 oz/a	12.5 mL/mx	1487.5 mL	108	212	301	409
9	41 DAP BRAKE	1.2 SC		32.0 oz/a	25.0 mL/mx	1475 mL	109	211	303	410
10	57 DAP NO BRAKE					-	110	209	312	407
11	57 DAP BRAKE	1.2 SC		16.0 oz/a	12.5 mL/mx	1487.5 mL	111	203	311	408
12	57 DAP BRAKE	1.2 SC		32.0 oz/a	25.0 mL/mx	1475 mL	112	208	307	406

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

PROWL H20 (32 OZ/A) + STRONGARM (0.45 OZ/A) + VALOR @ 3 OZ/A - PRE
CADRE @ 4 OZ/A + DUAL MAGNUM @ 16 OZ/A - 06/02/25

DIGGING DATE: 09/18/25 (141 DAYS)

HARVEST DATE: 09/22/25

HARVEST MOISTURE: 11.1%

YIELDS ADJUSTED TO 10%

2% YIELD DEDUCTION FOR FM

SUMMARY:

1) ALL POST APPLICATIONS OF BRAKE CAUSED SIGNIFICANT PEANUT INJURY IN THE FORM OF BLEACHING, STUNTING, AND LEAF NECROSIS

2) 32 OZ/A OF BRAKE WAS MORE INJURIOUS THAN 16 OZ/A OF BRAKE.

3) ON AUGUST 6 RATING DATE (97 DAP), PLOTS TREATED WITH 32 OZ/A OF BRAKE APPLIED AT 41 DAP OR 57 DAP WERE STILL STUNTED (11-13%). HOWEVER, BLEACHING AND NECROSIS WAS < 8% WITH ALL TREATMENTS.

4) FOR PEANUT YIELD, THERE WAS A SIGNIFICANT INTERACTION BETWEEN BRAKE TIMING AND RATE. YIELD LOSSES WERE AS FOLLOWS:

BRAKE @ 16 OZ/A:

13 DAP: 0%

28 DAP: 14%

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PEANUT RESPONSE TO POST APPLIED BRAKE

YEAR 2

Trial ID: PE-05-25 Study Dir.: K. BRISCO
Location: PONDER FARM Investigator: Eric P. Prostko

41 DAP: 23%

57 DAP: 37%

BRAKE @ 32 OZ/A:

13 DAP: 3%

28 DAP: 18%

41 DAP: 37%

57 DAP: 40%

Study Director: KYLE BRISCOE**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-1-25**Planting Method:** _____**Variety:** GA-06G**Rate:** 3.5 SEED/FT**Depth:** 2 IN**MONOSEM****Row Spacing:** _____**Spacing Within Row:** _____**Perennial Age:** _____**Soil Temperature:** _____**Soil Moisture:** _____**Seed Bed:** _____**Emergence Date:** _____**Plot Width, Unit:** 6 FT**Plot Length, Unit:** 25 FT **Reps:** 4**Site Type:** _____**Tillage Type:** CONVENTIONAL**Study Design:** FACTOR

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PEANUT RESPONSE TO POST APPLIED BRAKE
YEAR 2
Trial ID: PE-05-25 Study Dir.: K. BRISCO
Location: PONDER FARM Investigator: Eric P. Prostko

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	CORN		2024

MAINTENANCE

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

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

% Sand: 94 % OM: 0.64 Texture: SAND
% Silt: 4 pH: 6.9 Soil Name: DOTHAN
% Clay: 2 CEC: 2.8 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-1-25		0.50	IN	SPRINKLER - LATERAL MOVE		
2.	May-3-25		0.50	IN	SPRINKLER - LATERAL MOVE		
3.	May-6-25		0.50	IN	SPRINKLER - LATERAL MOVE		
4.	May-9-25		0.47	IN	RAINFALL		
5.	May-10-25		0.11	IN	RAINFALL		
6.	May-11-25		0.42	IN	RAINFALL		
7.	May-16-25		0.50	IN	SPRINKLER - LATERAL MOVE		
8.	May-18-25		0.15	IN	SPRINKLER - LATERAL MOVE		
9.	May-21-25		0.30	IN	RAINFALL		
10.	May-23-25		0.50	IN	SPRINKLER - LATERAL MOVE		
11.	May-26-25		0.12	IN	RAINFALL		
12.	May-26-25		0.50	IN	SPRINKLER - LATERAL MOVE		
13.	May-27-25		0.10	IN	RAINFALL		
14.	May-28-25		0.50	IN	SPRINKLER - LATERAL MOVE		
15.	May-28-25		0.09	IN	RAINFALL		
16.	May-29-25		0.70	IN	RAINFALL	5	HAT
17.	Jun-4-25		0.38	IN	RAINFALL		
18.	Jun-5-25		0.57	IN	RAINFALL		
19.	Jun-9-25		0.30	IN	SPRINKLER - LATERAL MOVE		
20.	Jun-9-25		0.40	IN	RAINFALL		
21.	Jun-10-25		0.20	IN	RAINFALL		
22.	Jun-11-25		0.20	IN	RAINFALL		
23.	Jun-13-25		0.50	IN	RAINFALL		
24.	Jun-14-25		0.20	IN	RAINFALL		
25.	Jun-15-25		0.65	IN	RAINFALL		
26.	Jun-19-25		0.20	IN	RAINFALL		
27.	Jun-19-25		0.50	IN	SPRINKLER - LATERAL MOVE		

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	Date	Time	Amount	Unit	Type	Interval	Unit
28.	Jun-23-25		0.50	IN	SPRINKLER - LATERAL MOVE		
29.	Jun-26-25		0.65	IN	RAINFALL		

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

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	May-14-25	May-29-25	Jun-11-25	Jun-27-25
Time of Day:	7:11 AM	6:35 AM	6:30 AM	6:45 AM
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST
Application Timing:	13 DAP	28 DAP	41 DAP	57 DAP
Applic. Placement:	FOLIAGE	FOLIAGE	FOLIAGE	FOLIAGE
Air Temp., Unit:	64 F	70 F	71 F	71 F
% Relative Humidity:	99	96	99	96
Wind Velocity, Unit:	0 MPH	0 MPH	0 MPH	0 MPH
Dew Presence (Y/N):	Y	Y	Y	Y
Water Hardness:	--	--	-	--
Soil Temp., Unit:	70 F	72 F	75 F	76 F
Soil Moisture:	OPTIMUM	WET	WET	OPTIMUM
% Cloud Cover:	0	65	10	10

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	ARAHY,	ARAHY,	ARAHY,	ARAHY,
Stage Scale:	V2-V3	V6	R1-R2	R3-R4
Height, Unit:	2, IN	4, IN	7, IN	10, IN

WEED STAGE AT EACH APPLICATION

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

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YEAR 2
Trial ID: PE-05-25 Study Dir.: K. BRISCO
Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION EQUIPMENT				
	A	B	C	D
Appl. Equipment:	ACKPACK	SAME AS A	SAME AS A	SAME AS A
Operating Pressure:	38			
Nozzle Type:	AIXR			
Nozzle Size:	11002			
Nozzle Spacing, Unit:	20 IN			
Nozzles/Row:				
Band Width, Unit:				
Boom Length, Unit:	20 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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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2											
Trial ID: PE-05-25				Study Dir.: K. BRISCO							
Location: PONDER FARM				Investigator: Eric P. Prostko							
Crop Code				Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type				Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	
Rating Unit				%	%	%	%	%	%	%	
Rating Date				May-20-25	May-20-25	May-20-25	May-28-25	May-28-25	May-28-25	Jun-3-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate	Rate	Rate	Rate	Rate	Rate	
				Unit							
					1	2	3	4	5	6	7
TABLE OF R MEANS											
Replicate 1					1.3	9.6	0.8	2.9	9.6	2.1	6.3
Replicate 2					0.8	9.6	0.8	3.3	8.8	2.1	6.3
Replicate 3					0.8	9.6	0.8	2.9	8.8	2.1	4.6
Replicate 4					0.8	9.6	0.8	3.3	9.2	2.1	5.4
TABLE OF A (TIMING) MEANS											
1	13 DAP				3.8 a	38.3 na	3.3 na	12.5 a	36.3 a	8.3 na	17.5 a
2	28 DAP				0.0 b	0.0 na	0.0 na	0.0 b	0.0 b	0.0 na	5.0 b
3	41 DAP				0.0 b	0.0 na	0.0 na	0.0 b	0.0 b	0.0 na	0.0 c
4	57 DAP				0.0 b	0.0 na	0.0 na	0.0 b	0.0 b	0.0 na	0.0 c
LSD P=.10					0.54	.	.	0.62	1.03	.	2.07
Standard Deviation					0.72	0.00	0.00	0.83	1.38	0.00	2.76
CV					76.98	0.00	0.00	26.67	15.25	0.00	49.14
TABLE OF B (BRAKE RATE) MEANS											
1	NO BRAKE				0.0 b	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 c
2	BRAKE	1.2 SC	16.0 oz/a		1.3 a	12.5 na	1.3 na	3.1 b	10.9 b	2.5 na	5.3 b
3	BRAKE	1.2 SC	32.0 oz/a		1.6 a	16.3 na	1.3 na	6.3 a	16.3 a	3.8 na	11.6 a
LSD P=.10					0.50	.	.	1.15	0.95	.	1.69
Standard Deviation					0.72	0.00	0.00	1.67	1.38	0.00	2.47
CV					76.98	0.00	0.00	53.33	15.25	0.00	43.82
TABLE OF A (TIMING) B (BRAKE RATE) MEANS											
1	13 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
1	NO BRAKE										
2	28 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
1	NO BRAKE										
3	41 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
1	NO BRAKE										
4	57 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
1	NO BRAKE										
1	13 DAP				5.0 b	50.0 na	5.0 na	12.5 b	43.8 b	10.0 na	15.0 b
2	BRAKE	1.2 SC	16.0 oz/a								
2	28 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	6.3 c
2	BRAKE	1.2 SC	16.0 oz/a								
3	41 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
2	BRAKE	1.2 SC	16.0 oz/a								
4	57 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
2	BRAKE	1.2 SC	16.0 oz/a								
1	13 DAP				6.3 a	65.0 na	5.0 na	25.0 a	65.0 a	15.0 na	37.5 a
3	BRAKE	1.2 SC	32.0 oz/a								
2	28 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	8.8 c
3	BRAKE	1.2 SC	32.0 oz/a								
3	41 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
3	BRAKE	1.2 SC	32.0 oz/a								
4	57 DAP				0.0 c	0.0 na	0.0 na	0.0 c	0.0 c	0.0 na	0.0 d
3	BRAKE	1.2 SC	32.0 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.

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

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25 Study Dir.: K. BRISCO							
Location: PONDER FARM Investigator: Eric P. Prostko							
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type	Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting
Rating Unit	%	%	%	%	%	%	%
Rating Date	May-20-25	May-20-25	May-20-25	May-28-25	May-28-25	May-28-25	Jun-3-25
Trt Treatment							
No. Name	1	2	3	4	5	6	7
Form Form							
Conc Type							
Rate Rate							
Unit Unit							
LSD P=.10	0.88	.	.	2.04	1.69	.	2.65
Standard Deviation	0.72	0.00	0.00	1.67	1.38	0.00	2.17
CV	76.98	0.00	0.00	53.33	15.25	0.00	38.49

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2											
Trial ID: PE-05-25				Study Dir.: K. BRISCO							
Location: PONDER FARM				Investigator: Eric P. Prostko							
Crop Code Rating Data Type Rating Unit Rating Date				Arahy Bleaching % Jun-3-25	Arahy Necrosis % Jun-3-25	Arahy Stunting Jun-11-25	Arahy Bleaching Jun-11-25	Arahy Necrosis Jun-11-25	Arshy Stunting Jun-17-25	Arahy Bleaching Jun-17-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	8	9	10	11	12	13	14
TABLE OF R MEANS											
Replicate 1					14.6	4.2	9.2	7.5	2.9	8.3	15.0
Replicate 2					14.2	4.6	8.3	5.8	2.5	7.9	15.4
Replicate 3					14.2	4.6	6.3	5.4	2.5	5.8	14.6
Replicate 4					14.2	4.6	6.7	5.8	2.5	7.1	14.2
TABLE OF A (TIMING) MEANS											
1	13 DAP				13.8 b	4.6 b	20.4 a	6.3 b	0.4 b	17.5 a	1.3 c
2	28 DAP				43.3 a	13.3 a	10.0 b	18.3 a	10.0 a	11.7 b	7.9 b
3	41 DAP				0.0 c	0.0 c	0.0 c	0.0 c	0.0 b	0.0 c	50.0 a
4	57 DAP				0.0 c	0.0 c	0.0 c	0.0 c	0.0 b	0.0 c	0.0 d
LSD P=.10					0.54	0.54	2.93	1.62	0.54	2.67	1.08
Standard Deviation					0.72	0.72	3.92	2.17	0.72	3.57	1.44
CV					5.06	16.11	51.50	35.23	27.71	48.93	9.76
TABLE OF B (BRAKE RATE) MEANS											
1	NO BRAKE				0.0 c	0.0 c	0.0 c	0.0 c	0.0 b	0.0 c	0.0 c
2	BRAKE	1.2 SC	16.0 oz/a		20.0 b	6.3 b	5.9 b	6.9 b	3.8 a	7.5 b	20.9 b
3	BRAKE	1.2 SC	32.0 oz/a		22.8 a	7.2 a	16.9 a	11.6 a	4.1 a	14.4 a	23.4 a
LSD P=.10					0.50	0.50	2.31	1.83	0.50	1.98	0.95
Standard Deviation					0.72	0.72	3.36	2.67	0.72	2.89	1.38
CV					5.06	16.11	44.18	43.41	27.71	39.59	9.34
TABLE OF A (TIMING) B (BRAKE RATE) MEANS											
1	13 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	0.0 e
1	NO BRAKE										
2	28 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	0.0 e
1	NO BRAKE										
3	41 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	0.0 e
1	NO BRAKE										
4	57 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	0.0 e
1	NO BRAKE										
1	13 DAP				15.0 c	5.0 c	13.8 c	6.3 d	0.0 c	16.3 c	0.0 e
2	BRAKE	1.2 SC	16.0 oz/a								
2	28 DAP				65.0 a	20.0 a	10.0 d	21.3 b	15.0 a	13.8 c	8.8 c
2	BRAKE	1.2 SC	16.0 oz/a								
3	41 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	75.0 a
2	BRAKE	1.2 SC	16.0 oz/a								
4	57 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	0.0 e
2	BRAKE	1.2 SC	16.0 oz/a								
1	13 DAP				26.3 b	8.8 b	47.5 a	12.5 c	1.3 b	36.3 a	3.8 d
3	BRAKE	1.2 SC	32.0 oz/a								
2	28 DAP				65.0 a	20.0 a	20.0 b	33.8 a	15.0 a	21.3 b	15.0 b
3	BRAKE	1.2 SC	32.0 oz/a								
3	41 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	75.0 a
3	BRAKE	1.2 SC	32.0 oz/a								
4	57 DAP				0.0 d	0.0 d	0.0 e	0.0 e	0.0 c	0.0 d	0.0 e
3	BRAKE	1.2 SC	32.0 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.

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

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25 Study Dir.: K. BRISCO							
Location: PONDER FARM Investigator: Eric P. Prostko							
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arshy	Arahy
Rating Data Type	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	Bleaching
Rating Unit	%	%					
Rating Date	Jun-3-25	Jun-3-25	Jun-11-25	Jun-11-25	Jun-11-25	Jun-17-25	Jun-17-25
Trt Treatment							
No. Name	8	9	10	11	12	13	14
Form Form							
Conc Type Rate Unit							
LSD P=.10	0.88	0.88	3.16	2.34	0.88	3.12	1.98
Standard Deviation	0.72	0.72	2.58	1.91	0.72	2.55	1.61
CV	5.06	16.11	33.93	31.07	27.71	34.91	10.91

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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Mean separation letters are 'na' (not applicable) when error variance is 0

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2											
Trial ID: PE-05-25		Study Dir.: K. BRISCO									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Crop Code Rating Data Type Rating Unit Rating Date				Arahy Necrosis %	Arahy Stunting %	Arahy Bleaching %	Arahy Necrosis %	Arahy Stunting %	Arahy Bleaching %	Arahy Necrosis %	
				Jun-17-25	Jun-25-25	Jun-25-25	Jun-25-25	Jun-30-25	Jun-30-25	Jun-30-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit							
					15	16	17	18	19	20	21
TABLE OF R MEANS											
Replicate 1					2.5	12.1	5.4	2.9	13.3	5.4	2.1
Replicate 2					2.9	10.4	3.8	3.3	8.8	4.2	2.1
Replicate 3					1.7	9.6	3.3	3.3	8.8	5.0	2.1
Replicate 4					2.1	10.0	3.3	3.3	8.3	5.0	2.1
TABLE OF A (TIMING) MEANS											
1	13 DAP				0.0 b	14.2 a	0.8 b	0.0 b	12.9 b	0.0 c	0.0 na
2	28 DAP				0.8 b	12.9 a	0.4 b	0.0 b	10.0 c	0.8 c	0.0 na
3	41 DAP				8.3 a	15.0 a	14.6 a	12.9 a	16.3 a	7.1 b	8.3 na
4	57 DAP				0.0 b	0.0 b	0.0 b	0.0 b	0.0 d	11.7 a	0.0 na
LSD P=.10					0.95	2.34	1.48	0.54	2.42	1.54	.
Standard Deviation					1.27	3.13	1.98	0.72	3.23	2.06	0.00
CV					55.55	29.72	50.12	22.35	32.96	41.98	0.00
TABLE OF B (BRAKE RATE) MEANS											
1	NO BRAKE				0.0 b	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 na
2	BRAKE	1.2 SC	16.0 oz/a		3.1 a	10.6 b	4.4 b	3.8 b	9.7 b	6.3 b	2.5 na
3	BRAKE	1.2 SC	32.0 oz/a		3.8 a	20.9 a	7.5 a	5.9 a	19.7 a	8.4 a	3.8 na
LSD P=.10					1.28	2.31	1.28	0.50	3.23	0.76	.
Standard Deviation					1.86	3.36	1.86	0.72	4.70	1.10	0.00
CV					81.31	31.93	47.08	22.35	47.96	22.52	0.00
TABLE OF A (TIMING) B (BRAKE RATE) MEANS											
1	13 DAP				0.0 c	0.0 e	0.0 d	0.0 c	0.0 d	0.0 e	0.0 na
1	NO BRAKE										
2	28 DAP				0.0 c	0.0 e	0.0 d	0.0 c	0.0 d	0.0 e	0.0 na
1	NO BRAKE										
3	41 DAP				0.0 c	0.0 e	0.0 d	0.0 c	0.0 d	0.0 e	0.0 na
1	NO BRAKE										
4	57 DAP				0.0 c	0.0 e	0.0 d	0.0 c	0.0 d	0.0 e	0.0 na
1	NO BRAKE										
1	13 DAP				0.0 c	11.3 d	0.0 d	0.0 c	10.0 c	0.0 e	0.0 na
2	BRAKE	1.2 SC	16.0 oz/a								
2	28 DAP				0.0 c	13.8 d	0.0 d	0.0 c	10.0 c	1.3 e	0.0 na
2	BRAKE	1.2 SC	16.0 oz/a								
3	41 DAP				12.5 a	17.5 c	17.5 b	15.0 b	18.8 b	8.8 d	10.0 na
2	BRAKE	1.2 SC	16.0 oz/a								
4	57 DAP				0.0 c	0.0 e	0.0 d	0.0 c	0.0 d	15.0 b	0.0 na
2	BRAKE	1.2 SC	16.0 oz/a								
1	13 DAP				0.0 c	31.3 a	2.5 c	0.0 c	28.8 a	0.0 e	0.0 na
3	BRAKE	1.2 SC	32.0 oz/a								
2	28 DAP				2.5 b	25.0 b	1.3 cd	0.0 c	20.0 b	1.3 e	0.0 na
3	BRAKE	1.2 SC	32.0 oz/a								
3	41 DAP				12.5 a	27.5 b	26.3 a	23.8 a	30.0 a	12.5 c	15.0 na
3	BRAKE	1.2 SC	32.0 oz/a								
4	57 DAP				0.0 c	0.0 e	0.0 d	0.0 c	0.0 d	20.0 a	0.0 na
3	BRAKE	1.2 SC	32.0 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.

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

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25 Study Dir.: K. BRISCO							
Location: PONDER FARM Investigator: Eric P. Prostko							
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type	Necrosis	Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis
Rating Unit		%	%	%	%	%	%
Rating Date	Jun-17-25	Jun-25-25	Jun-25-25	Jun-25-25	Jun-30-25	Jun-30-25	Jun-30-25
Trt Treatment							
No. Name	15	16	17	18	19	20	21
Form Form							
Conc Type Rate Unit							
LSD P=.10	1.56	2.99	1.96	0.88	4.18	1.47	.
Standard Deviation	1.27	2.44	1.60	0.72	3.41	1.20	0.00
CV	55.55	23.21	40.31	22.35	34.83	24.57	0.00

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Mean separation letters are 'na' (not applicable) when error variance is 0

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2											
Trial ID: PE-05-25				Study Dir.: K. BRISCO							
Location: PONDER FARM				Investigator: Eric P. Prostko							
Crop Code				Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type				Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	
Rating Unit				%	%	%	%	%	%	%	
Rating Date				Jul-9-25	Jul-9-25	Jul-9-25	Jul-22-25	Jul-22-25	Jul-22-25	Aug-6-25	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit							
					22	23	24	25	26	27	28
TABLE OF R MEANS											
Replicate 1					12.9	7.5	4.2	9.6	3.3	1.3	4.6
Replicate 2					8.3	8.8	3.8	5.0	2.5	1.3	3.3
Replicate 3					8.3	7.9	3.8	5.8	1.7	0.8	4.6
Replicate 4					5.8	7.5	3.3	5.4	2.1	1.3	2.1
TABLE OF A (TIMING) MEANS											
1	13 DAP				9.6 b	0.0 b	0.0 b	4.2 b	0.0 b	0.0 b	0.4 b
2	28 DAP				5.4 c	0.0 b	0.0 b	3.3 b	0.0 b	0.0 b	0.8 b
3	41 DAP				14.6 a	1.7 b	0.0 b	8.3 a	0.4 b	0.0 b	5.4 a
4	57 DAP				5.8 c	30.0 a	15.0 a	10.0 a	9.2 a	4.6 a	7.9 a
LSD P=.10					2.45	2.10	0.88	3.20	1.36	0.54	2.79
Standard Deviation					3.27	2.81	1.18	4.28	1.82	0.72	3.73
CV					36.95	35.44	31.43	66.21	75.81	62.98	102.43
TABLE OF B (BRAKE RATE) MEANS											
1	NO BRAKE				0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.0 c	0.9 b
2	BRAKE	1.2 SC	16.0 oz/a		8.8 b	10.6 b	4.7 b	7.2 b	2.5 b	1.3 b	3.4 b
3	BRAKE	1.2 SC	32.0 oz/a		17.8 a	13.1 a	6.6 a	12.2 a	4.7 a	2.2 a	6.6 a
LSD P=.10					3.61	0.99	0.64	2.96	1.69	0.50	2.62
Standard Deviation					5.25	1.44	0.93	4.31	2.47	0.72	3.82
CV					59.34	18.23	24.85	66.74	102.89	62.98	104.74
TABLE OF A (TIMING) B (BRAKE RATE) MEANS											
1	13 DAP				0.0 e	0.0 d	0.0 c	0.0 d	0.0 c	0.0 c	0.0 d
1	NO BRAKE										
2	28 DAP				0.0 e	0.0 d	0.0 c	0.0 d	0.0 c	0.0 c	0.0 d
1	NO BRAKE										
3	41 DAP				0.0 e	0.0 d	0.0 c	0.0 d	0.0 c	0.0 c	1.3 cd
1	NO BRAKE										
4	57 DAP				0.0 e	0.0 d	0.0 c	0.0 d	0.0 c	0.0 c	2.5 cd
1	NO BRAKE										
1	13 DAP				8.8 cd	0.0 d	0.0 c	3.8 cd	0.0 c	0.0 c	0.0 d
2	BRAKE	1.2 SC	16.0 oz/a								
2	28 DAP				5.0 d	0.0 d	0.0 c	3.8 cd	0.0 c	0.0 c	1.3 cd
2	BRAKE	1.2 SC	16.0 oz/a								
3	41 DAP				12.5 c	0.0 d	0.0 c	7.5 bc	0.0 c	0.0 c	3.8 c
2	BRAKE	1.2 SC	16.0 oz/a								
4	57 DAP				8.8 cd	42.5 b	18.8 b	13.8 a	10.0 b	5.0 b	8.8 b
2	BRAKE	1.2 SC	16.0 oz/a								
1	13 DAP				20.0 b	0.0 d	0.0 c	8.8 b	0.0 c	0.0 c	1.3 cd
3	BRAKE	1.2 SC	32.0 oz/a								
2	28 DAP				11.3 c	0.0 d	0.0 c	6.3 bc	0.0 c	0.0 c	1.3 cd
3	BRAKE	1.2 SC	32.0 oz/a								
3	41 DAP				31.3 a	5.0 c	0.0 c	17.5 a	1.3 c	0.0 c	11.3 ab
3	BRAKE	1.2 SC	32.0 oz/a								
4	57 DAP				8.8 cd	47.5 a	26.3 a	16.3 a	17.5 a	8.8 a	12.5 a
3	BRAKE	1.2 SC	32.0 oz/a								

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

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

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25 Study Dir.: K. BRISCO							
Location: PONDER FARM Investigator: Eric P. Prostko							
Crop Code	Arahy	Arany	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type	Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting
Rating Unit	%	%	%	%	%	%	%
Rating Date	Jul-9-25	Jul-9-25	Jul-9-25	Jul-22-25	Jul-22-25	Jul-22-25	Aug-6-25
Trt Treatment Form Form Rate							
No. Name Conc Type Rate Unit	22	23	24	25	26	27	28
LSD P=.10	4.01	2.95	1.14	3.83	2.23	0.88	3.73
Standard Deviation	3.27	2.41	0.93	3.13	1.82	0.72	3.04
CV	36.95	30.39	24.85	48.42	75.81	62.98	83.46

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

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2									
Trial ID: PE-05-25				Study Dir.: K. BRISCO					
Location: PONDER FARM				Investigator: Eric P. Prostko					
Crop Code				Arahy	Arahy	ARAHY	ARAHY	ARAHY	
Rating Data Type				Bleaching	Necrosis	YLD-DIRTY	YLD-CLEAN	YIELD	
Rating Unit				%	%	LBS/PLOT	LBS/PLOT	LBS/A	
Rating Date				Aug-6-25	Aug-6-25	Sep-22-25	Sep-22-25	Sep-22-25	
Trt	Treatment	Form	Form	Rate					
No.	Name	Conc	Type	Rate Unit	29	30	31	32	33
TABLE OF R MEANS									
Replicate 1					1.3	0.4	19.47	19.1	5472
Replicate 2					0.8	0.4	20.07	19.7	5641
Replicate 3					1.3	0.4	21.40	21.0	6016
Replicate 4					0.0	0.0	21.87	21.4	6147
TABLE OF A (TIMING) MEANS									
1	13 DAP				0.0 b	0.0 b	22.88 a	22.4 a	6430 a
2	28 DAP				0.0 b	0.0 b	22.95 a	22.5 a	6452 a
3	41 DAP				0.0 b	0.0 b	19.83 b	19.4 b	5575 b
4	57 DAP				3.3 a	1.3 a	17.14 c	16.8 c	4819 c
LSD P=.10					1.53	0.54	2.101	2.06	590.6
Standard Deviation					2.04	0.72	2.807	2.75	789.1
CV					244.95	230.94	13.561	13.56	13.6
TABLE OF B (BRAKE RATE) MEANS									
1	NO BRAKE				0.0 b	0.0 b	24.03 a	23.5 a	6754 a
2	BRAKE	1.2 SC	16.0 oz/a		0.6 b	0.0 b	19.99 b	19.6 b	5621 b
3	BRAKE	1.2 SC	32.0 oz/a		1.9 a	0.9 a	18.08 c	17.7 c	5083 c
LSD P=.10					0.99	0.50	1.051	1.03	295.4
Standard Deviation					1.44	0.72	1.530	1.50	430.0
CV					173.21	230.94	7.390	7.39	7.4
TABLE OF A (TIMING) B (BRAKE RATE) MEANS									
1	13 DAP				0.0 c	0.0 b	22.55 bcd	22.1 bcd	6339 bcd
1	NO BRAKE								
2	28 DAP				0.0 c	0.0 b	25.65 a	25.1 a	7211 a
1	NO BRAKE								
3	41 DAP				0.0 c	0.0 b	24.88 ab	24.4 ab	6993 ab
1	NO BRAKE								
4	57 DAP				0.0 c	0.0 b	23.03 bcd	22.6 bcd	6473 bcd
1	NO BRAKE								
1	13 DAP				0.0 c	0.0 b	24.30 abc	23.8 abc	6831 abc
2	BRAKE	1.2 SC	16.0 oz/a						
2	28 DAP				0.0 c	0.0 b	22.05 cd	21.6 cd	6199 cd
2	BRAKE	1.2 SC	16.0 oz/a						
3	41 DAP				0.0 c	0.0 b	19.08 e	18.7 e	5362 e
2	BRAKE	1.2 SC	16.0 oz/a						
4	57 DAP				2.5 b	0.0 b	14.55 f	14.3 f	4090 f
2	BRAKE	1.2 SC	16.0 oz/a						
1	13 DAP				0.0 c	0.0 b	21.78 d	21.3 d	6121 d
3	BRAKE	1.2 SC	32.0 oz/a						
2	28 DAP				0.0 c	0.0 b	21.15 de	20.7 de	5946 de
3	BRAKE	1.2 SC	32.0 oz/a						
3	41 DAP				0.0 c	0.0 b	15.55 f	15.2 f	4371 f
3	BRAKE	1.2 SC	32.0 oz/a						
4	57 DAP				7.5 a	3.8 a	13.85 f	13.6 f	3893 f
3	BRAKE	1.2 SC	32.0 oz/a						

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

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

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2					
Trial ID: PE-05-25 Study Dir.: K. BRISCO					
Location: PONDER FARM Investigator: Eric P. Prostko					
Crop Code	Arahy	Arahy	ARAHY	ARAHY	ARAHY
Rating Data Type	Bleaching	Necrosis	YLD-DIRTY	YLD-CLEAN	YIELD
Rating Unit	%	%	LBS/PLOT	LBS/PLOT	LBS/A
Rating Date	Aug-6-25	Aug-6-25	Sep-22-25	Sep-22-25	Sep-22-25
Trt Treatment	Form	Form	Rate		
No. Name	Conc	Type	Rate Unit		
	29	30	31	32	33
LSD P=.10	1.77	0.88	2.418	2.37	679.8
Standard Deviation	1.44	0.72	1.972	1.93	554.4
CV	173.21	230.94	9.528	9.53	9.5

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Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Mean separation letters are 'na' (not applicable) when error variance is 0

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25		Study Dir.: K. BRISCO					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For Arahya Stunting % May-20-25 (Data Column 1)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	232.812500					
R	3	1.562500	0.520833	1.000	0.4155		
A	3	126.562500	42.187500	81.000	0.0001	0.5	
RA	9	4.687500	0.520833				
B	2	21.875000	10.937500	21.000	0.0020	0.5	
RB	6	3.125000	0.520833				
AB	6	65.625000	10.937500	21.000	0.0001	0.9	
RAB	18	9.375000	0.520833				
COMPLETE FACTORIAL AOV For Arahya Bleaching % May-20-25 (Data Column 2)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	22491.666667					
R	3	0.000000	0.000000	NaN	NaN		
A	3	13225.000000	4408.333333	NaN	NaN	.	
RA	9	0.000000	0.000000				
B	2	2316.666667	1158.333333	NaN	NaN	.	
RB	6	0.000000	0.000000				
AB	6	6950.000000	1158.333333	NaN	NaN	.	
RAB	18	0.000000	0.000000				
COMPLETE FACTORIAL AOV For Arahya Necrosis % May-20-25 (Data Column 3)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	166.666667					
R	3	0.000000	0.000000	NaN	NaN		
A	3	100.000000	33.333333	NaN	NaN	.	
RA	9	0.000000	0.000000				
B	2	16.666667	8.333333	NaN	NaN	.	
RB	6	0.000000	0.000000				
AB	6	50.000000	8.333333	NaN	NaN	.	
RAB	18	0.000000	0.000000				
COMPLETE FACTORIAL AOV For Arahya Stunting % May-28-25 (Data Column 4)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	2731.250000					
R	3	2.083333	0.694444	0.250	0.8603		
A	3	1406.250000	468.750000	675.000	0.0001	0.6	
RA	9	6.250000	0.694444				
B	2	312.500000	156.250000	56.250	0.0001	1.1	
RB	6	16.666667	2.777778				
AB	6	937.500000	156.250000	56.250	0.0001	2.0	
RAB	18	50.000000	2.777778				
COMPLETE FACTORIAL AOV For Arahya Bleaching % May-28-25 (Data Column 5)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	20682.812500					
R	3	5.729167	1.909722	1.000	0.4155		
A	3	11826.562500	3942.187500	2064.273	0.0001	1.0	
RA	9	17.187500	1.909722				
B	2	2196.875000	1098.437500	575.182	0.0001	0.9	
RB	6	11.458333	1.909722				
AB	6	6590.625000	1098.437500	575.182	0.0001	1.7	
RAB	18	34.375000	1.909722				
COMPLETE FACTORIAL AOV For Arahya Necrosis % May-28-25 (Data Column 6)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	1091.666667					
R	3	0.000000	0.000000	NaN	NaN		
A	3	625.000000	208.333333	NaN	NaN	.	
RA	9	0.000000	0.000000				
B	2	116.666667	58.333333	NaN	NaN	.	
RB	6	0.000000	0.000000				
AB	6	350.000000	58.333333	NaN	NaN	.	
RAB	18	0.000000	0.000000				

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.

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

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2						
Trial ID: PE-05-25		Study Dir.: K. BRISCO				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahya Stunting % Jun-3-25 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	5681.250000				
R	3	22.916667	7.638889	1.630	0.2177	
A	3	2456.250000	818.750000	107.182	0.0001	2.1
RA	9	68.750000	7.638889			
B	2	1071.875000	535.937500	88.200	0.0001	1.7
RB	6	36.458333	6.076389			
AB	6	1940.625000	323.437500	69.000	0.0001	2.7
RAB	18	84.375000	4.687500			
COMPLETE FACTORIAL AOV For Arahya Bleaching % Jun-3-25 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	27699.479167				
R	3	1.562500	0.520833	1.000	0.4155	
A	3	15026.562500	5008.854167	9617.000	0.0001	0.5
RA	9	4.687500	0.520833			
B	2	4951.041667	2475.520833	4753.000	0.0001	0.5
RB	6	3.125000	0.520833			
AB	6	7703.125000	1283.854167	2465.000	0.0001	0.9
RAB	18	9.375000	0.520833			
COMPLETE FACTORIAL AOV For Arahya Necrosis % Jun-3-25 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	2661.979167				
R	3	1.562500	0.520833	1.000	0.4155	
A	3	1422.395833	474.131944	910.333	0.0001	0.5
RA	9	4.687500	0.520833			
B	2	488.541667	244.270833	469.000	0.0001	0.5
RB	6	3.125000	0.520833			
AB	6	732.291667	122.048611	234.333	0.0001	0.9
RAB	18	9.375000	0.520833			
COMPLETE FACTORIAL AOV For Arahya Stunting Jun-11-25 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	9399.479167				
R	3	68.229167	22.743056	3.417	0.0397	
A	3	3426.562500	1142.187500	74.479	0.0001	2.9
RA	9	138.020833	15.335648			
B	2	2344.791667	1172.395833	103.892	0.0001	2.3
RB	6	67.708333	11.284722			
AB	6	3234.375000	539.062500	81.000	0.0001	3.2
RAB	18	119.791667	6.655093			
COMPLETE FACTORIAL AOV For Arahya Bleaching Jun-11-25 (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	5511.979167				
R	3	30.729167	10.243056	2.810	0.0689	
A	3	2689.062500	896.354167	191.222	0.0001	1.6
RA	9	42.187500	4.687500			
B	2	1082.291667	541.145833	76.024	0.0001	1.8
RB	6	42.708333	7.118056			
AB	6	1559.375000	259.895833	71.286	0.0001	2.3
RAB	18	65.625000	3.645833			
COMPLETE FACTORIAL AOV For Arahya Necrosis Jun-11-25 (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1499.479167				
R	3	1.562500	0.520833	1.000	0.4155	
A	3	876.562500	292.187500	561.000	0.0001	0.5
RA	9	4.687500	0.520833			
B	2	163.541667	81.770833	157.000	0.0001	0.5
RB	6	3.125000	0.520833			
AB	6	440.625000	73.437500	141.000	0.0001	0.9
RAB	18	9.375000	0.520833			

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.

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

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25		Study Dir.: K. BRISCO					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For Arshy Stunting Jun-17-25 (Data Column 13)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	6647.916667					
R	3	43.750000	14.583333	2.250	0.1174		
A	3	2756.250000	918.750000	72.164	0.0001	2.7	
RA	9	114.583333	12.731481				
B	2	1654.166667	827.083333	99.250	0.0001	2.0	
RB	6	50.000000	8.333333				
AB	6	1912.500000	318.750000	49.179	0.0001	3.1	
RAB	18	116.666667	6.481481				
COMPLETE FACTORIAL AOV For Arahy Bleaching Jun-17-25 (Data Column 14)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	35847.916667					
R	3	10.416667	3.472222	1.333	0.2947		
A	3	20268.750000	6756.250000	3243.000	0.0001	1.1	
RA	9	18.750000	2.083333				
B	2	5301.041667	2650.520833	1387.909	0.0001	0.9	
RB	6	11.458333	1.909722				
AB	6	10190.625000	1698.437500	652.200	0.0001	2.0	
RAB	18	46.875000	2.604167				
COMPLETE FACTORIAL AOV For Arahy Necrosis Jun-17-25 (Data Column 15)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	1097.916667					
R	3	10.416667	3.472222	2.143	0.1304		
A	3	589.583333	196.527778	121.286	0.0001	1.0	
RA	9	14.583333	1.620370				
B	2	129.166667	64.583333	18.600	0.0027	1.3	
RB	6	20.833333	3.472222				
AB	6	304.166667	50.694444	31.286	0.0001	1.6	
RAB	18	29.166667	1.620370				
COMPLETE FACTORIAL AOV For Arahy Stunting % Jun-25-25 (Data Column 16)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	6911.979167					
R	3	43.229167	14.409722	2.417	0.0999		
A	3	1797.395833	599.131944	61.260	0.0001	2.3	
RA	9	88.020833	9.780093				
B	2	3507.291667	1753.645833	155.400	0.0001	2.3	
RB	6	67.708333	11.284722				
AB	6	1301.041667	216.840278	36.379	0.0001	3.0	
RAB	18	107.291667	5.960648				
COMPLETE FACTORIAL AOV For Arahy Bleaching % Jun-25-25 (Data Column 17)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	3397.916667					
R	3	35.416667	11.805556	4.636	0.0143		
A	3	1810.416667	603.472222	153.353	0.0001	1.5	
RA	9	35.416667	3.935185				
B	2	454.166667	227.083333	65.400	0.0001	1.3	
RB	6	20.833333	3.472222				
AB	6	995.833333	165.972222	65.182	0.0001	2.0	
RAB	18	45.833333	2.546296				
COMPLETE FACTORIAL AOV For Arahy Necrosis % Jun-25-25 (Data Column 18)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	2674.479167					
R	3	1.562500	0.520833	1.000	0.4155		
A	3	1501.562500	500.520833	961.000	0.0001	0.5	
RA	9	4.687500	0.520833				
B	2	288.541667	144.270833	277.000	0.0001	0.5	
RB	6	3.125000	0.520833				
AB	6	865.625000	144.270833	277.000	0.0001	0.9	
RAB	18	9.375000	0.520833				

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

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

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25		Study Dir.: K. BRISCO					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For Arahy Stunting % Jun-30-25 (Data Column 19)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	6747.916667					
R	3	202.083333	67.361111	5.791	0.0059		
A	3	1768.750000	589.583333	56.600	0.0001	2.4	
RA	9	93.750000	10.416667				
B	2	3101.041667	1550.520833	70.323	0.0001	3.2	
RB	6	132.291667	22.048611				
AB	6	1240.625000	206.770833	17.776	0.0001	4.2	
RAB	18	209.375000	11.631944				
COMPLETE FACTORIAL AOV For Arahy Bleaching % Jun-30-25 (Data Column 20)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	2374.479167					
R	3	9.895833	3.298611	2.280	0.1140		
A	3	1093.229167	364.409722	86.260	0.0001	1.5	
RA	9	38.020833	4.224537				
B	2	613.541667	306.770833	252.429	0.0001	0.8	
RB	6	7.291667	1.215278				
AB	6	586.458333	97.743056	67.560	0.0001	1.5	
RAB	18	26.041667	1.446759				
COMPLETE FACTORIAL AOV For Arahy Necrosis % Jun-30-25 (Data Column 21)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	1091.666667					
R	3	0.000000	0.000000	NaN	NaN		
A	3	625.000000	208.333333	NaN	NaN	.	
RA	9	0.000000	0.000000				
B	2	116.666667	58.333333	NaN	NaN	.	
RB	6	0.000000	0.000000				
AB	6	350.000000	58.333333	NaN	NaN	.	
RAB	18	0.000000	0.000000				
COMPLETE FACTORIAL AOV For Arahy Stunting % Jul-9-25 (Data Column 22)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	4661.979167					
R	3	314.062500	104.687500	9.778	0.0005		
A	3	651.562500	217.187500	20.286	0.0002	2.4	
RA	9	96.354167	10.706019				
B	2	2538.541667	1269.270833	45.981	0.0002	3.6	
RB	6	165.625000	27.604167				
AB	6	703.125000	117.187500	10.946	0.0001	4.0	
RAB	18	192.708333	10.706019				
COMPLETE FACTORIAL AOV For Arany Bleaching % Jul-9-25 (Data Column 23)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	13541.666667					
R	3	12.500000	4.166667	0.720	0.5530		
A	3	7825.000000	2608.333333	331.412	0.0001	2.1	
RA	9	70.833333	7.870370				
B	2	1554.166667	777.083333	373.000	0.0001	1.0	
RB	6	12.500000	2.083333				
AB	6	3962.500000	660.416667	114.120	0.0001	2.9	
RAB	18	104.166667	5.787037				
COMPLETE FACTORIAL AOV For Arahy Necrosis % Jul-9-25 (Data Column 24)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	3525.000000					
R	3	4.166667	1.388889	1.600	0.2244		
A	3	2025.000000	675.000000	486.000	0.0001	0.9	
RA	9	12.500000	1.388889				
B	2	365.625000	182.812500	210.600	0.0001	0.6	
RB	6	5.208333	0.868056				
AB	6	1096.875000	182.812500	210.600	0.0001	1.1	
RAB	18	15.625000	0.868056				

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

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

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PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2						
Trial ID: PE-05-25		Study Dir.: K. BRISCO				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For Arahya Stunting % Jul-22-25 (Data Column 25)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	2447.916667				
R	3	160.416667	53.472222	5.467	0.0075	
A	3	372.916667	124.305556	6.797	0.0109	3.2
RA	9	164.583333	18.287037			
B	2	1201.041667	600.520833	32.327	0.0006	3.0
RB	6	111.458333	18.576389			
AB	6	261.458333	43.576389	4.456	0.0062	3.8
RAB	18	176.041667	9.780093			
COMPLETE FACTORIAL AOV For Arahya Bleaching % Jul-22-25 (Data Column 26)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1499.479167				
R	3	18.229167	6.076389	1.842	0.1757	
A	3	734.895833	244.965278	74.263	0.0001	1.4
RA	9	29.687500	3.298611			
B	2	176.041667	88.020833	14.486	0.0051	1.7
RB	6	36.458333	6.076389			
AB	6	444.791667	74.131944	22.474	0.0001	2.2
RAB	18	59.375000	3.298611			
COMPLETE FACTORIAL AOV For Arahya Necrosis % Jul-22-25 (Data Column 27)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	361.979167				
R	3	1.562500	0.520833	1.000	0.4155	
A	3	189.062500	63.020833	121.000	0.0001	0.5
RA	9	4.687500	0.520833			
B	2	38.541667	19.270833	37.000	0.0004	0.5
RB	6	3.125000	0.520833			
AB	6	115.625000	19.270833	37.000	0.0001	0.9
RAB	18	9.375000	0.520833			
COMPLETE FACTORIAL AOV For Arahya Stunting % Aug-6-25 (Data Column 28)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	1336.979167				
R	3	51.562500	17.187500	1.856	0.1732	
A	3	476.562500	158.854167	11.390	0.0020	2.8
RA	9	125.520833	13.946759			
B	2	254.166667	127.083333	8.714	0.0168	2.6
RB	6	87.500000	14.583333			
AB	6	175.000000	29.166667	3.150	0.0272	3.7
RAB	18	166.666667	9.259259			
COMPLETE FACTORIAL AOV For Arahya Bleaching % Aug-6-25 (Data Column 29)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	316.666667				
R	3	12.500000	4.166667	2.000	0.1501	
A	3	100.000000	33.333333	8.000	0.0066	1.5
RA	9	37.500000	4.166667			
B	2	29.166667	14.583333	7.000	0.0270	1.0
RB	6	12.500000	2.083333			
AB	6	87.500000	14.583333	7.000	0.0006	1.8
RAB	18	37.500000	2.083333			
COMPLETE FACTORIAL AOV For Arahya Necrosis % Aug-6-25 (Data Column 30)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	70.312500				
R	3	1.562500	0.520833	1.000	0.4155	
A	3	14.062500	4.687500	9.000	0.0045	0.5
RA	9	4.687500	0.520833			
B	2	9.375000	4.687500	9.000	0.0156	0.5
RB	6	3.125000	0.520833			
AB	6	28.125000	4.687500	9.000	0.0001	0.9
RAB	18	9.375000	0.520833			

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University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2							
Trial ID: PE-05-25		Study Dir.: K. BRISCO					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For ARAHY YLD-DIRTY LBS/PLOT Sep-22-25 (Data Column 31)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	923.500000					
R	3	45.280000	15.093333	3.880	0.0266		
A	3	278.471667	92.823889	11.779	0.0018	2.10	
RA	9	70.921667	7.880185				
B	2	294.596250	147.298125	62.954	0.0001	1.05	
RB	6	14.038750	2.339792				
AB	6	150.172083	25.028681	6.434	0.0009	2.42	
RAB	18	70.019583	3.889977				
COMPLETE FACTORIAL AOV For ARAHY YLD-CLEAN LBS/PLOT Sep-22-25 (Data Column 32)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	886.929400					
R	3	43.486912	14.495637	3.880	0.0266		
A	3	267.444189	89.148063	11.779	0.0018	2.1	
RA	9	68.113169	7.568130				
B	2	282.930239	141.465119	62.954	0.0001	1.0	
RB	6	13.482816	2.247136				
AB	6	144.225269	24.037545	6.434	0.0009	2.4	
RAB	18	67.246808	3.735934				
COMPLETE FACTORIAL AOV For ARAHY YIELD LBS/A Sep-22-25 (Data Column 33)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	72979482.306193					
R	3	3578246.842257	1192748.947419	3.880	0.0266		
A	3	22006191.738252	7335397.246084	11.779	0.0018	591	
RA	9	5604576.629806	622730.736645				
B	2	23280435.099454	11640217.549727	62.954	0.0001	295	
RB	6	1109410.619628	184901.769938				
AB	6	11867331.779653	1977888.629942	6.434	0.0009	680	
RAB	18	5533289.597143	307404.977619				
<u>Rating Unit</u> % = PERCENT <u>ARM Action Codes</u> T1 = [31]*.98 TY2 = 286.85066667*[32]							

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

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PEANUT RESPONSE TO POST APPLIED BRAKE

YEAR 2

Trial ID: PE-05-25

Study Dir.: K. BRISCO

Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type	Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting
Rating Unit	%	%	%	%	%	%	%
Rating Date	May-20-25	May-20-25	May-20-25	May-28-25	May-28-25	May-28-25	Jun-3-25
Trt Treatment Form Form Rate	1	2	3	4	5	6	7
No. Name Conc Type Rate Unit Plot							
1 13 DAP 101	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO BRAKE 205	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 13 DAP 102	5.0	50.0	5.0	10.0	50.0	10.0	20.0
BRAKE 1.2 SC 16.0 oz/a 210	5.0	50.0	5.0	15.0	40.0	10.0	15.0
302	5.0	50.0	5.0	15.0	40.0	10.0	10.0
403	5.0	50.0	5.0	10.0	45.0	10.0	15.0
Mean =	5.0	50.0	5.0	12.5	43.8	10.0	15.0
3 13 DAP 103	10.0	65.0	5.0	25.0	65.0	15.0	40.0
BRAKE 1.2 SC 32.0 oz/a 207	5.0	65.0	5.0	25.0	65.0	15.0	40.0
308	5.0	65.0	5.0	20.0	65.0	15.0	30.0
412	5.0	65.0	5.0	30.0	65.0	15.0	40.0
Mean =	6.3	65.0	5.0	25.0	65.0	15.0	37.5
4 28 DAP 104	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO BRAKE 201	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304	0.0	0.0	0.0	0.0	0.0	0.0	0.0
411	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 28 DAP 105	0.0	0.0	0.0	0.0	0.0	0.0	5.0
BRAKE 1.2 SC 16.0 oz/a 202	0.0	0.0	0.0	0.0	0.0	0.0	5.0
306	0.0	0.0	0.0	0.0	0.0	0.0	10.0
401	0.0	0.0	0.0	0.0	0.0	0.0	5.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	6.3
6 28 DAP 106	0.0	0.0	0.0	0.0	0.0	0.0	10.0
BRAKE 1.2 SC 32.0 oz/a 204	0.0	0.0	0.0	0.0	0.0	0.0	15.0
310	0.0	0.0	0.0	0.0	0.0	0.0	5.0
405	0.0	0.0	0.0	0.0	0.0	0.0	5.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	8.8
7 41 DAP 107	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO BRAKE 206	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305	0.0	0.0	0.0	0.0	0.0	0.0	0.0
402	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8 41 DAP 108	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRAKE 1.2 SC 16.0 oz/a 212	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301	0.0	0.0	0.0	0.0	0.0	0.0	0.0
409	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9 41 DAP 109	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRAKE 1.2 SC 32.0 oz/a 211	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10 57 DAP 110	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NO BRAKE 209	0.0	0.0	0.0	0.0	0.0	0.0	0.0
312	0.0	0.0	0.0	0.0	0.0	0.0	0.0
407	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11 57 DAP 111	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BRAKE 1.2 SC 16.0 oz/a 203	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311	0.0	0.0	0.0	0.0	0.0	0.0	0.0
408	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO POST APPLIED BRAKE
YEAR 2
Trial ID: PE-05-25 Study Dir.: K. BRISCO
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code					Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type					Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	
Rating Unit					%	%	%	%	%	%	%	
Rating Date					May-20-25	May-20-25	May-20-25	May-28-25	May-28-25	May-28-25	Jun-3-25	
Trt	Treatment	Form	Form	Rate								
No.	Name	Conc	Type	Rate Unit	Plot	1	2	3	4	5	6	7
12	57 DAP			112		0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BRAKE	1.2	SC	32.0 oz/a	208	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					307	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					406	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO POST APPLIED BRAKE

YEAR 2

Trial ID: PE-05-25

Study Dir.: K. BRISCO

Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type Rating Unit Rating Date						Arahy Bleaching % Jun-3-25	Arahy Necrosis % Jun-3-25	Arahy Stunting Jun-11-25	Arahy Bleaching Jun-11-25	Arahy Necrosis Jun-11-25	Arshy Stunting Jun-17-25	Arahy Bleaching Jun-17-25	
Trt	Treatment	Form	Form	Rate									
No.	Name	Conc	Type	Rate	Unit	Plot	8	9	10	11	12	13	14
1	13 DAP NO BRAKE					101	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						205	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						309	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						404	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	13 DAP BRAKE	1.2	SC	16.0	oz/a	102	15.0	5.0	25.0	5.0	0.0	25.0	0.0
						210	15.0	5.0	15.0	10.0	0.0	15.0	0.0
						302	15.0	5.0	5.0	5.0	0.0	10.0	0.0
						403	15.0	5.0	10.0	5.0	0.0	15.0	0.0
						Mean =	15.0	5.0	13.8	6.3	0.0	16.3	0.0
3	13 DAP BRAKE	1.2	SC	32.0	oz/a	103	30.0	5.0	50.0	20.0	5.0	40.0	5.0
						207	25.0	10.0	50.0	10.0	0.0	35.0	10.0
						308	25.0	10.0	40.0	10.0	0.0	30.0	0.0
						412	25.0	10.0	50.0	10.0	0.0	40.0	0.0
						Mean =	26.3	8.8	47.5	12.5	1.3	36.3	3.8
4	28 DAP NO BRAKE					104	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						201	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						304	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						411	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	28 DAP BRAKE	1.2	SC	16.0	oz/a	105	65.0	20.0	15.0	25.0	15.0	15.0	10.0
						202	65.0	20.0	10.0	20.0	15.0	15.0	10.0
						306	65.0	20.0	10.0	20.0	15.0	15.0	10.0
						401	65.0	20.0	5.0	20.0	15.0	10.0	5.0
						Mean =	65.0	20.0	10.0	21.3	15.0	13.8	8.8
6	28 DAP BRAKE	1.2	SC	32.0	oz/a	106	65.0	20.0	20.0	40.0	15.0	20.0	15.0
						204	65.0	20.0	25.0	30.0	15.0	30.0	15.0
						310	65.0	20.0	20.0	30.0	15.0	15.0	15.0
						405	65.0	20.0	15.0	35.0	15.0	20.0	15.0
						Mean =	65.0	20.0	20.0	33.8	15.0	21.3	15.0
7	41 DAP NO BRAKE					107	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						206	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						305	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						402	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	41 DAP BRAKE	1.2	SC	16.0	oz/a	108	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						212	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						301	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						409	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	75.0
9	41 DAP BRAKE	1.2	SC	32.0	oz/a	109	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						211	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						303	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						410	0.0	0.0	0.0	0.0	0.0	0.0	75.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	75.0
10	57 DAP NO BRAKE					110	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						209	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						312	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						407	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	57 DAP BRAKE	1.2	SC	16.0	oz/a	111	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						203	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						311	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						408	0.0	0.0	0.0	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO POST APPLIED BRAKE
YEAR 2
Trial ID: PE-05-25 Study Dir.: K. BRISCO
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code					Arahy	Arahy	Arahy	Arahy	Arahy	Arshy	Arahy
Rating Data Type					Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	Bleaching
Rating Unit					%	%					
Rating Date					Jun-3-25	Jun-3-25	Jun-11-25	Jun-11-25	Jun-11-25	Jun-17-25	Jun-17-25
Trt	Treatment	Form	Form	Rate							
No.	Name	Conc	Type	Rate Unit Plot	8	9	10	11	12	13	14
12	57 DAP			112	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	BRAKE	1.2	SC	32.0 oz/a 208	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				307	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				406	0.0	0.0	0.0	0.0	0.0	0.0	0.0
				Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO POST APPLIED BRAKE										
YEAR 2										
Trial ID: PE-05-25		Study Dir.: K. BRISCO								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Crop Code	Rating Data Type	Rating Unit	Rating Date	Arahy Necrosis	Arahy Stunting %	Arahy Bleaching %	Arahy Necrosis %	Arahy Stunting %	Arahy Bleaching %	Arahy Necrosis %
				Jun-17-25	Jun-25-25	Jun-25-25	Jun-25-25	Jun-30-25	Jun-30-25	Jun-30-25
Trt	Treatment	Form	Form	Rate						
No.	Name	Conc	Type	Rate	Unit	Plot	15	16	17	18
1	13 DAP NO BRAKE			101			0.0	0.0	0.0	0.0
				205			0.0	0.0	0.0	0.0
				309			0.0	0.0	0.0	0.0
				404			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
2	13 DAP BRAKE	1.2	SC	16.0	oz/a	102	0.0	15.0	0.0	0.0
				210			0.0	15.0	0.0	0.0
				302			0.0	5.0	0.0	0.0
				403			0.0	10.0	0.0	0.0
				Mean =			0.0	11.3	0.0	0.0
3	13 DAP BRAKE	1.2	SC	32.0	oz/a	103	0.0	40.0	5.0	0.0
				207			0.0	30.0	5.0	0.0
				308			0.0	30.0	0.0	0.0
				412			0.0	25.0	0.0	0.0
				Mean =			0.0	31.3	2.5	0.0
4	28 DAP NO BRAKE			104			0.0	0.0	0.0	0.0
				201			0.0	0.0	0.0	0.0
				304			0.0	0.0	0.0	0.0
				411			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
5	28 DAP BRAKE	1.2	SC	16.0	oz/a	105	0.0	15.0	0.0	0.0
				202			0.0	15.0	0.0	0.0
				306			0.0	10.0	0.0	0.0
				401			0.0	15.0	0.0	0.0
				Mean =			0.0	13.8	0.0	0.0
6	28 DAP BRAKE	1.2	SC	32.0	oz/a	106	5.0	30.0	5.0	0.0
				204			5.0	25.0	0.0	0.0
				310			0.0	25.0	0.0	0.0
				405			0.0	20.0	0.0	0.0
				Mean =			2.5	25.0	1.3	0.0
7	41 DAP NO BRAKE			107			0.0	0.0	0.0	0.0
				206			0.0	0.0	0.0	0.0
				305			0.0	0.0	0.0	0.0
				402			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
8	41 DAP BRAKE	1.2	SC	16.0	oz/a	108	10.0	20.0	25.0	15.0
				212			15.0	15.0	15.0	15.0
				301			10.0	15.0	15.0	15.0
				409			15.0	20.0	15.0	15.0
				Mean =			12.5	17.5	17.5	15.0
9	41 DAP BRAKE	1.2	SC	32.0	oz/a	109	15.0	25.0	30.0	20.0
				211			15.0	25.0	25.0	25.0
				303			10.0	30.0	25.0	25.0
				410			10.0	30.0	25.0	25.0
				Mean =			12.5	27.5	26.3	23.8
10	57 DAP NO BRAKE			110			0.0	0.0	0.0	0.0
				209			0.0	0.0	0.0	0.0
				312			0.0	0.0	0.0	0.0
				407			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
11	57 DAP BRAKE	1.2	SC	16.0	oz/a	111	0.0	0.0	0.0	0.0
				203			0.0	0.0	0.0	0.0
				311			0.0	0.0	0.0	0.0
				408			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0

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PEANUT RESPONSE TO POST APPLIED BRAKE												
YEAR 2												
Trial ID: PE-05-25 Study Dir.: K. BRISCO												
Location: PONDER FARM Investigator: Eric P. Prostko												
Crop Code			Arahy		Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Rating Data Type			Necrosis		Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	
Rating Unit					%	%	%	%	%	%	%	
Rating Date			Jun-17-25		Jun-25-25	Jun-25-25	Jun-25-25	Jun-30-25	Jun-30-25	Jun-30-25	Jun-30-25	Jul-9-25
Trt	Treatment	Form	Form	Rate	15	16	17	18	19	20	21	22
No.	Name	Conc	Type	Rate Unit Plot								
12	57 DAP			112	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0
	BRAKE	1.2	SC	208	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0
				307	0.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0
				406	0.0	0.0	0.0	0.0	0.0	20.0	0.0	5.0
				Mean =	0.0	0.0	0.0	0.0	0.0	20.0	0.0	8.8

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PEANUT RESPONSE TO POST APPLIED BRAKE										
YEAR 2										
Trial ID: PE-05-25		Study Dir.: K. BRISCO								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Crop Code	Rating Data Type	Rating Unit	Rating Date	Arany Bleaching %	Arany Necrosis %	Arahy Stunting %	Arahy Bleaching %	Arahy Necrosis %	Arahy Stunting %	Arahy Bleaching %
				Jul-9-25	Jul-9-25	Jul-22-25	Jul-22-25	Jul-22-25	Aug-6-25	Aug-6-25
Trt	Treatment	Form	Form	Rate						
No.	Name	Conc	Type	Rate	Unit	Plot	23	24	25	26
1	13 DAP NO BRAKE									
				101			0.0	0.0	0.0	0.0
				205			0.0	0.0	0.0	0.0
				309			0.0	0.0	0.0	0.0
				404			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
2	13 DAP BRAKE	1.2	SC	16.0	oz/a					
				102			0.0	0.0	5.0	0.0
				210			0.0	0.0	5.0	0.0
				302			0.0	0.0	5.0	0.0
				403			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	3.8	0.0
3	13 DAP BRAKE	1.2	SC	32.0	oz/a					
				103			0.0	0.0	15.0	0.0
				207			0.0	0.0	5.0	0.0
				308			0.0	0.0	10.0	0.0
				412			0.0	0.0	5.0	0.0
				Mean =			0.0	0.0	8.8	0.0
4	28 DAP NO BRAKE									
				104			0.0	0.0	0.0	0.0
				201			0.0	0.0	0.0	0.0
				304			0.0	0.0	0.0	0.0
				411			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
5	28 DAP BRAKE	1.2	SC	16.0	oz/a					
				105			0.0	0.0	15.0	0.0
				202			0.0	0.0	0.0	0.0
				306			0.0	0.0	0.0	0.0
				401			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	3.8	0.0
6	28 DAP BRAKE	1.2	SC	32.0	oz/a					
				106			0.0	0.0	15.0	0.0
				204			0.0	0.0	5.0	0.0
				310			0.0	0.0	5.0	0.0
				405			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	6.3	0.0
7	41 DAP NO BRAKE									
				107			0.0	0.0	0.0	0.0
				206			0.0	0.0	0.0	0.0
				305			0.0	0.0	0.0	0.0
				402			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
8	41 DAP BRAKE	1.2	SC	16.0	oz/a					
				108			0.0	0.0	15.0	0.0
				212			0.0	0.0	5.0	0.0
				301			0.0	0.0	5.0	0.0
				409			0.0	0.0	5.0	0.0
				Mean =			0.0	0.0	7.5	0.0
9	41 DAP BRAKE	1.2	SC	32.0	oz/a					
				109			10.0	0.0	20.0	5.0
				211			5.0	0.0	15.0	0.0
				303			5.0	0.0	20.0	0.0
				410			0.0	0.0	15.0	0.0
				Mean =			5.0	0.0	17.5	1.3
10	57 DAP NO BRAKE									
				110			0.0	0.0	0.0	0.0
				209			0.0	0.0	0.0	0.0
				312			0.0	0.0	0.0	0.0
				407			0.0	0.0	0.0	0.0
				Mean =			0.0	0.0	0.0	0.0
11	57 DAP BRAKE	1.2	SC	16.0	oz/a					
				111			40.0	20.0	15.0	10.0
				203			50.0	20.0	15.0	10.0
				311			40.0	20.0	10.0	10.0
				408			40.0	15.0	15.0	10.0
				Mean =			42.5	18.8	13.8	10.0

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PEANUT RESPONSE TO POST APPLIED BRAKE
YEAR 2
Trial ID: PE-05-25 Study Dir.: K. BRISCO
Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code						Arary	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	
Rating Data Type						Bleaching	Necrosis	Stunting	Bleaching	Necrosis	Stunting	Bleaching	Necrosis	
Rating Unit						%	%	%	%	%	%	%	%	
Rating Date						Jul-9-25	Jul-9-25	Jul-22-25	Jul-22-25	Jul-22-25	Aug-6-25	Aug-6-25	Aug-6-25	
Trt	Treatment	Form	Form	Rate										
No.	Name	Conc	Type	Rate	Unit	Plot	23	24	25	26	27	28	29	30
12	57 DAP			112			40.0	30.0	15.0	25.0	10.0	10.0	10.0	5.0
	BRAKE	1.2	SC	32.0	oz/a	208	50.0	25.0	10.0	20.0	10.0	15.0	10.0	5.0
						307	50.0	25.0	15.0	10.0	5.0	15.0	10.0	5.0
						406	50.0	25.0	25.0	15.0	10.0	10.0	0.0	0.0
						Mean =	47.5	26.3	16.3	17.5	8.8	12.5	7.5	3.8

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PEANUT RESPONSE TO POST APPLIED BRAKE

YEAR 2

Trial ID: PE-05-25

Study Dir.: K. BRISCO

Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type Rating Unit Rating Date					ARAHY YLD-DIRTY LBS/PLOT Sep-22-25	ARAHY YLD-CLEAN LBS/PLOT Sep-22-25	ARAHY YIELD LBS/A Sep-22-25
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit Plot	31	32	33
1	13 DAP NO BRAKE			101 205 309 404 Mean =	26.50 16.50 25.30 21.90 22.55	26.0 16.2 24.8 21.5 22.1	7450 4638 7112 6156 6339
2	13 DAP BRAKE	1.2 SC	16.0 oz/a	102 210 302 403 Mean =	23.60 22.20 25.60 25.80 24.30	23.1 21.8 25.1 25.3 23.8	6634 6241 7197 7253 6831
3	13 DAP BRAKE	1.2 SC	32.0 oz/a	103 207 308 412 Mean =	20.60 20.50 21.60 24.40 21.78	20.2 20.1 21.2 23.9 21.3	5791 5763 6072 6859 6121
4	28 DAP NO BRAKE			104 201 304 411 Mean =	20.30 26.50 25.50 30.30 25.65	19.9 26.0 25.0 29.7 25.1	5707 7450 7168 8518 7211
5	28 DAP BRAKE	1.2 SC	16.0 oz/a	105 202 306 401 Mean =	17.10 23.60 25.10 22.40 22.05	16.8 23.1 24.6 22.0 21.6	4807 6634 7056 6297 6199
6	28 DAP BRAKE	1.2 SC	32.0 oz/a	106 204 310 405 Mean =	20.40 21.90 21.60 20.70 21.15	20.0 21.5 21.2 20.3 20.7	5735 6156 6072 5819 5946
7	41 DAP NO BRAKE			107 206 305 402 Mean =	24.10 24.30 25.50 25.60 24.88	23.6 23.8 25.0 25.1 24.4	6775 6831 7168 7197 6993
8	41 DAP BRAKE	1.2 SC	16.0 oz/a	108 212 301 409 Mean =	16.60 20.40 19.60 19.70 19.08	16.3 20.0 19.2 19.3 18.7	4666 5735 5510 5538 5362
9	41 DAP BRAKE	1.2 SC	32.0 oz/a	109 211 303 410 Mean =	13.10 15.50 17.00 16.60 15.55	12.8 15.2 16.7 16.3 15.2	3683 4357 4779 4666 4371
10	57 DAP NO BRAKE			110 209 312 407 Mean =	23.00 22.70 21.00 25.40 23.03	22.5 22.2 20.6 24.9 22.6	6466 6381 5903 7140 6473
11	57 DAP BRAKE	1.2 SC	16.0 oz/a	111 203 311 408 Mean =	14.30 13.90 14.50 15.50 14.55	14.0 13.6 14.2 15.2 14.3	4020 3907 4076 4357 4090

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PEANUT RESPONSE TO POST APPLIED BRAKE		
YEAR 2		
Trial ID: PE-05-25	Study Dir.: K. BRISCO	
Location: PONDER FARM	Investigator: Eric P. Prostko	

Crop Code		ARAHY		ARAHY		ARAHY	
Rating Data Type		YLD-DIRTY		YLD-CLEAN		YIELD	
Rating Unit		LBS/PLOT		LBS/PLOT		LBS/A	
Rating Date		Sep-22-25		Sep-22-25		Sep-22-25	
Trt	Treatment	Form	Form	Rate			
No.	Name	Conc	Type	Rate	Unit	Plot	
						31	32
12	57 DAP					14.00	13.7
	BRAKE	1.2	SC	32.0	oz/a	12.80	12.5
						307	14.2
						406	13.8
						Mean =	13.6
						13.85	3893

University of Georgia

PEANUT RESPONSE TO POST APPLIED BRAKE YEAR 2	
Trial ID: PE-05-25	Study Dir.: K. BRISCO
Location: PONDER FARM	Investigator: Eric P. Prostko
Rating Unit	
% = PERCENT	
ARM Action Codes	
T1 = [31]*.98	
TY2 = 286.85066667*[32]	