

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE

WEED-FREE - YEAR 2 - TEST 1

Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE

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	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	GA-06G NO BRAKE								-	101	204	302	403
2	GA-06G BRAKE	1.2 SL		16.0 oz/a	PRE	A		12.5 mL/mx	1487.5 mL	102	203	304	401
3	GA-06G BRAKE	1.2 SL		32.0 oz/a	PRE	A		25.0 mL/mx	1475 mL	103	202	301	404
4	GA-06G BRAKE	1.2 SL		64.0 oz/a	PRE	A		49.99 mL/mx	1450.0 mL	104	201	303	402
5	GA-18RU NO BRAKE								-	105	208	307	406
6	GA-18RU BRAKE	1.2 SL		16.0 oz/a	PRE	A		12.5 mL/mx	1487.5 mL	106	207	308	405
7	GA-18RU BRAKE	1.2 SL		32.0 oz/a	PRE	A		25.0 mL/mx	1475 mL	107	206	305	408
8	GA-18RU BRAKE	1.2 SL		64.0 oz/a	PRE	A		49.99 mL/mx	1450.0 mL	108	205	306	407
9	GA-16HO NO BRAKE								-	109	212	310	411
10	GA-16HO BRAKE	1.2 SL		16.0 oz/a	PRE	A		12.5 mL/mx	1487.5 mL	110	211	309	412
11	GA-16HO BRAKE	1.2 SL		32.0 oz/a	PRE	A		25.0 mL/mx	1475 mL	111	210	312	409
12	GA-16HO BRAKE	1.2 SL		64.0 oz/a	PRE	A		49.99 mL/mx	1450.0 mL	112	209	311	410

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

PROWL H2O @ 32 OZ/A + STRONGARM @ 0.45 OZ/A- (PRE) OVER ENTIRE TEST (04/28/20)
 DUAL MAGNUM @ 16 OZ/A - JUNE 1
 SELECT MAX @ 16 OZ/A + NIS - JUNE 1
 WARRANT @ 3 PT/A - JULY 1

DIGGING DATE: SEPTEMBER 21
 HARVEST DATE: SEPTEMBER 24
 HARVEST MOISTURE: 21.075%
 YIELDS ADJUSTED TO 10%
 2% YIELD DEDUCTION FOR FM (ROCKS, LEAVES, STEMS, ETC.)

SUMMARY:

1) GENERALLY, ALL RATES OF BRAKE CAUSED PEANUT BLEACHING AND STUNTING WITH MORE INJURY OBSERVED WITH 32 OR 64 OZ/A WHEN COMPARED TO 16 OZ/A. BUT, BLEACHING WAS LESS THAN 11% BY 43 DAT.

2) PEANUT PLANT STAND ON MAY 27 (28 DAT) INDICATED THE FOLLOWING:

A) NO INTERACTION BETWEEN VARIETY AND BRAKE RATE (P=0.1220).

B) WHEN AVERAGED OVER BRAKE RATE, PEANUT STAND WAS AS FOLLOWS:
 GA-16HO (24.8 PLANTS/5FT)>GA-06G (21.4 PLANTS/5FT) >GA-18RU (19.2 PLANTS/5FT)

C) WHEN AVERAGED OVER VARIETY, PEANUT STAND WAS SIGNIFICANTLY REDUCED BY THE 64 OZ/A RATE OF BRAKE.

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE**WEED-FREE - YEAR 2 - TEST 1**

Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE
Location: PONDER FARM Investigator: Eric P. Prostko

3) FOR PEANUT PLANT HEIGHTS ON JUNE 25 (57 DAT), THERE WAS A SIGNIFICANT INTERACTION BETWEEN VARIETY AND RATE AS FOLLOWS:

- A) GA-06G HEIGHTS ONLY REDUCED BY 32 OZ/A AND 64 OZ/A
- B) GA-18RU HEIGHTS ONLY REDUCED BY 64 OZ/A
- C) GA-16HO HEIGHTS REDUCED BY ALL BRAKE RATES.

4) FOR PEANUT PLANT WIDTH ON JUNE 25 (57 DAT), THERE WAS NO INTERACTION BETWEEN VARIETY AND BRAKE RATE (P=0.2111).

- A) WHEN AVERAGED OVER BRAKE RATE, VARIETY HAD NO EFFECT ON PLANT WIDTH (P=0.4006)
- B) WHEN AVERAGED OVER VARIETY, PEANUT PLANT WIDTHS WERE SIGNIFICANTLY REDUCED BY THE 64 OZ/A RATE OF BRAKE.

5) FOR PEANUT YIELD LOSS (%), THERE WAS NO INTERACTION BETWEEN VARIETY AND BRAKE RATE (P=0.4083).

- A) WHEN AVERAGED OVER BRAKE RATE, VARIETY HAD NO EFFECT ON YIELD LOSS (P=0.5946).
- B) WHEN AVERAGED OVER VARIETY, ALL BRAKE RATES CAUSED SIGNIFICANT PEANUT YIELD LOSS AS FOLLOWS: 16 OZ/A (6.38%) = 32 OZ/A (6.44%) < 64 OZ/A (12.1%)

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE

WEED-FREE - YEAR 2 - TEST 1

Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE

Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KYLE BRISCOE

Title: _____

Affiliation: _____

Postal Code: _____

Investigator: Eric P. Prostko

Title: _____

Affiliation: _____

Postal Code: _____

Trial Status: E

Initiation Date: _____ Country: _____

City: _____ State/Prov.: _____ Postal Code: _____

Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N

Objective: _____

Conclusions: _____

CROP AND PEST DESCRIPTION

Weed 1. _____ 2. _____

Crop 1: ARAHY PEANUT Variety: SEVERAL Planting Date: Apr-28-20
 Planting Method: MONOSEM TWIN ROW Rate: 3.5 SEED/FT Depth: 2.0 IN
 Perennial Age: _____ Row Spacing: _____ Seed Bed: _____
 Soil Temperature: _____ Soil Moisture: OPTIMUM Emergence Date: _____

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 4

Site Type: _____

Tillage Type: CONVENTIONAL Study Design: FACTOR

Trial Initiation Comments: 300 LB/A 5-15-30 PPLNT; THIMET INFR; RANCONA SEED
 TRT; 36"-9" TWIN ROWS; 1 TON/A LIME PREPLANT: 1000 LBS/A GYPSUM

Previous: Crops Pesticides Year
 1. FIELD CORN 2019 _____

MAINTENANCE

Field Prep./Maintenance: _____

No.	Date	Treatment Name	Form	Form	Form	Rate	Unit
1.	_____	_____	_____	_____	_____	_____	_____

SOIL DESCRIPTION

Texture: SAND % OM: 0.93 % Sand: 94 % Silt: 4 % Clay: 2
 pH: 6.0 CEC: 3.7 Soil Name: TIFTON Fertility Level: GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.	Apr-30-20	0.9	IN	RAINFALL	_____	_____
2.	May-5-20	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3.	May-7-20	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4.	May-13-20	0.35	IN	SPRINKLER - LATERAL MOVE	_____	_____
5.	May-17-20	0.11	IN	RAINFALL	_____	_____
6.	May-20-20	1.3	IN	RAINFALL	_____	_____
7.	May-22-20	1.2	IN	RAINFALL	_____	_____
8.	May-26-20	0.26	IN	RAINFALL	_____	_____
9.	May-28-20	0.41	IN	RAINFALL	_____	_____
10.	May-29-20	0.19	IN	RAINFALL	_____	_____
11.	Jun-6-20	0.07	IN	RAINFALL	_____	_____
12.	Jun-7-20	0.59	IN	RAINFALL	_____	_____
13.	Jun-9-20	0.15	IN	RAINFALL	_____	_____
14.	Jun-12-20	2.67	IN	RAINFALL	_____	_____
15.	Jun-19-20	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
16.	Jun-22-20	0.61	IN	RAINFALL	_____	_____
17.	Jun-24-20	0.65	IN	SPRINKLER - LATERAL MOVE	_____	_____
18.	Jun-29-20	0.65	IN	SPRINKLER - LATERAL MOVE	_____	_____

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE

WEED-FREE - YEAR 2 - TEST 1

Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE
Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION		A	B	C	D	E	F
Application Date:	Apr-29-20						
Time of Day:	7:30 am						
Application Method:	BROADCAST						
Application Timing:	PRE						
Applic. Placement:	SOIL						
Air Temp., Unit:	62 F						
% Relative Humidity:	85						
Wind Velocity, Unit:	4 MPH						
Dew Presence (Y/N):	N						
Water Hardness:	--						
Soil Temp., Unit:	68 F						
Soil Moisture:	OPTIMUM						
% Cloud Cover:	100						

CROP STAGE AT EACH APPLICATION		A	B	C	D	E	F
Crop 1	Stage: ARAHY						
	Stage Scale:						
	Height, Unit:						

WEED STAGE AT EACH APPLICATION		A	B	C	D	E	F
Weed 1	Stage:						
	Stage Scale:						
	Density, Unit:						

APPLICATION EQUIPMENT		A	B	C	D	E	F
Appl. Equipment:	BACKPACK						
Operating Pressure:	42 PSI						
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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	----	-----	-----	----	-----	-----
Crop Code	Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	PLANTS -	Plant -	Plant -	Plant -
Rating Data Type	stand	Bleached	BLEACHED	Stunting	Stunting	Bleachin
Rating Unit	#/5 ft	#/5 ft	PERCENT	Percent	Percent	Percent
Rating Date	May-12-20	May-12-20	May-12-20	May-12-20	May-21-20	May-21-20
Trt-Eval Interval	13 DA-A	13 DA-A	13 DA-A	13 DA-A	22 DA-A	22 DA-A
PRM Data Type			T1			
# Subsamples, Dec.			- 1			
Trt Treatment Form Form Rate Grow Appl						
No. Name Conc Type Rate Unit Stg Code	1	2	3	4	5	6
TABLE OF R MEANS						
Replicate 1	21.8	7.7	34.2	2.9	4.6	22.5
Replicate 2	20.8	8.8	40.3	5.4	10.8	29.2
Replicate 3	21.3	8.2	39.9	3.8	10.0	28.3
Replicate 4	22.3	6.1	27.7	4.2	7.5	21.7
TABLE OF A (VARIETY) MEANS						
1 GA-06G	21.3 b	8.3 a	36.7 a	3.8 a	8.1 a	22.8 b
2 GA-18RU	18.7 c	6.2 a	34.3 a	5.0 a	8.1 a	21.9 b
3 GA-16HO	24.6 a	8.6 a	35.5 a	3.4 a	8.4 a	31.6 a
LSD P=.10	2.41	2.66	8.76	1.49	2.91	3.28
Standard Deviation	3.51	3.87	12.75	2.17	4.23	4.77
CV	16.31	50.39	35.90	53.29	51.39	18.76
TABLE OF B (BRAKE RATE) MEANS						
1 NO BRAKE	21.5 a	0.0 d	0.0 d	0.0 d	0.0 c	0.0 d
2 BRAKE 1.2 SL 16.0 oz/a PRE A	21.4 a	3.9 c	17.8 c	1.7 c	3.3 bc	11.3 c
3 BRAKE 1.2 SL 32.0 oz/a PRE A	21.1 a	10.8 b	50.4 b	5.0 b	8.8 b	28.3 b
4 BRAKE 1.2 SL 64.0 oz/a PRE A	22.2 a	16.1 a	73.9 a	9.6 a	20.8 a	62.1 a
LSD P=.10	2.28	2.30	10.11	1.45	5.56	6.77
Standard Deviation	3.05	3.07	13.51	1.94	7.43	9.05
CV	14.16	39.90	38.04	47.74	90.24	35.62
TABLE OF A (VARIETY) B (BRAKE RATE) MEANS						
1 GA-06G 1 NO BRAKE	18.5 cd	0.0 a	0.0 a	0.0 a	0.0 a	0.0 h
2 GA-18RU 1 NO BRAKE	21.0 bc	0.0 a	0.0 a	0.0 a	0.0 a	0.0 h
3 GA-16HO 1 NO BRAKE	25.0 a	0.0 a	0.0 a	0.0 a	0.0 a	0.0 h
1 GA-06G 2 BRAKE 1.2 SL 16.0 oz/a PRE A	22.8 ab	4.3 a	18.6 a	0.0 a	2.5 a	8.8 g
2 GA-18RU 2 BRAKE 1.2 SL 16.0 oz/a PRE A	18.3 cd	2.0 a	10.4 a	3.8 a	2.5 a	8.8 g
3 GA-16HO 2 BRAKE 1.2 SL 16.0 oz/a PRE A	23.3 ab	5.5 a	24.5 a	1.3 a	5.0 a	16.3 f
1 GA-06G 3 BRAKE 1.2 SL 32.0 oz/a PRE A	21.3 bc	11.3 a	51.5 a	5.0 a	7.5 a	22.5 e
2 GA-18RU 3 BRAKE 1.2 SL 32.0 oz/a PRE A	17.0 d	7.8 a	46.3 a	5.0 a	10.0 a	23.8 e
3 GA-16HO 3 BRAKE 1.2 SL 32.0 oz/a PRE A	25.0 a	13.3 a	53.2 a	5.0 a	8.8 a	38.8 d
1 GA-06G 4 BRAKE 1.2 SL 64.0 oz/a PRE A	22.8 ab	17.5 a	76.8 a	10.0 a	22.5 a	60.0 b
2 GA-18RU 4 BRAKE 1.2 SL 64.0 oz/a PRE A	18.5 cd	15.0 a	80.6 a	11.3 a	20.0 a	55.0 c
3 GA-16HO 4 BRAKE 1.2 SL 64.0 oz/a PRE A	25.3 a	15.8 a	64.3 a	7.5 a	20.0 a	71.3 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.

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1						
Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE						
Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	----	-----	-----	----		
Crop Code	Arahy	Arahy	ARAHY	Arahy	Arahy	Arahy
Part Rated	Plant -	Plant -	PLANTS -	Plant -	Plant -	Plant -
Rating Data Type	stand	Bleached	BLEACHED	Stunting	Stunting	Bleachin
Rating Unit	#/5 ft	#/5 ft	PERCENT	Percent	Percent	Percent
Rating Date	May-12-20	May-12-20	May-12-20	May-12-20	May-21-20	May-21-20
Trt-Eval Interval	13 DA-A	13 DA-A	13 DA-A	13 DA-A	22 DA-A	22 DA-A
PRM Data Type			T1			
# Subsamples, Dec.			- 1			
Trt Treatment Form Form Rate Grow Appl						
No. Name Conc Type Rate Unit Stg Code	1	2	3	4	5	6
LSD P=.10	3.12	5.02	18.99	3.30	4.39	4.30
Standard Deviation	2.55	4.09	15.49	2.69	3.58	3.51
CV	11.82	53.25	43.59	66.20	43.46	13.81

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated		Plant -	Plant -	Plant -	Plant -		
Rating Data Type	Stand	Stunting	Bleachin	Stunting	Bleachin	Hgt1	Hgt2
Rating Unit	#/5 ft	Percent	Percent	Percent	Percent	In	In
Rating Date	May-27-20	May-29-20	May-29-20	Jun-11-20	Jun-11-20	Jun-25-20	Jun-25-20
Trt-Eval Interval	28 DA-A	30 DA-A	30 DA-A	43 DA-A	43 DA-A	57 DA-A	57 DA-A
PRM Data Type							
# Subsamples, Dec.							
Trt Treatment Form Form Rate Grow Appl							
No. Name Conc Type Rate Unit Stg Code	7	8	9	10	11	12	13
TABLE OF R MEANS							
Replicate 1	22.1	2.5	11.7	4.2	3.3	6.00	5.96
Replicate 2	20.3	7.9	15.8	13.8	3.8	5.50	5.83
Replicate 3	21.2	9.2	15.0	14.2	4.2	5.92	5.58
Replicate 4	23.6	6.7	13.3	6.7	4.2	6.29	6.25
TABLE OF A (VARIETY) MEANS							
1 GA-06G	21.4 b	6.6 a	13.1 b	10.0 a	3.8 a	6.13 a	6.13 a
2 GA-18RU	19.2 c	6.3 a	11.3 b	8.4 a	3.4 a	5.91 a	5.94 a
3 GA-16HO	24.8 a	6.9 a	17.5 a	10.6 a	4.4 a	5.75 a	5.66 a
LSD P=.10	1.86	1.64	2.36	2.38	1.54	0.746	0.559
Standard Deviation	2.71	2.39	3.44	3.46	2.24	1.086	0.813
CV	12.47	36.47	24.62	35.73	58.22	18.318	13.770
TABLE OF B (BRAKE RATE) MEANS							
1 NO BRAKE	23.0 a	0.0 b	0.0 c	0.0 b	0.0 c	6.25 a	6.42 a
2 BRAKE 1.2 SL 16.0 oz/a PRE A	24.0 a	0.8 b	3.8 c	0.8 b	0.4 c	6.33 a	5.96 ab
3 BRAKE 1.2 SL 32.0 oz/a PRE A	22.6 a	4.2 b	13.8 b	7.5 b	4.6 b	6.00 a	5.83 bc
4 BRAKE 1.2 SL 64.0 oz/a PRE A	17.5 b	21.3 a	38.3 a	30.4 a	10.4 a	5.13 b	5.42 c
LSD P=.10	2.30	6.22	3.99	12.12	0.90	0.537	0.464
Standard Deviation	3.08	8.31	5.34	16.19	1.20	0.717	0.620
CV	14.13	126.61	38.23	167.12	31.21	12.101	10.503
TABLE OF A (VARIETY) B (BRAKE RATE) MEANS							
1 GA-06G 1 NO BRAKE	21.0 a	0.0 a	0.0 g	0.0 a	0.0 d	6.25 a-d	6.50 a
2 GA-18RU 1 NO BRAKE	22.5 a	0.0 a	0.0 g	0.0 a	0.0 d	5.75 de	6.38 ab
3 GA-16HO 1 NO BRAKE	25.5 a	0.0 a	0.0 g	0.0 a	0.0 d	6.75 a	6.38 ab
1 GA-06G 2 BRAKE 1.2 SL 16.0 oz/a PRE A	24.0 a	0.0 a	2.5 fg	1.3 a	0.0 d	6.50 abc	6.00 abc
2 GA-18RU 2 BRAKE 1.2 SL 16.0 oz/a PRE A	21.3 a	1.3 a	3.8 fg	1.3 a	1.3 d	6.63 ab	6.13 abc
3 GA-16HO 2 BRAKE 1.2 SL 16.0 oz/a PRE A	26.8 a	1.3 a	5.0 f	0.0 a	0.0 d	5.88 cde	5.75 cd
1 GA-06G 3 BRAKE 1.2 SL 32.0 oz/a PRE A	22.5 a	5.0 a	13.8 de	7.5 a	5.0 c	6.25 a-d	6.00 abc
2 GA-18RU 3 BRAKE 1.2 SL 32.0 oz/a PRE A	18.3 a	3.8 a	10.0 e	7.5 a	3.8 c	5.75 de	5.38 d
3 GA-16HO 3 BRAKE 1.2 SL 32.0 oz/a PRE A	27.0 a	3.8 a	17.5 d	7.5 a	5.0 c	6.00 b-e	6.13 abc
1 GA-06G 4 BRAKE 1.2 SL 64.0 oz/a PRE A	18.0 a	21.3 a	36.3 b	31.3 a	10.0 b	5.50 e	6.00 abc
2 GA-18RU 4 BRAKE 1.2 SL 64.0 oz/a PRE A	14.8 a	20.0 a	31.3 c	25.0 a	8.8 b	5.50 e	5.88 bcd
3 GA-16HO 4 BRAKE 1.2 SL 64.0 oz/a PRE A	19.8 a	22.5 a	47.5 a	35.0 a	12.5 a	4.38 f	4.38 e

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1							
Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	-----	----	----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated		Plant -	Plant -	Plant -	Plant -		
Rating Data Type	Stand	Stunting	Bleachin	Stunting	Bleachin	Hgt1	Hgt2
Rating Unit	#/5 ft	Percent	Percent	Percent	Percent	In	In
Rating Date	May-27-20	May-29-20	May-29-20	Jun-11-20	Jun-11-20	Jun-25-20	Jun-25-20
Trt-Eval Interval	28 DA-A	30 DA-A	30 DA-A	43 DA-A	43 DA-A	57 DA-A	57 DA-A
PRM Data Type							
# Subsamples, Dec.							
Trt Treatment Form Form Rate Grow Appl							
No. Name Conc Type Rate Unit Stg Code	7	8	9	10	11	12	13
LSD P=.10	2.66	3.05	4.09	4.44	1.64	0.631	0.568
Standard Deviation	2.17	2.49	3.33	3.62	1.34	0.514	0.463
CV	9.96	37.92	23.88	37.41	34.75	8.677	7.845

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy
Crop Code							
Part Rated							
Rating Data Type	Hgt3	Hgt4	Hgt5	AVG-Hgt	Bleachin	Middle -	Twin -
Rating Unit	In	In	In	in	Percent	Lap	Width1
Rating Date	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20
Trt-Eval Interval	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A
PRM Data Type							
# Subsamples, Dec.				T2 - 1			
Trt Treatment Form Form Rate Grow Appl No. Name Conc Type Rate Unit Stg Code	14	15	16	17	18	19	20
TABLE OF R MEANS							
Replicate 1	6.13	6.46	6.13	6.1	0.4	39.2	27.33
Replicate 2	5.58	5.50	5.67	5.6	0.0	44.6	27.17
Replicate 3	6.04	6.04	6.04	5.9	1.3	43.8	27.21
Replicate 4	6.13	6.13	6.08	6.2	2.5	64.9	30.29
TABLE OF A (VARIETY) MEANS							
1 GA-06G	6.06 a	6.41 a	5.84 a	6.1 a	0.9 a	42.2 a	27.25 a
2 GA-18RU	5.94 a	5.78 a	6.00 a	5.9 a	0.9 a	56.3 a	28.25 a
3 GA-16HO	5.91 a	5.91 a	6.09 a	5.9 a	1.3 a	45.9 a	28.50 a
LSD P=.10	0.542	0.600	0.533	0.53	1.11	19.04	2.104
Standard Deviation	0.789	0.874	0.776	0.78	1.61	27.71	3.063
CV	13.227	14.491	12.981	13.03	154.92	57.61	10.939
TABLE OF B (BRAKE RATE) MEANS							
1 NO BRAKE	6.46 a	6.38 a	6.38 a	6.4 a	0.4 a	61.3 a	29.13 a
2 BRAKE 1.2 SL 16.0 oz/a PRE A	6.25 a	6.38 a	6.38 a	6.3 a	0.4 a	64.1 a	29.54 a
3 BRAKE 1.2 SL 32.0 oz/a PRE A	6.38 a	6.25 a	6.00 a	6.1 a	0.4 a	57.5 a	28.42 a
4 BRAKE 1.2 SL 64.0 oz/a PRE A	4.79 b	5.13 b	5.17 b	5.1 b	2.9 a	9.6 b	24.92 b
LSD P=.10	0.911	0.695	0.550	0.55	2.25	22.57	2.343
Standard Deviation	1.217	0.928	0.734	0.74	3.00	30.16	3.131
CV	20.396	15.391	12.283	12.41	288.44	62.70	11.184
TABLE OF A (VARIETY) B (BRAKE RATE) MEANS							
1 GA-06G 1 NO BRAKE	6.88 a	6.75 ab	6.50 a	6.6 a	0.0 a	53.8 a	27.25 a
2 GA-18RU 1 NO BRAKE	6.00 a	5.50 ef	6.13 a	6.0 c	1.3 a	67.5 a	29.50 a
3 GA-16HO 1 NO BRAKE	6.50 a	6.88 a	6.50 a	6.6 a	0.0 a	62.5 a	30.63 a
1 GA-06G 2 BRAKE 1.2 SL 16.0 oz/a PRE A	6.00 a	6.75 ab	6.50 a	6.4 ab	0.0 a	60.0 a	29.25 a
2 GA-18RU 2 BRAKE 1.2 SL 16.0 oz/a PRE A	6.25 a	6.63 ab	6.50 a	6.4 ab	0.0 a	70.0 a	30.00 a
3 GA-16HO 2 BRAKE 1.2 SL 16.0 oz/a PRE A	6.50 a	5.75 de	6.13 a	6.0 c	1.3 a	62.3 a	29.38 a
1 GA-06G 3 BRAKE 1.2 SL 32.0 oz/a PRE A	6.50 a	6.50 abc	5.75 a	6.2 bc	1.3 a	51.3 a	28.25 a
2 GA-18RU 3 BRAKE 1.2 SL 32.0 oz/a PRE A	6.50 a	6.25 bcd	5.75 a	5.9 c	0.0 a	65.0 a	28.38 a
3 GA-16HO 3 BRAKE 1.2 SL 32.0 oz/a PRE A	6.13 a	6.00 cde	6.50 a	6.2 bc	0.0 a	56.3 a	28.63 a
1 GA-06G 4 BRAKE 1.2 SL 64.0 oz/a PRE A	4.88 a	5.63 e	4.63 a	5.3 d	2.5 a	3.8 a	24.25 a
2 GA-18RU 4 BRAKE 1.2 SL 64.0 oz/a PRE A	5.00 a	4.75 g	5.63 a	5.4 d	2.5 a	22.5 a	25.13 a
3 GA-16HO 4 BRAKE 1.2 SL 64.0 oz/a PRE A	4.50 a	5.00 fg	5.25 a	4.7 e	3.8 a	2.5 a	25.38 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.

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1							
Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE							
Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated						Middle -	Twin -
Rating Data Type	Hgt3	Hgt4	Hgt5	AVG-Hgt	Bleachin	Lap	Width1
Rating Unit	In	In	In	in	Percent	Percent	In
Rating Date	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20
Trt-Eval Interval	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A
PRM Data Type				T2			
# Subsamples, Dec.				- 1			
Trt Treatment	Form	Form	Rate	Grow	Appl		
No. Name	Conc	Type	Rate	Unit	Stg	Code	
	14	15	16	17	18	19	20
LSD P=.10	0.754	0.563	0.761	0.34	1.69	25.04	1.836
Standard Deviation	0.615	0.459	0.620	0.28	1.38	20.42	1.498
CV	10.299	7.610	10.375	4.71	132.67	42.45	5.349

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko							
Weed Code	----- Arahy Twin - Width2 In Jun-25-20 57 DA-A	----- Arahy Twin - Width3 In Jun-25-20 57 DA-A	----- Arahy Twin - Width4 In Jun-25-20 57 DA-A	----- Arahy Twin - Width5 In Jun-25-20 57 DA-A	----- ARAHY Twin - AVG-Wdth In Jun-25-20 57 DA-A T3 - 1	----- ARAHY YIELD - DIRTY LBS/PLOT Sep-24-20 148 DA-A - 1	----- ARAHY YIELD - CLEAN LBS/PLOT Sep-24-20 148 DA-A T4 - 1
Trt Treatment Form Form Rate Grow Appl No. Name Conc Type Rate Unit Stg Code	21	22	23	24	25	26	27
TABLE OF R MEANS							
Replicate 1	27.79	27.13	27.38	27.92	27.5	20.7	20.3
Replicate 2	27.00	27.33	27.58	27.46	27.3	21.9	21.5
Replicate 3	26.67	27.17	27.29	26.79	27.0	22.9	22.4
Replicate 4	28.58	28.38	28.67	29.46	29.1	24.5	24.0
TABLE OF A (VARIETY) MEANS							
1 GA-06G	26.84 a	27.34 a	26.84 a	27.31 b	27.1 a	21.9 a	21.5 a
2 GA-18RU	27.97 a	28.19 a	28.22 a	29.09 a	28.3 a	23.3 a	22.8 a
3 GA-16HO	27.72 a	26.97 a	28.13 a	27.31 b	27.7 a	22.4 a	21.9 a
LSD P=.10	3.245	1.717	1.866	1.383	1.63	1.28	1.25
Standard Deviation	4.723	2.500	2.715	2.013	2.37	1.86	1.82
CV	17.168	9.090	9.792	7.215	8.54	8.25	8.25
TABLE OF B (BRAKE RATE) MEANS							
1 NO BRAKE	29.33 a	28.38 a	28.92 a	29.25 a	29.0 a	23.7 a	23.2 a
2 BRAKE 1.2 SL 16.0 oz/a PRE A	29.38 a	29.63 a	29.58 a	30.08 a	29.6 a	22.7 a	22.2 a
3 BRAKE 1.2 SL 32.0 oz/a PRE A	27.29 a	29.00 a	28.71 a	28.46 a	28.4 a	22.3 a	21.9 a
4 BRAKE 1.2 SL 64.0 oz/a PRE A	24.04 b	23.00 b	23.71 b	23.83 b	23.9 b	21.3 a	20.9 a
LSD P=.10	2.269	2.223	2.699	2.371	2.06	1.55	1.52
Standard Deviation	3.032	2.971	3.606	3.168	2.75	2.08	2.04
CV	11.022	10.802	13.004	11.353	9.93	9.23	9.23
TABLE OF A (VARIETY) B (BRAKE RATE) MEANS							
1 GA-06G 1 NO BRAKE	28.75 bcd	27.63 a	27.00 a	28.13 bc	27.8 a	23.4 a	22.9 a
2 GA-18RU 1 NO BRAKE	29.75 ab	29.50 a	29.63 a	29.88 a	29.7 a	23.5 a	23.0 a
3 GA-16HO 1 NO BRAKE	29.50 bc	28.00 a	30.13 a	29.75 a	29.6 a	24.3 a	23.8 a
1 GA-06G 2 BRAKE 1.2 SL 16.0 oz/a PRE A	28.13 cde	28.25 a	29.38 a	30.63 a	29.1 a	22.1 a	21.6 a
2 GA-18RU 2 BRAKE 1.2 SL 16.0 oz/a PRE A	31.13 a	30.00 a	29.50 a	30.50 a	30.2 a	23.8 a	23.3 a
3 GA-16HO 2 BRAKE 1.2 SL 16.0 oz/a PRE A	28.88 bcd	30.63 a	29.88 a	29.13 ab	29.6 a	22.3 a	21.8 a
1 GA-06G 3 BRAKE 1.2 SL 32.0 oz/a PRE A	27.50 de	30.50 a	29.25 a	28.00 bc	28.7 a	22.8 a	22.3 a
2 GA-18RU 3 BRAKE 1.2 SL 32.0 oz/a PRE A	27.63 de	29.25 a	28.88 a	29.88 a	28.8 a	22.9 a	22.4 a
3 GA-16HO 3 BRAKE 1.2 SL 32.0 oz/a PRE A	26.75 ef	27.25 a	28.00 a	27.50 cd	27.6 a	21.4 a	20.9 a
1 GA-06G 4 BRAKE 1.2 SL 64.0 oz/a PRE A	23.00 g	23.00 a	21.75 a	22.50 e	22.9 a	19.5 a	19.1 a
2 GA-18RU 4 BRAKE 1.2 SL 64.0 oz/a PRE A	23.38 g	24.00 a	24.88 a	26.13 d	24.7 a	22.9 a	22.4 a
3 GA-16HO 4 BRAKE 1.2 SL 64.0 oz/a PRE A	25.75 f	22.00 a	24.50 a	22.88 e	24.1 a	21.5 a	21.1 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.

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1							
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE					
Location: PONDER FARM		Investigator: Eric P. Prostko					
Weed Code	-----	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	ARAHY	ARAHY	ARAHY
Part Rated	Twin -	Twin -	Twin -	Twin -	Twin -	YIELD -	YIELD -
Rating Data Type	Width2	Width3	Width4	Width5	AVG-Wdth	DIRTY	CLEAN
Rating Unit	In	In	In	In	In	LBS/PLOT	LBS/PLOT
Rating Date	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Sep-24-20	Sep-24-20
Trt-Eval Interval	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	148 DA-A	148 DA-A
PRM Data Type					T3		T4
# Subsamples, Dec.	- 1	- 1	- 1	- 1	- 1	- 1	- 1
Trt Treatment	Form	Form	Rate	Grow	Appl		
No. Name	Conc	Type	Rate	Unit	Stg	Code	
	21	22	23	24	25	26	27
LSD P=.10	1.527	2.564	3.150	1.548	1.26	2.38	2.34
Standard Deviation	1.245	2.091	2.569	1.262	1.03	1.94	1.91
CV	4.527	7.602	9.263	4.523	3.70	8.64	8.64

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1									
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE							
Location: PONDER FARM		Investigator: Eric P. Prostko							
Weed Code				-----			-----		
Crop Code				ARAHY			ARAHY		
Part Rated				PLOT -			YIELD -		
Rating Data Type				YIELD			LOSS		
Rating Unit				LBS/A			PERCENT		
Rating Date				Sep-24-20			Sep-24-20		
Trt-Eval Interval				148 DA-A			148 DA-A		
PRM Data Type				TY5					
# Subsamples, Dec.				- 0					
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	28	29
TABLE OF R MEANS									
Replicate 1								5177	4.71
Replicate 2								5470	9.05
Replicate 3								5711	6.70
Replicate 4								6112	4.46
TABLE OF A (VARIETY) MEANS									
1 GA-06G								5467 a	6.74 a
2 GA-18RU								5806 a	4.01 a
3 GA-16HO								5579 a	7.94 a
LSD P=.10								318.4	7.336
Standard Deviation								463.5	10.678
CV								8.3	171.422
TABLE OF B (BRAKE RATE) MEANS									
1 NO BRAKE								5919 a	0.00 c
2 BRAKE 1.2 SL 16.0 oz/a PRE A								5661 a	6.38 b
3 BRAKE 1.2 SL 32.0 oz/a PRE A								5576 a	6.44 b
4 BRAKE 1.2 SL 64.0 oz/a PRE A								5314 a	12.10 a
LSD P=.10								387.9	5.005
Standard Deviation								518.3	6.687
CV								9.2	107.356
TABLE OF A (VARIETY) B (BRAKE RATE) MEANS									
1 GA-06G								5834 a	0.00 a
1 NO BRAKE									
2 GA-18RU								5865 a	0.00 a
1 NO BRAKE									
3 GA-16HO								6058 a	0.00 a
1 NO BRAKE									
1 GA-06G								5503 a	6.30 a
2 BRAKE 1.2 SL 16.0 oz/a PRE A									
2 GA-18RU								5927 a	4.43 a
2 BRAKE 1.2 SL 16.0 oz/a PRE A									
3 GA-16HO								5553 a	8.40 a
2 BRAKE 1.2 SL 16.0 oz/a PRE A									
1 GA-06G								5678 a	3.13 a
3 BRAKE 1.2 SL 32.0 oz/a PRE A									
2 GA-18RU								5715 a	4.23 a
3 BRAKE 1.2 SL 32.0 oz/a PRE A									
3 GA-16HO								5335 a	11.98 a
3 BRAKE 1.2 SL 32.0 oz/a PRE A									
1 GA-06G								4854 a	17.53 a
4 BRAKE 1.2 SL 64.0 oz/a PRE A									
2 GA-18RU								5715 a	7.40 a
4 BRAKE 1.2 SL 64.0 oz/a PRE A									
3 GA-16HO								5372 a	11.38 a
4 BRAKE 1.2 SL 64.0 oz/a PRE 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.

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko		
Weed Code	-----	-----
Crop Code	ARAHY	ARAHY
Part Rated	PLOT -	YIELD -
Rating Data Type	YIELD	LOSS
Rating Unit	LBS/A	PERCENT
Rating Date	Sep-24-20	Sep-24-20
Trt-Eval Interval	148 DA-A	148 DA-A
PRM Data Type	TY5	
# Subsamples, Dec.	- 0	
Trt Treatment Form Form Rate Grow Appl No. Name Conc Type Rate Unit Stg Code	28	29
LSD P=.10	595.2	8.278
Standard Deviation	485.4	6.751
CV	8.6	108.376

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1						
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For ---- Arahya Plant stand #/5 ft May-12-20 13 DA-A (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	665.916667				
R	3	16.083333	5.361111	0.827	0.4959	
A	2	283.291667	141.645833	11.478	0.0089	2.4
RA	6	74.041667	12.340278			
B	3	7.416667	2.472222	0.266	0.8485	2.3
RB	9	83.750000	9.305556			
AB	6	84.708333	14.118056	2.179	0.0936	3.1
RAB	18	116.625000	6.479167			
COMPLETE FACTORIAL AOV For ----- Arahya Plant Bleached #/5 ft May-12-20 13 DA-A (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	2464.312500				
R	3	49.395833	16.465278	0.983	0.4230	
A	2	55.125000	27.562500	1.837	0.2386	2.7
RA	6	90.041667	15.006944			
B	3	1838.229167	612.743056	65.118	0.0001	2.3
RB	9	84.687500	9.409722			
AB	6	45.208333	7.534722	0.450	0.8358	5.0
RAB	18	301.625000	16.756944			
COMPLETE FACTORIAL AOV For ----- ARAHY PLANTS BLEACHED PERCENT May-12-20 13 DA-A T1 1 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	48503.721573				
R	3	1268.938941	422.979647	1.764	0.1901	
A	2	46.031633	23.015817	0.141	0.8709	8.8
RA	6	976.109328	162.684888			
B	3	39208.447810	13069.482603	71.578	0.0001	10.1
RB	9	1643.313607	182.590401			
AB	6	1044.223091	174.037182	0.726	0.6347	19.0
RAB	18	4316.657163	239.814287			
COMPLETE FACTORIAL AOV For ---- Arahya Plant Stunting Percent May-12-20 13 DA-A (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	932.812500				
R	3	39.062500	13.020833	1.800	0.1833	
A	2	21.875000	10.937500	2.333	0.1780	1.5
RA	6	28.125000	4.687500			
B	3	643.229167	214.409722	57.000	0.0001	1.5
RB	9	33.854167	3.761574			
AB	6	36.458333	6.076389	0.840	0.5553	3.3
RAB	18	130.208333	7.233796			
COMPLETE FACTORIAL AOV For Arahya Plant Stunting Percent May-21-20 22 DA-A (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	4174.479167				
R	3	284.895833	94.965278	7.425	0.0019	
A	2	1.041667	0.520833	0.029	0.9714	2.9
RA	6	107.291667	17.881944			
B	3	3009.895833	1003.298611	18.192	0.0004	5.6
RB	9	496.354167	55.150463			
AB	6	44.791667	7.465278	0.584	0.7388	4.4
RAB	18	230.208333	12.789352			
COMPLETE FACTORIAL AOV For Arahya Plant Bleachin Percent May-21-20 22 DA-A (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	29391.666667				
R	3	541.666667	180.555556	14.648	0.0001	
A	2	913.541667	456.770833	20.084	0.0022	3.3
RA	6	136.458333	22.743056			
B	3	26395.833333	8798.611111	107.373	0.0001	6.8
RB	9	737.500000	81.944444			
AB	6	444.791667	74.131944	6.014	0.0014	4.3
RAB	18	221.875000	12.326389			

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1							
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For ----- Arahya Stand #/5 ft May-27-20 28 DA-A (Data Column 7)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	898.479167					
R	3	72.729167	24.243056	5.157	0.0095		
A	2	251.291667	125.645833	17.053	0.0033		1.9
RA	6	44.208333	7.368056				
B	3	304.562500	101.520833	10.726	0.0025		2.3
RB	9	85.187500	9.465278				
AB	6	55.875000	9.312500	1.981	0.1220		2.7
RAB	18	84.625000	4.701389				
COMPLETE FACTORIAL AOV For ---- Arahya Plant Stunting Percent May-29-20 30 DA-A (Data Column 8)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	4657.812500					
R	3	301.562500	100.520833	16.234	0.0001		
A	2	3.125000	1.562500	0.273	0.7703		1.6
RA	6	34.375000	5.729167				
B	3	3568.229167	1189.409722	17.228	0.0005		6.2
RB	9	621.354167	69.039352				
AB	6	17.708333	2.951389	0.477	0.8169		3.1
RAB	18	111.458333	6.192130				
COMPLETE FACTORIAL AOV For ---- Arahya Plant Bleachin Percent May-29-20 30 DA-A (Data Column 9)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	12047.916667					
R	3	122.916667	40.972222	3.688	0.0314		
A	2	329.166667	164.583333	13.941	0.0056		2.4
RA	6	70.833333	11.805556				
B	3	10718.750000	3572.916667	125.488	0.0001		4.0
RB	9	256.250000	28.472222				
AB	6	350.000000	58.333333	5.250	0.0028		4.1
RAB	18	200.000000	11.111111				
COMPLETE FACTORIAL AOV For ----- Arahya Plant Stunting Percent Jun-11-20 43 DA-A (Data Column 10)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	11070.312500					
R	3	914.062500	304.687500	23.194	0.0001		
A	2	40.625000	20.312500	1.696	0.2608		2.4
RA	6	71.875000	11.979167				
B	3	7280.729167	2426.909722	9.260	0.0041		12.1
RB	9	2358.854167	262.094907				
AB	6	167.708333	27.951389	2.128	0.1002		4.4
RAB	18	236.458333	13.136574				
COMPLETE FACTORIAL AOV For ----- Arahya Plant Bleachin Percent Jun-11-20 43 DA-A (Data Column 11)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	961.979167					
R	3	5.729167	1.909722	1.065	0.3888		
A	2	7.291667	3.645833	0.724	0.5227		1.5
RA	6	30.208333	5.034722				
B	3	843.229167	281.076389	194.280	0.0001		0.9
RB	9	13.020833	1.446759				
AB	6	30.208333	5.034722	2.806	0.0416		1.6
RAB	18	32.291667	1.793981				
COMPLETE FACTORIAL AOV For ----- Arahya Hgt1 In Jun-25-20 57 DA-A (Data Column 12)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	38.494792					
R	3	3.848958	1.282986	4.851	0.0121		
A	2	1.135417	0.567708	0.482	0.6398		0.75
RA	6	7.072917	1.178819				
B	3	11.015625	3.671875	7.137	0.0094		0.54
RB	9	4.630208	0.514468				
AB	6	6.031250	1.005208	3.801	0.0127		0.63
RAB	18	4.760417	0.264468				

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1						
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For ----- Arahya Hgt2 In Jun-25-20 57 DA-A (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	28.328125				
R	3	2.765625	0.921875	4.294	0.0188	
A	2	1.781250	0.890625	1.346	0.3288	0.56
RA	6	3.968750	0.661458			
B	3	6.098958	2.032986	5.283	0.0225	0.46
RB	9	3.463542	0.384838			
AB	6	6.385417	1.064236	4.957	0.0037	0.57
RAB	18	3.864583	0.214699			
COMPLETE FACTORIAL AOV For ----- Arahya Hgt3 In Jun-25-20 57 DA-A (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	51.703125				
R	3	2.432292	0.810764	2.145	0.1300	
A	2	0.218750	0.109375	0.175	0.8432	0.54
RA	6	3.739583	0.623264			
B	3	22.432292	7.477431	5.045	0.0254	0.91
RB	9	13.338542	1.482060			
AB	6	2.739583	0.456597	1.208	0.3468	0.75
RAB	18	6.802083	0.377894			
COMPLETE FACTORIAL AOV For ----- Arahya Hgt4 In Jun-25-20 57 DA-A (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	44.203125				
R	3	5.682292	1.894097	8.992	0.0007	
A	2	3.500000	1.750000	2.291	0.1823	0.60
RA	6	4.583333	0.763889			
B	3	13.265625	4.421875	5.132	0.0243	0.69
RB	9	7.755208	0.861690			
AB	6	5.625000	0.937500	4.451	0.0062	0.56
RAB	18	3.791667	0.210648			
COMPLETE FACTORIAL AOV For ----- Arahya Hgt5 In Jun-25-20 57 DA-A (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	32.979167				
R	3	1.604167	0.534722	1.389	0.2782	
A	2	0.510417	0.255208	0.424	0.6728	0.53
RA	6	3.614583	0.602431			
B	3	11.687500	3.895833	7.223	0.0091	0.55
RB	9	4.854167	0.539352			
AB	6	3.781250	0.630208	1.638	0.1942	0.76
RAB	18	6.927083	0.384838			
COMPLETE FACTORIAL AOV For Arahya AVG-Hgt in Jun-25-20 57 DA-A T2 1 (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	26.772500				
R	3	2.344167	0.781389	9.928	0.0004	
A	2	0.560000	0.280000	0.464	0.6498	0.5
RA	6	3.623333	0.603889			
B	3	11.709167	3.903056	7.131	0.0094	0.6
RB	9	4.925833	0.547315			
AB	6	2.193333	0.365556	4.645	0.0051	0.3
RAB	18	1.416667	0.078704			
COMPLETE FACTORIAL AOV For ----- Arahya Bleachin Percent Jun-25-20 57 DA-A (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	247.916667				
R	3	43.750000	14.583333	7.636	0.0017	
A	2	1.041667	0.520833	0.200	0.8240	1.1
RA	6	15.625000	2.604167			
B	3	56.250000	18.750000	2.077	0.1736	2.2
RB	9	81.250000	9.027778			
AB	6	15.625000	2.604167	1.364	0.2816	1.7
RAB	18	34.375000	1.909722			

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1						
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE				
Location: PONDER FARM		Investigator: Eric P. Prostko				
COMPLETE FACTORIAL AOV For ----- Arahy Middle Lap Percent Jun-25-20 57 DA-A (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	51028.479167				
R	3	4726.729167	1575.576389	3.779	0.0290	
A	2	1701.291667	850.645833	1.108	0.3895	19.0
RA	6	4607.208333	767.868056			
B	3	24003.395833	8001.131944	8.795	0.0049	22.6
RB	9	8187.687500	909.743056			
AB	6	298.041667	49.673611	0.119	0.9927	25.0
RAB	18	7504.125000	416.895833			
COMPLETE FACTORIAL AOV For ----- Arahy Twin Width1 In Jun-25-20 57 DA-A (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	457.000000				
R	3	84.208333	28.069444	12.514	0.0001	
A	2	14.000000	7.000000	0.746	0.5136	2.10
RA	6	56.291667	9.381944			
B	3	159.875000	53.291667	5.435	0.0208	2.34
RB	9	88.250000	9.805556			
AB	6	14.000000	2.333333	1.040	0.4323	1.84
RAB	18	40.375000	2.243056			
COMPLETE FACTORIAL AOV For ----- Arahy Twin Width2 In Jun-25-20 57 DA-A (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	538.744792				
R	3	26.432292	8.810764	5.681	0.0064	
A	2	11.166667	5.583333	0.250	0.7863	3.24
RA	6	133.833333	22.305556			
B	3	226.557292	75.519097	8.213	0.0061	2.27
RB	9	82.755208	9.195023			
AB	6	30.083333	5.013889	3.233	0.0246	1.53
RAB	18	27.916667	1.550926			
COMPLETE FACTORIAL AOV For ----- Arahy Twin Width3 In Jun-25-20 57 DA-A (Data Column 22)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	591.000000				
R	3	12.541667	4.180556	0.956	0.4345	
A	2	12.468750	6.234375	0.998	0.4226	1.72
RA	6	37.489583	6.248264			
B	3	333.375000	111.125000	12.593	0.0014	2.22
RB	9	79.416667	8.824074			
AB	6	37.031250	6.171875	1.412	0.2638	2.56
RAB	18	78.677083	4.370949			
COMPLETE FACTORIAL AOV For ----- Arahy Twin Width4 In Jun-25-20 57 DA-A (Data Column 23)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	607.979167				
R	3	14.604167	4.868056	0.738	0.5431	
A	2	18.885417	9.442708	1.281	0.3442	1.87
RA	6	44.239583	7.373264			
B	3	263.687500	87.895833	6.760	0.0111	2.70
RB	9	117.020833	13.002315			
AB	6	30.781250	5.130208	0.778	0.5980	3.15
RAB	18	118.760417	6.597801			
COMPLETE FACTORIAL AOV For ----- Arahy Twin Width5 In Jun-25-20 57 DA-A (Data Column 24)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	47	528.328125				
R	3	46.223958	15.407986	9.671	0.0005	
A	2	33.843750	16.921875	4.174	0.0731	1.38
RA	6	24.322917	4.053819			
B	3	281.265625	93.755208	9.340	0.0040	2.37
RB	9	90.338542	10.037616			
AB	6	23.656250	3.942708	2.475	0.0635	1.55
RAB	18	28.677083	1.593171			

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1							
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE					
Location: PONDER FARM		Investigator: Eric P. Prostko					
COMPLETE FACTORIAL AOV For ---- ARAHY Twin AVG-Wdth In Jun-25-20 57 DA-A T3 1 (Data Column 25)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	417.399167					
R	3	30.395833	10.131944	9.643	0.0005		
A	2	12.005417	6.002708	1.070	0.4006		1.6
RA	6	33.672917	5.612153				
B	3	244.227500	81.409167	10.735	0.0025		2.1
RB	9	68.249167	7.583241				
AB	6	9.936250	1.656042	1.576	0.2111		1.3
RAB	18	18.912083	1.050671				
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD DIRTY LBS/PLOT Sep-24-20 148 DA-A 1 (Data Column 26)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	292.716667					
R	3	90.545000	30.181667	7.979	0.0014		
A	2	15.270417	7.635208	2.214	0.1905		1.3
RA	6	20.691250	3.448542				
B	3	35.985000	11.995000	2.781	0.1023		1.6
RB	9	38.813333	4.312593				
AB	6	23.321250	3.886875	1.028	0.4394		2.4
RAB	18	68.090417	3.782801				
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD CLEAN LBS/PLOT Sep-24-20 148 DA-A T4 1 (Data Column 27)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	281.125087					
R	3	86.959418	28.986473	7.979	0.0014		
A	2	14.665708	7.332854	2.214	0.1905		1.3
RA	6	19.871877	3.311979				
B	3	34.559994	11.519998	2.781	0.1023		1.5
RB	9	37.276325	4.141814				
AB	6	22.397729	3.732955	1.028	0.4394		2.3
RAB	18	65.394036	3.633002				
COMPLETE FACTORIAL AOV For ----- ARAHY PLOT YIELD LBS/A Sep-24-20 148 DA-A TY5 0 (Data Column 28)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	18232117.133099					
R	3	5639675.610601	1879891.870200	7.979	0.0014		
A	2	951131.442252	475565.721126	2.214	0.1905		318
RA	6	1288772.853033	214795.475505				
B	3	2241357.632641	747119.210880	2.781	0.1023		388
RB	9	2417522.882171	268613.653575				
AB	6	1452584.735035	242097.455839	1.028	0.4394		595
RAB	18	4241071.977367	235615.109854				
COMPLETE FACTORIAL AOV For ----- ARAHY YIELD LOSS PERCENT Sep-24-20 148 DA-A (Data Column 29)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)	
Total	47	3376.479167					
R	3	163.530833	54.510278	1.196	0.3395		
A	2	129.446667	64.723333	0.568	0.5946		7.34
RA	6	684.136667	114.022778				
B	3	880.027500	293.342500	6.559	0.0121		5.00
RB	9	402.487500	44.720833				
AB	6	296.500000	49.416667	1.084	0.4083		8.28
RAB	18	820.350000	45.575000				
Part Rated							
Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)							
PRM Data Type							
T1 = ([C2]/[C1])*100							
T2 = ([C12]+[C13]+[C14]+[C15]+[C16])/5							
T3 = ([C20]+[C21]+[C22]+[C23]+[C24])/5							
T4 = [C26]*0.98							
TY5 = 254.6647*[C27]							

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 VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1						
Trial ID: PE-06-20		Study Dir.: KYLE BRISCOE				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code	----	Arahy	-----	-----	----	
Crop Code		Plant -	Plant -	PLANTS -	Plant -	Plant -
Part Rated		stand	Bleached	BLEACHED	Stunting	Stunting
Rating Data Type		#/5 ft	#/5 ft	PERCENT	Percent	Percent
Rating Unit		May-12-20	May-12-20	May-12-20	May-12-20	May-21-20
Rating Date		13 DA-A	13 DA-A	13 DA-A	13 DA-A	22 DA-A
Trt-Eval Interval				T1		
PRM Data Type				- 1		
# Subsamples, Dec.						
Trt Treatment	Form Form	Rate Grow Appl				
No. Name	Conc Type	Rate Unit Stg Code Plot	1	2	3	4
1 GA-06G		101	22.0	0.0	0.0	0.0
NO BRAKE		204	14.0	0.0	0.0	0.0
		302	19.0	0.0	0.0	0.0
		403	19.0	0.0	0.0	0.0
		Mean =	18.5	0.0	0.0	0.0
2 GA-06G		102	22.0	3.0	13.6	0.0
BRAKE	1.2 SL 16.0 oz/a PRE A	203	23.0	6.0	26.1	0.0
		304	24.0	4.0	16.7	0.0
		401	22.0	4.0	18.2	0.0
		Mean =	22.8	4.3	18.6	0.0
3 GA-06G		103	25.0	17.0	68.0	5.0
BRAKE	1.2 SL 32.0 oz/a PRE A	202	24.0	13.0	54.2	5.0
		301	17.0	8.0	47.1	5.0
		404	19.0	7.0	36.8	5.0
		Mean =	21.3	11.3	51.5	5.0
4 GA-06G		104	22.0	15.0	68.2	10.0
BRAKE	1.2 SL 64.0 oz/a PRE A	201	22.0	17.0	77.3	10.0
		303	24.0	20.0	83.3	10.0
		402	23.0	18.0	78.3	10.0
		Mean =	22.8	17.5	76.8	10.0
5 GA-18RU		105	19.0	0.0	0.0	0.0
NO BRAKE		208	18.0	0.0	0.0	0.0
		307	24.0	0.0	0.0	0.0
		406	23.0	0.0	0.0	0.0
		Mean =	21.0	0.0	0.0	0.0
6 GA-18RU		106	15.0	0.0	0.0	0.0
BRAKE	1.2 SL 16.0 oz/a PRE A	207	17.0	3.0	17.6	5.0
		308	21.0	5.0	23.8	0.0
		405	20.0	0.0	0.0	10.0
		Mean =	18.3	2.0	10.4	3.8
7 GA-18RU		107	16.0	6.0	37.5	5.0
BRAKE	1.2 SL 32.0 oz/a PRE A	206	13.0	6.0	46.2	10.0
		305	15.0	9.0	60.0	5.0
		408	24.0	10.0	41.7	0.0
		Mean =	17.0	7.8	46.3	5.0
8 GA-18RU		108	16.0	12.0	75.0	10.0
BRAKE	1.2 SL 64.0 oz/a PRE A	205	22.0	18.0	81.8	15.0
		306	15.0	12.0	80.0	10.0
		407	21.0	18.0	85.7	10.0
		Mean =	18.5	15.0	80.6	11.3
9 GA-16HO		109	26.0	0.0	0.0	0.0
NO BRAKE		212	24.0	0.0	0.0	0.0
		310	24.0	0.0	0.0	0.0
		411	26.0	0.0	0.0	0.0
		Mean =	25.0	0.0	0.0	0.0
10 GA-16HO		110	25.0	3.0	12.0	0.0
BRAKE	1.2 SL 16.0 oz/a PRE A	211	23.0	9.0	39.1	5.0
		309	26.0	4.0	15.4	0.0
		412	19.0	6.0	31.6	0.0
		Mean =	23.3	5.5	24.5	1.3

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE												
WEED-FREE - YEAR 2 - TEST 1												
Trial ID: PE-06-20			Study Dir.: KYLE BRISCOE									
Location: PONDER FARM			Investigator: Eric P. Prostko									
Weed Code					----		-----		-----		----	
Crop Code			Arahy		Arahy		ARAHY		Arahy		Arahy	
Part Rated			Plant -		Plant -		PLANTS -		Plant -		Plant -	
Rating Data Type			stand		Bleached		BLEACHED		Stunting		Stunting	
Rating Unit			#/5 ft		#/5 ft		PERCENT		Percent		Percent	
Rating Date			May-12-20		May-12-20		May-12-20		May-12-20		May-21-20	
Trt-Eval Interval			13 DA-A		13 DA-A		13 DA-A		13 DA-A		22 DA-A	
PRM Data Type							T1					
# Subsamples, Dec.							- 1					
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4
									5		6	
11	GA-16HO						111		26.0	16.0	61.5	0.0
	BRAKE	1.2	SL	32.0	oz/a	PRE	A	210	26.0	12.0	46.2	5.0
								312	23.0	15.0	65.2	5.0
								409	25.0	10.0	40.0	10.0
							Mean =		25.0	13.3	53.2	5.0
												8.8
												38.8
12	GA-16HO						112		27.0	20.0	74.1	5.0
	BRAKE	1.2	SL	64.0	oz/a	PRE	A	209	23.0	22.0	95.7	10.0
								311	24.0	21.0	87.5	10.0
								410	27.0	0.0	0.0	5.0
							Mean =		25.3	15.8	64.3	7.5
												20.0
												71.3

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1						
Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE						
Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	-----	----	----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated		Plant -	Plant -	Plant -	Plant -	
Rating Data Type	Stand	Stunting	Bleachin	Stunting	Bleachin	Hgt1
Rating Unit	#/5 ft	Percent	Percent	Percent	Percent	In
Rating Date	May-27-20	May-29-20	May-29-20	Jun-11-20	Jun-11-20	Jun-25-20
Trt-Eval Interval	28 DA-A	30 DA-A	30 DA-A	43 DA-A	43 DA-A	57 DA-A
PRM Data Type						
# Subsamples, Dec.						
Trt Treatment Form Form Rate Grow Appl						
No. Name Conc Type Rate Unit Stg Code Plot	7	8	9	10	11	12
1 GA-06G NO BRAKE	101 204 302 403 Mean =	23.0 18.0 20.0 23.0 21.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	7.00 6.00 6.00 6.00 6.25
2 GA-06G BRAKE 1.2 SL 16.0 oz/a PRE A	102 203 304 401 Mean =	24.0 23.0 23.0 26.0 24.0	0.0 0.0 0.0 0.0 0.0	5.0 5.0 0.0 0.0 2.5	0.0 0.0 0.0 5.0 1.3	7.00 5.50 6.50 7.00 6.50
3 GA-06G BRAKE 1.2 SL 32.0 oz/a PRE A	103 202 301 404 Mean =	23.0 23.0 19.0 25.0 22.5	0.0 5.0 10.0 5.0 5.0	10.0 15.0 20.0 10.0 13.8	5.0 5.0 15.0 5.0 7.5	7.00 5.50 5.50 7.00 6.25
4 GA-06G BRAKE 1.2 SL 64.0 oz/a PRE A	104 201 303 402 Mean =	19.0 14.0 17.0 22.0 18.0	5.0 30.0 30.0 20.0 21.3	25.0 40.0 40.0 40.0 36.3	10.0 10.0 10.0 15.0 31.3	6.00 5.00 5.00 6.00 5.50
5 GA-18RU NO BRAKE	105 208 307 406 Mean =	21.0 22.0 23.0 24.0 22.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	5.00 6.50 5.50 6.00 5.75
6 GA-18RU BRAKE 1.2 SL 16.0 oz/a PRE A	106 207 308 405 Mean =	16.0 25.0 24.0 20.0 21.3	0.0 0.0 0.0 5.0 1.3	0.0 5.0 5.0 5.0 3.8	0.0 0.0 0.0 5.0 1.3	7.00 5.50 8.00 6.00 6.63
7 GA-18RU BRAKE 1.2 SL 32.0 oz/a PRE A	107 206 305 408 Mean =	17.0 16.0 16.0 24.0 18.3	0.0 0.0 10.0 5.0 3.8	5.0 15.0 15.0 5.0 10.0	5.0 5.0 15.0 5.0 7.5	6.00 5.00 6.00 6.00 5.75
8 GA-18RU BRAKE 1.2 SL 64.0 oz/a PRE A	108 205 306 407 Mean =	17.0 12.0 12.0 18.0 14.8	10.0 30.0 20.0 20.0 20.0	25.0 40.0 30.0 30.0 31.3	10.0 50.0 25.0 15.0 25.0	6.00 4.00 6.50 5.50 5.50
9 GA-16HO NO BRAKE	109 212 310 411 Mean =	25.0 26.0 26.0 25.0 25.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	6.00 7.00 6.50 7.50 6.75
10 GA-16HO BRAKE 1.2 SL 16.0 oz/a PRE A	110 211 309 412 Mean =	29.0 25.0 26.0 27.0 26.8	0.0 0.0 5.0 0.0 1.3	5.0 5.0 5.0 5.0 5.0	0.0 0.0 0.0 0.0 0.0	5.00 6.00 6.00 6.50 5.88

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	PRM Data Type	# Subsamples, Dec.			
									-----	-----	-----
									Arahy	Arahy	Arahy
									Stand	Plant -	Plant -
									#/5 ft	Stunting	Bleachin
									Percent	Percent	Percent
									May-27-20	May-29-20	May-29-20
									28 DA-A	30 DA-A	30 DA-A
	</										

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko														
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.							----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy	----- Arahy		
							Hgt2 In Jun-25-20 57 DA-A	Hgt3 In Jun-25-20 57 DA-A	Hgt4 In Jun-25-20 57 DA-A	Hgt5 In Jun-25-20 57 DA-A	AVG-Hgt In Jun-25-20 57 DA-A T2 - 1	Bleachin Percent Jun-25-20 57 DA-A		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16	17	18
1	GA-06G						101		7.00	7.00	7.00	6.00	6.8	0.0
	NO BRAKE						204		7.00	7.00	7.00	6.50	6.7	0.0
							302		6.00	7.00	7.00	7.00	6.6	0.0
							403		6.00	6.50	6.00	6.50	6.2	0.0
							Mean =		6.50	6.88	6.75	6.50	6.6	0.0
2	GA-06G						102		6.00	5.50	7.00	6.50	6.4	0.0
	BRAKE	1.2 SL	16.0 oz/a	PRE	A		203		6.00	5.50	6.50	6.50	6.0	0.0
							304		5.50	7.00	6.50	6.00	6.3	0.0
							401		6.50	6.00	7.00	7.00	6.7	0.0
							Mean =		6.00	6.00	6.75	6.50	6.4	0.0
3	GA-06G						103		5.50	6.50	7.50	6.00	6.5	5.0
	BRAKE	1.2 SL	32.0 oz/a	PRE	A		202		6.00	5.50	6.00	5.00	5.6	0.0
							301		6.00	6.50	6.00	6.00	6.0	0.0
							404		6.50	7.50	6.50	6.00	6.7	0.0
							Mean =		6.00	6.50	6.50	5.75	6.2	1.3
4	GA-06G						104		6.50	7.00	7.00	6.00	6.5	0.0
	BRAKE	1.2 SL	64.0 oz/a	PRE	A		201		5.50	3.50	4.50	3.50	4.4	0.0
							303		5.50	4.00	5.50	4.00	4.8	5.0
							402		6.50	5.00	5.50	5.00	5.6	5.0
							Mean =		6.00	4.88	5.63	4.63	5.3	2.5
5	GA-18RU						105		6.00	5.00	5.50	6.50	5.6	0.0
	NO BRAKE						208		6.50	6.50	6.00	6.50	6.4	0.0
							307		6.00	7.00	6.00	6.00	6.1	0.0
							406		7.00	5.50	4.50	5.50	5.7	5.0
							Mean =		6.38	6.00	5.50	6.13	6.0	1.3
6	GA-18RU						106		6.50	6.00	6.50	6.50	6.5	0.0
	BRAKE	1.2 SL	16.0 oz/a	PRE	A		207		6.00	7.00	5.50	5.50	5.9	0.0
							308		6.00	6.00	8.00	8.00	7.2	0.0
							405		6.00	6.00	6.50	6.00	6.1	0.0
							Mean =		6.13	6.25	6.63	6.50	6.4	0.0
7	GA-18RU						107		6.00	7.50	7.00	5.50	6.4	0.0
	BRAKE	1.2 SL	32.0 oz/a	PRE	A		206		5.00	6.00	5.50	6.00	5.5	0.0
							305		5.00	6.50	6.50	6.00	6.0	0.0
							408		5.50	6.00	6.00	5.50	5.8	0.0
							Mean =		5.38	6.50	6.25	5.75	5.9	0.0
8	GA-18RU						108		7.00	5.50	5.50	6.00	6.0	0.0
	BRAKE	1.2 SL	64.0 oz/a	PRE	A		205		5.00	3.50	3.00	4.00	3.9	0.0
							306		6.50	6.00	5.00	6.50	6.1	5.0
							407		5.00	5.00	5.50	6.00	5.4	5.0
							Mean =		5.88	5.00	4.75	5.63	5.4	2.5
9	GA-16HO						109		5.50	6.00	7.00	6.00	6.1	0.0
	NO BRAKE						212		7.00	7.00	6.50	7.00	6.9	0.0
							310		5.50	6.00	6.50	6.00	6.1	0.0
							411		7.50	7.00	7.50	7.00	7.3	0.0
							Mean =		6.38	6.50	6.88	6.50	6.6	0.0
10	GA-16HO						110		5.00	6.00	5.50	6.50	5.6	0.0
	BRAKE	1.2 SL	16.0 oz/a	PRE	A		211		6.00	7.00	5.00	5.50	5.9	0.0
							309		5.50	6.50	6.00	5.50	5.9	0.0
							412		6.50	6.50	6.50	7.00	6.6	5.0
							Mean =		5.75	6.50	5.75	6.13	6.0	1.3

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko						
Weed Code	-----	-----	-----	-----	-----	-----
Crop Code	Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated						
Rating Data Type	Hgt2	Hgt3	Hgt4	Hgt5	AVG-Hgt	Bleachin
Rating Unit	ln	ln	ln	ln	in	Percent
Rating Date	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20
Trt-Eval Interval	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A
PRM Data Type					T2	
# Subsamples, Dec.					- 1	
Trt Treatment	Form Form	Rate Grow	Appl			
No. Name	Conc Type	Rate Unit	Stg Code	Plot		
					13	14
					15	16
					17	18
11 GA-16HO				111	6.00	6.00
BRAKE	1.2 SL	32.0 oz/a	PRE A	210	6.00	5.50
				312	5.50	6.00
				409	7.00	7.00
				Mean =	6.13	6.13
12 GA-16HO				112	4.50	5.50
BRAKE	1.2 SL	64.0 oz/a	PRE A	209	4.00	3.00
				311	4.00	4.00
				410	5.00	5.50
				Mean =	4.38	4.50

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1														
Trial ID: PE-06-20				Study Dir.: KYLE BRISCOE										
Location: PONDER FARM				Investigator: Eric P. Prostko										
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.							----- Arahy Middle - Lap Percent Jun-25-20 57 DA-A	----- Arahy Twin - Width1 In Jun-25-20 57 DA-A	----- Arahy Twin - Width2 In Jun-25-20 57 DA-A	----- Arahy Twin - Width3 In Jun-25-20 57 DA-A	----- Arahy Twin - Width4 In Jun-25-20 57 DA-A	----- Arahy Twin - Width5 In Jun-25-20 57 DA-A		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	19	20	21	22	23	24
1	GA-06G NO BRAKE						101 204 302 403 Mean =		25.0 75.0 65.0 50.0 53.8	23.00 30.00 28.00 28.00 27.25	26.00 30.00 29.00 30.00 28.75	25.00 28.50 28.00 29.00 27.63	22.00 30.00 30.00 26.00 27.00	26.50 27.00 30.00 29.00 28.13
2	GA-06G BRAKE	1.2 SL	16.0 oz/a	PRE	A		102 203 304 401 Mean =		65.0 50.0 35.0 90.0 60.0	30.00 30.00 26.00 31.00 29.25	30.50 28.00 24.00 30.00 28.13	27.00 30.00 28.00 28.00 28.25	31.00 27.50 27.00 32.00 29.38	30.50 31.00 28.00 33.00 30.63
3	GA-06G BRAKE	1.2 SL	32.0 oz/a	PRE	A		103 202 301 404 Mean =		65.0 10.0 45.0 85.0 51.3	28.00 30.00 26.00 29.00 28.25	28.00 27.00 26.00 29.00 27.50	31.00 28.00 30.00 33.00 30.50	30.00 26.00 29.00 32.00 29.25	28.50 27.50 27.00 29.00 28.00
4	GA-06G BRAKE	1.2 SL	64.0 oz/a	PRE	A		104 201 303 402 Mean =		10.0 0.0 0.0 5.0 3.8	23.00 22.00 25.00 27.00 24.25	26.00 21.00 21.00 24.00 23.00	23.50 19.00 24.00 25.50 23.00	19.00 20.00 20.00 28.00 21.75	26.00 19.00 21.00 24.00 22.50
5	GA-18RU NO BRAKE						105 208 307 406 Mean =		25.0 80.0 75.0 90.0 67.5	28.00 29.50 30.00 30.50 29.50	27.00 30.00 31.00 31.00 29.75	27.00 31.00 32.00 28.00 29.50	27.50 32.00 29.00 30.00 29.63	26.50 30.00 31.00 32.00 29.88
6	GA-18RU BRAKE	1.2 SL	16.0 oz/a	PRE	A		106 207 308 405 Mean =		85.0 50.0 95.0 50.0 70.0	29.00 28.00 32.00 31.00 30.00	32.00 28.50 34.00 30.00 31.13	31.00 29.00 33.00 27.00 30.00	29.00 31.00 33.00 25.00 29.50	31.00 29.00 31.00 31.00 30.50
7	GA-18RU BRAKE	1.2 SL	32.0 oz/a	PRE	A		107 206 305 408 Mean =		95.0 35.0 45.0 85.0 65.0	30.50 25.00 27.00 31.00 28.38	30.50 26.00 29.00 25.00 27.63	30.00 30.00 28.00 29.00 29.25	31.00 25.50 29.00 30.00 28.88	32.00 28.50 28.00 31.00 29.88
8	GA-18RU BRAKE	1.2 SL	64.0 oz/a	PRE	A		108 205 306 407 Mean =		25.0 0.0 25.0 40.0 22.5	27.50 19.00 26.00 28.00 25.13	27.00 19.50 27.00 20.00 23.38	24.00 25.00 22.00 25.00 24.00	29.50 23.00 22.00 25.00 24.88	29.00 24.50 24.00 27.00 26.13
9	GA-16HO NO BRAKE						109 212 310 411 Mean =		10.0 95.0 50.0 95.0 62.5	30.00 33.00 28.50 31.00 30.63	25.00 32.00 28.00 33.00 29.50	24.00 30.00 28.00 30.00 28.00	26.00 34.00 29.50 31.00 30.13	25.00 33.00 29.00 32.00 29.75
10	GA-16HO BRAKE	1.2 SL	16.0 oz/a	PRE	A		110 211 309 412 Mean =		50.0 75.0 25.0 99.0 62.3	27.00 29.00 28.00 33.50 29.38	28.50 29.00 25.00 33.00 28.88	31.00 30.50 28.00 33.00 30.63	31.50 30.00 28.00 30.00 29.88	28.50 30.00 26.00 32.00 29.13

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko														
Weed Code							-----	-----	-----	-----	-----	-----		
Crop Code							Arahy	Arahy	Arahy	Arahy	Arahy	Arahy		
Part Rated							Middle -	Twin -	Twin -	Twin -	Twin -	Twin -		
Rating Data Type							Lap	Width1	Width2	Width3	Width4	Width5		
Rating Unit							Percent	In	In	In	In	In		
Rating Date							Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20	Jun-25-20		
Trt-Eval Interval							57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A	57 DA-A		
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	19	20	21	22	23	24
11	GA-16HO BRAKE	1.2	SL	32.0	oz/a	PRE	A	111	10.0	28.00	27.00	25.00	27.00	25.50
								210	65.0	29.00	27.00	29.00	28.00	
								312	65.0	26.00	24.00	27.00	25.00	26.00
								409	85.0	31.50	29.00	28.00	31.00	30.50
								Mean =	56.3	28.63	26.75	27.25	28.00	27.50
12	GA-16HO BRAKE	1.2	SL	64.0	oz/a	PRE	A	112	5.0	24.00	26.00	27.00	25.00	26.00
								209	0.0	21.50	26.00	18.00	23.00	22.00
								311	0.0	24.00	22.00	18.00	26.00	20.50
								410	5.0	32.00	29.00	25.00	24.00	23.00
								Mean =	2.5	25.38	25.75	22.00	24.50	22.88

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1													
Trial ID: PE-06-20			Study Dir.: KYLE BRISCOE										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code							----	-----	-----	-----	-----		
Crop Code							ARAHY	ARAHY	ARAHY	ARAHY	ARAHY		
Part Rated							Twin -	YIELD -	YIELD -	PLOT -	YIELD -		
Rating Data Type							AVG-Width	DIRTY	CLEAN	YIELD	LOSS		
Rating Unit							In	LBS/PLOT	LBS/PLOT	LBS/A	PERCENT		
Rating Date							Jun-25-20	Sep-24-20	Sep-24-20	Sep-24-20	Sep-24-20		
Trt-Eval Interval							57 DA-A	148 DA-A	148 DA-A	148 DA-A	148 DA-A		
PRM Data Type							T3	T4	T4	TY5			
# Subsamples, Dec.							- 1	- 1	- 1	- 0			
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	25	26	27	28	29
1	GA-06G						101		24.5	20.8	20.4	5191	0.00
	NO BRAKE						204		29.1	23.3	22.8	5815	0.00
							302		29.0	23.6	23.1	5890	0.00
							403		28.4	25.8	25.3	6439	0.00
							Mean =		27.8	23.4	22.9	5834	0.00
2	GA-06G						102		29.8	19.9	19.5	4966	4.30
	BRAKE	1.2 SL		16.0 oz/a	PRE	A	203		29.3	19.7	19.3	4917	15.40
							304		26.6	22.3	21.9	5565	5.50
							401		30.8	26.3	25.8	6564	0.00
							Mean =		29.1	22.1	21.6	5503	6.30
3	GA-06G						103		29.1	19.6	19.2	4892	0.00
	BRAKE	1.2 SL		32.0 oz/a	PRE	A	202		27.7	22.1	21.7	5516	5.10
							301		27.6	25.4	24.9	6339	0.00
							404		30.4	23.9	23.4	5965	7.40
							Mean =		28.7	22.8	22.3	5678	3.13
4	GA-06G						104		23.5	21.1	20.7	5266	0.00
	BRAKE	1.2 SL		64.0 oz/a	PRE	A	201		20.2	18.6	18.2	4642	22.60
							303		22.2	13.4	13.1	3344	43.20
							402		25.7	24.7	24.2	6164	4.30
							Mean =		22.9	19.5	19.1	4854	17.53
5	GA-18RU						105		27.2	20.9	20.5	5216	0.00
	NO BRAKE						208		30.5	25.4	24.9	6339	0.00
							307		30.6	22.4	22.0	5590	0.00
							406		30.3	25.3	24.8	6314	0.00
							Mean =		29.7	23.5	23.0	5865	0.00
6	GA-18RU						106		30.4	21.3	20.9	5316	0.00
	BRAKE	1.2 SL		16.0 oz/a	PRE	A	207		29.1	20.9	20.5	5216	17.70
							308		32.6	25.4	24.9	6339	0.00
							405		28.8	27.4	26.9	6838	0.00
							Mean =		30.2	23.8	23.3	5927	4.43
7	GA-18RU						107		30.8	20.4	20.0	5091	2.40
	BRAKE	1.2 SL		32.0 oz/a	PRE	A	206		27.0	23.0	22.5	5740	9.40
							305		28.2	24.2	23.7	6040	0.00
							408		29.2	24.0	23.5	5990	5.10
							Mean =		28.8	22.9	22.4	5715	4.23
8	GA-18RU						108		27.4	23.3	22.8	5815	0.00
	BRAKE	1.2 SL		64.0 oz/a	PRE	A	205		22.2	20.4	20.0	5091	19.70
							306		24.2	25.1	24.6	6264	0.00
							407		25.0	22.8	22.3	5690	9.90
							Mean =		24.7	22.9	22.4	5715	7.40
9	GA-16HO						109		26.0	23.3	22.8	5815	0.00
	NO BRAKE						212		32.4	23.5	23.0	5865	0.00
							310		28.6	25.2	24.7	6289	0.00
							411		31.4	25.1	24.6	6264	0.00
							Mean =		29.6	24.3	23.8	6058	0.00
10	GA-16HO						110		29.3	19.9	19.5	4966	14.60
	BRAKE	1.2 SL		16.0 oz/a	PRE	A	211		29.7	22.4	22.0	5590	4.70
							309		27.0	23.2	22.7	5790	7.90
							412		32.3	23.5	23.0	5865	6.40
							Mean =		29.6	22.3	21.8	5553	8.40

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE WEED-FREE - YEAR 2 - TEST 1 Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE Location: PONDER FARM Investigator: Eric P. Prostko										
Weed Code	----	----	-----	-----	-----					
Crop Code	ARAHY	ARAHY	ARAHY	ARAHY	ARAHY					
Part Rated	Twin -	YIELD -	YIELD -	PLOT -	YIELD -					
Rating Data Type	AVG-Width	DIRTY	CLEAN	YIELD	LOSS					
Rating Unit	In	LBS/PLOT	LBS/PLOT	LBS/A	PERCENT					
Rating Date	Jun-25-20	Sep-24-20	Sep-24-20	Sep-24-20	Sep-24-20					
Trt-Eval Interval	57 DA-A	148 DA-A	148 DA-A	148 DA-A	148 DA-A					
PRM Data Type	T3		T4	TY5						
# Subsamples, Dec.	- 1	- 1	- 1	- 0						
Trt Treatment	Form Form	Rate Grow Appl								
No. Name	Conc Type	Rate Unit	Stg	Code	Plot	25	26	27	28	29
11 GA-16HO					111	26.5	18.9	18.5	4717	18.90
BRAKE	1.2 SL	32.0 oz/a	PRE	A	210	28.4	22.2	21.8	5540	5.50
					312	25.6	22.0	21.6	5491	12.70
					409	30.0	22.4	22.0	5590	10.80
					Mean =	27.6	21.4	20.9	5335	11.98
12 GA-16HO					112	25.6	19.5	19.1	4867	16.30
BRAKE	1.2 SL	64.0 oz/a	PRE	A	209	22.1	21.5	21.1	5366	8.50
					311	22.1	22.4	22.0	5590	11.10
					410	26.6	22.7	22.2	5665	9.60
					Mean =	24.1	21.5	21.1	5372	11.38

University of Georgia

PEANUT VARIETY RESPONSE TO BRAKE

WEED-FREE - YEAR 2 - TEST 1

Trial ID: PE-06-20 Study Dir.: KYLE BRISCOE

Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

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

PRM Data Type $T1 = ([C2]/[C1]) * 100$ $T2 = ([C12] + [C13] + [C14] + [C15] + [C16]) / 5$ $T3 = ([C20] + [C21] + [C22] + [C23] + [C24]) / 5$ $T4 = [C26] * 0.98$ $TY5 = 254.6647 * [C27]$