

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES

WEED-FREE

Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS

Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4

Plots: 6 by 25 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC									-	101	211	305	406
2	DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A	15 GPA	11.72 mL/mx	1488.3 mL	102	204	313	411
	DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP B		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP C		15 GAL/AC	11.72 mL/mx	1488.3 mL				
3	WARRANT	3	ME	43.0	oz/a	PRE	A	15 GPA	33.59 mL/mx	1466.4 mL	103	201	308	415
	WARRANT	3	ME	43.0	oz/a	15 DAP B		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	29 DAP C		15 GAL/AC	33.59 mL/mx	1466.4 mL				
4	OUTLOOK	6	EC	10.5	oz/a	PRE	A	15 GPA	8.202 mL/mx	1491.8 mL	104	210	306	404
	OUTLOOK	6	EC	10.5	oz/a	15 DAP B		15 GAL/AC	8.202 mL/mx	1491.8 mL				
5	DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A	15 GPA	11.72 mL/mx	1488.3 mL	105	216	314	408
	DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP B		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP C		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	WARRANT	3	ME	43.0	oz/a	42 DAP D		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	56 DAP E		15 GAL/AC	33.59 mL/mx	1466.4 mL				
6	WARRANT	3	ME	43.0	oz/a	PRE	A	15 GPA	33.59 mL/mx	1466.4 mL	106	217	304	409
	WARRANT	3	ME	43.0	oz/a	15 DAP B		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	29 DAP C		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	42 DAP D		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	56 DAP E		15 GAL/AC	11.72 mL/mx	1488.3 mL				
7	OUTLOOK	6	EC	10.5	oz/a	PRE	A	15 GPA	8.202 mL/mx	1491.8 mL	107	203	309	418
	OUTLOOK	6	EC	10.5	oz/a	15 DAP B		15 GAL/AC	8.202 mL/mx	1491.8 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP C		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	42 DAP D		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	56 DAP E		15 GAL/AC	11.72 mL/mx	1488.3 mL				
8	OUTLOOK	6	EC	10.5	oz/a	PRE	A	15 GPA	8.202 mL/mx	1491.8 mL	108	218	315	417
	OUTLOOK	6	EC	10.5	oz/a	15 DAP B		15 GAL/AC	8.202 mL/mx	1491.8 mL				
	WARRANT	3	ME	43.0	oz/a	29 DAP C		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	42 DAP D		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	56 DAP E		15 GAL/AC	33.59 mL/mx	1466.4 mL				
9	DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A	15 GPA	11.72 mL/mx	1488.3 mL	109	205	307	403
	DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP B		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP C		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	OUTLOOK	6	EC	10.5	oz/a	42 DAP D		15 GAL/AC	8.202 mL/mx	1491.8 mL				
	OUTLOOK	6	EC	10.5	oz/a	56 DAP E		15 GAL/AC	8.202 mL/mx	1491.8 mL				
10	WARRANT	3	ME	43.0	oz/a	PRE	A	15 GPA	33.59 mL/mx	1466.4 mL	110	206	303	407
	WARRANT	3	ME	43.0	oz/a	15 DAP B		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	29 DAP C		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	OUTLOOK	6	EC	10.5	oz/a	42 DAP D		15 GAL/AC	8.202 mL/mx	1491.8 mL				
	OUTLOOK	6	EC	10.5	oz/a	56 DAP E		15 GAL/AC	8.202 mL/mx	1491.8 mL				
11	DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A	15 GPA	11.72 mL/mx	1488.3 mL	111	212	301	402
	DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP B		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP C		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	ZIDUA	4.17	SC	2.5	oz/a	42 DAP D		15 GAL/AC	1.953 mL/mx	1498.0 mL				
	ZIDUA	4.17	SC	2.5	oz/a	56 DAP E		15 GAL/AC	1.953 mL/mx	1498.0 mL				
12	DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A	15 GPA	11.72 mL/mx	1488.3 mL	112	208	302	414
	DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP B		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP C		15 GAL/AC	11.72 mL/mx	1488.3 mL				
	ANTHEM FLEX	4	SC	3.0	oz/a	42 DAP D		15 GAL/AC	2.343 mL/mx	1497.7 mL				
	ANTHEM FLEX	4	SC	3.0	oz/a	56 DAP E		15 GAL/AC	2.343 mL/mx	1497.7 mL				
13	WARRANT	3	ME	43.0	oz/a	PRE	A	15 GPA	33.59 mL/mx	1466.4 mL	113	209	311	410
	WARRANT	3	ME	43.0	oz/a	15 DAP B		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3	ME	43.0	oz/a	29 DAP C		15 GAL/AC	33.59 mL/mx	1466.4 mL				
	ZIDUA	4.17	SC	2.5	oz/a	42 DAP D		15 GAL/AC	1.953 mL/mx	1498.0 mL				
	ZIDUA	4.17	SC	2.5	oz/a	56 DAP E		15 GAL/AC	1.953 mL/mx	1498.0 mL				

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES

WEED-FREE

Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS

Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4

Plots: 6 by 25 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
14	WARRANT	3 ME		43.0 oz/a		PRE	A	15 GPA	33.59 mL/mx	1466.4 mL	114	207	317	413
	WARRANT	3 ME		43.0 oz/a		15 DAP	B	15 GAL/AC	33.59 mL/mx	1466.4 mL				
	WARRANT	3 ME		43.0 oz/a		29 DAP	C	15 GAL/AC	33.59 mL/mx	1466.4 mL				
	ANTHEM FLEX	4 SC		3.0 oz/a		42 DAP	D	15 GAL/AC	2.343 mL/mx	1497.7 mL				
	ANTHEM FLEX	4 SC		3.0 oz/a		56 DAP	E	15 GAL/AC	2.343 mL/mx	1497.7 mL				
15	OUTLOOK	6 EC		10.5 oz/a		PRE	A	15 GPA	8.202 mL/mx	1491.8 mL	115	202	312	416
	OUTLOOK	6 EC		10.5 oz/a		15 DAP	B	15 GAL/AC	8.202 mL/mx	1491.8 mL				
	ZIDUA	4.17 SC		2.5 oz/a		29 DAP	C	15 GAL/AC	1.953 mL/mx	1498.0 mL				
	ZIDUA	4.17 SC		2.5 oz/a		42 DAP	D	15 GAL/AC	1.953 mL/mx	1498.0 mL				
	ZIDUA	4.17 SC		2.5 oz/a		56 DAP	E	15 GAL/AC	1.953 mL/mx	1498.0 mL				
16	OUTLOOK	6 EC		10.5 oz/a		PRE	A	15 GPA	8.202 mL/mx	1491.8 mL	116	213	318	412
	OUTLOOK	6 EC		10.5 oz/a		15 DAP	B	15 GAL/AC	8.202 mL/mx	1491.8 mL				
	ANTHEM FLEX	4 SC		3.0 oz/a		29 DAP	C	15 GAL/AC	2.343 mL/mx	1497.7 mL				
	ANTHEM FLEX	4 SC		3.0 oz/a		42 DAP	D	15 GAL/AC	2.343 mL/mx	1497.7 mL				
	ANTHEM FLEX	4 SC		3.0 oz/a		56 DAP	E	15 GAL/AC	2.343 mL/mx	1497.7 mL				
17	ZIDUA	4.17 SC		2.5 oz/a		15 DAP	B	15 GAL/AC	1.953 mL/mx	1498.0 mL	117	215	310	401
	ZIDUA	4.17 SC		2.5 oz/a		29 DAP	C	15 GAL/AC	1.953 mL/mx	1498.0 mL				
	ZIDUA	4.17 SC		2.5 oz/a		42 DAP	D	15 GAL/AC	1.953 mL/mx	1498.0 mL				
18	ANTHEM FLEX	4 SC		3.0 oz/a		15 DAP	B	15 GAL/AC	2.343 mL/mx	1497.7 mL	118	214	316	405
	ANTHEM FLEX	4 SC		3.0 oz/a		29 DAP	C	15 GAL/AC	2.343 mL/mx	1497.7 mL				
	ANTHEM FLEX	4 SC		3.0 oz/a		42 DAP	D	15 GAL/AC	2.343 mL/mx	1497.7 mL				

Sort Order: Treatment

Trial Comments

MAINTAINED WEED-FREE

BROADCAST PROWL H2O (32 OZ/A) + VALOR (3 OZ/A) + STRONGARM (0.45 OZ/A) PREPLANT OVER ALL PLOTS TO HELP MAINTAIN WEED-FREE (04/28/2020)

HAND-WEEDED AS NEEDED

SELECT MAX @ 12 OZ/A + NIS - JUNE 1/JUNE 26/JULY 13

DIGGING DATE: SEPTEMBER 22

HARVEST DATE: OCTOBER 2

HARVEST MOISTURE: 11.4%

YIELDS ADJUSTED TO 10%.

2% YIELD DEDUCTION FOR FM.

SUMMARY:

1) ON MAY 28 (24 DAP), ALL GROUP 15 HERBICIDES APPLIED PRE + 15 DAP CAUSED SIGNIFICANT VISUAL PEANUT STUNTING (7.5-12.5%).

2) ON JUNE 23 (50 DAP), PEANUT PLANT HEIGHTS WERE REDUCED BY THE FOLLOWING TREATMENTS:

OUTLOOK @ 10.5 OZ/A APPLIED PRE + 15 DAP

ZIDUA @ 2.5 OZ/A APPLIED PRE + 29 DAP + 42 DAP

3) ON JUNE 23 (50 DAP), PEANUT CANOPY WIDTHS WERE NOT REDUCED BY ANY GROUP 15 HERBICIDE TREATMENT (P=0.7077)

4) ON JULY 22 (79 DAP), PEANUT PLANT HEIGHTS WERE NOT REDUCED BY ANY GROUP 15 HERBICIDE TREATMENT (P=0.4993).

5) PEANUT YIELDS WERE NOT SIGNIFICANTLY REDUCED BY ANY TREATMENT (P=0.6901). AVERAGE YIELD FOR THIS TEST WAS 5362 LBS/A.

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES

WEED-FREE

Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS

Location: PONDER FARM Investigator: Eric P. Prostko

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES

WEED-FREE

Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS

Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: TOMMY BUTTS

Title: _____

Affiliation: _____

Postal Code: _____

Investigator: Eric P. Prostko

Title: _____

Postal Code: _____

Affiliation: _____

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: GA-06G

Planting Date: May-4-20

Planting Method: MONOSEM TWIN ROW Rate: 3.1 SEED/FT Depth: 2 IN

Perennial Age: _____ Row Spacing: _____ Seed Bed: _____

Soil Temperature: _____ Soil Moisture: DRY Emergence Date: _____

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

Site Type: _____

Tillage Type: CONVENTIONAL Study Design: RACOB

Trial Initiation Comments: 1 TON/A LIME PREPLANT; 300 LB/A 5-15-30; RANCONA

SEED TRT; THIMET INFR; 36"-9" TWIN ROWS; 1000 LBS/A GYPSUM

Previous: Crops

Pesticides

Year

1. COTTON _____ 2019

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND

% OM: 0.61 % Sand: 94 % Silt: 2 % Clay: 4

pH: 6.0 CEC: 2.2 Soil Name: TIFTON

Fertility Level: GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-5-20	_____	0.5	_____	IN SPRINKLER - LATERAL MOVE	_____	_____
2. May-7-20	_____	0.5	_____	IN SPRINKLER - LATERAL MOVE	_____	_____
3. May-13-20	_____	0.5	_____	IN SPRINKLER - LATERAL MOVE	_____	_____
4. May-14-20	_____	0.5	_____	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. Jul-5-20	_____	0.5	_____	IN RAINFALL	_____	_____
19. Jul-6-20	_____	0.6	_____	IN RAINFALL	_____	_____
20.	_____	_____	_____	_____	_____	_____

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES

WEED-FREE

Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS
Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-5-20	May-19-20	Jun-2-20	Jun-15-20	Jun-29-20	
Time of Day:	8:00 AM	7:30 AM	7:30 AM	6:45 AM	7:30 AM	
Application Method:	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
Application Timing:	PRE	15 DAP	29 DAP	42 DAP	56 DAP	
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	FOLIAGE	FOLIAGE	
Air Temp., Unit:	69 F	70 F	68 F	66 F	76 F	
% Relative Humidity:	90	92	85	88	95	
Wind Velocity, Unit:	6 MPH	5 MPH	2 MPH	1 MPH	2 MPH	
Dew Presence (Y/N):	N	Y	Y	Y	Y	
Water Hardness:	--	--	--	--	--	
Soil Temp., Unit:	72 F	75 F	77 F	74 F	81 F	
Soil Moisture:	OPTIMUM	OPTIMUM	OPTIMUM	WET	OPTIMUM	
% Cloud Cover:	0	100	60	0	100	

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage: ARAHY		2" TALL	3" TALL	4" TALL	6" TALL	
Stage Scale:		3"W;V4	5"W;V6	8"W;R1-R2	24"W;R3-4	
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	SAME	SAME	SAME	SAME	
Operating Pressure:	42					
Nozzle Type:	TTI					
Nozzle Size:	02					
Nozzle Spacing, Unit:	20	IN				
Nozzles/Row:						
Band Width, Unit:						
Boom Length, Unit:	60	IN				
Boom Height, Unit:	20	IN				
Ground Speed, Unit:	3.5	MPH				
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	WATER					
Spray Volume, Unit:	15	GPA				
Spray pH:						
Propellant:	CO2					
Tank Mix (Y/N):						

Trt No Treatment Application Comment

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE													
Trial ID: PE-18-20			Study Dir.: TOMMY BUTTS										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code						---	-----	----	----	----	----		
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy	Arahy		
Part Rated							Plant -	Plant -	Plant -	Plant -	Plant -		
Rating Data Type						Stunting	Stunting	Height1	Height2	Height3	Height4		
Rating Unit						Percent	Percent	In	In	In	In		
Rating Date						May-18-20	May-28-20	Jun-23-20	Jun-23-20	Jun-23-20	Jun-23-20		
Trt-Eval Interval						13 DA-A	23 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A		
PRM Data Type													
# Subsamples, Dec.													
Trt	Treatment	Form	Form	Rate	Grow	Appl							
No.	Name	Conc	Type	Rate	Unit	Stg	Code						
								1	2	3	4	5	6
1	NTC							0.0 a	0.0 c	5.13 a	5.00 a	5.00 a	5.13 a-e
2	DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A			5.0 a	11.3 ab	5.00 a	5.25 a	5.00 a	5.13 a-e
	DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C								
3	WARRANT	3 ME	43.0 oz/a	PRE	A			2.5 a	11.3 ab	5.00 a	4.88 a	4.75 a	5.00 a-e
	WARRANT	3 ME	43.0 oz/a	15 DAP	B								
	WARRANT	3 ME	43.0 oz/a	29 DAP	C								
4	OUTLOOK	6 EC	10.5 oz/a	PRE	A			2.5 a	12.5 a	4.13 a	4.50 a	4.25 a	4.75 c-f
	OUTLOOK	6 EC	10.5 oz/a	15 DAP	B								
5	DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A			2.5 a	10.0 ab	4.25 a	4.50 a	5.13 a	5.50 ab
	DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C								
	WARRANT	3 ME	43.0 oz/a	42 DAP	D								
	WARRANT	3 ME	43.0 oz/a	56 DAP	E								
6	WARRANT	3 ME	43.0 oz/a	PRE	A			0.0 a	10.0 ab	5.25 a	4.88 a	5.00 a	5.38 abc
	WARRANT	3 ME	43.0 oz/a	15 DAP	B								
	WARRANT	3 ME	43.0 oz/a	29 DAP	C								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	42 DAP	D								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	56 DAP	E								
7	OUTLOOK	6 EC	10.5 oz/a	PRE	A			0.0 a	11.3 ab	4.63 a	4.88 a	4.88 a	4.63 def
	OUTLOOK	6 EC	10.5 oz/a	15 DAP	B								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	42 DAP	D								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	56 DAP	E								
8	OUTLOOK	6 EC	10.5 oz/a	PRE	A			1.3 a	8.8 ab	4.00 a	4.75 a	5.63 a	5.00 a-e
	OUTLOOK	6 EC	10.5 oz/a	15 DAP	B								
	WARRANT	3 ME	43.0 oz/a	29 DAP	C								
	WARRANT	3 ME	43.0 oz/a	42 DAP	D								
	WARRANT	3 ME	43.0 oz/a	56 DAP	E								
9	DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A			0.0 a	7.5 b	4.75 a	4.88 a	5.25 a	5.25 a-d
	DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C								
	OUTLOOK	6 EC	10.5 oz/a	42 DAP	D								
	OUTLOOK	6 EC	10.5 oz/a	56 DAP	E								
10	WARRANT	3 ME	43.0 oz/a	PRE	A			2.5 a	8.8 ab	5.00 a	5.00 a	5.38 a	5.63 a
	WARRANT	3 ME	43.0 oz/a	15 DAP	B								
	WARRANT	3 ME	43.0 oz/a	29 DAP	C								
	OUTLOOK	6 EC	10.5 oz/a	42 DAP	D								
	OUTLOOK	6 EC	10.5 oz/a	56 DAP	E								
11	DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A			0.0 a	7.5 b	4.88 a	5.00 a	4.63 a	4.63 def
	DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B								
	DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C								
	ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D								
	ZIDUA	4.17 SC	2.5 oz/a	56 DAP	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.

Missing data estimates are included in columns: Average=22,23,24

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Missing data estimates are included in columns: Average=22.23.24

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE										
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code						-----	-----			
Crop Code						Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated						Plant -	Plant -	Twin -	Twin -	Twin -
Rating Data Type						Height5	hgt-avg	Width1	Width2	Width3
Rating Unit						In	In	In	In	In
Rating Date						Jun-23-20	Jun-23-20	Jun-23-20	Jun-23-20	Jun-23-20
Trt-Eval Interval						49 DA-A	49 DA-A	49 DA-A	49 DA-A	49 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 NTC							7	8	9	10
2 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A		4.75 cde	5.0 a-d	22.50 a	21.75 b-e
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B			4.50 de	5.0 a-d	22.75 a	22.00 a-e
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C						23.13 abc
3 WARRANT	3	ME	43.0 oz/a	PRE	A		5.13 bcd	5.0 a-d	18.75 a	20.75 e
WARRANT	3	ME	43.0 oz/a	15 DAP B						20.25 ef
WARRANT	3	ME	43.0 oz/a	29 DAP C						21.13 a
4 OUTLOOK	6	EC	10.5 oz/a	PRE	A		4.50 de	4.4 e	20.50 a	19.88 e
OUTLOOK	6	EC	10.5 oz/a	15 DAP B						19.75 f
5 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A		4.88 b-e	4.9 a-e	21.88 a	23.88 ab
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B						21.25 c-f
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C						21.00 a
WARRANT	3	ME	43.0 oz/a	42 DAP D						
WARRANT	3	ME	43.0 oz/a	56 DAP E						
6 WARRANT	3	ME	43.0 oz/a	PRE	A		4.88 b-e	5.1 a-d	21.25 a	20.38 e
WARRANT	3	ME	43.0 oz/a	15 DAP B						21.63 b-f
WARRANT	3	ME	43.0 oz/a	29 DAP C						22.13 a
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP D						
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP E						
7 OUTLOOK	6	EC	10.5 oz/a	PRE	A		4.88 b-e	4.8 b-e	21.38 a	20.50 e
OUTLOOK	6	EC	10.5 oz/a	15 DAP B						23.63 ab
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C						21.50 a
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP D						
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP E						
8 OUTLOOK	6	EC	10.5 oz/a	PRE	A		4.50 de	4.8 b-e	19.88 a	21.75 b-e
OUTLOOK	6	EC	10.5 oz/a	15 DAP B						22.25 a-e
WARRANT	3	ME	43.0 oz/a	29 DAP C						22.13 a
WARRANT	3	ME	43.0 oz/a	42 DAP D						
WARRANT	3	ME	43.0 oz/a	56 DAP E						
9 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A		4.75 cde	5.0 a-d	20.50 a	21.00 de
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B						22.25 a-e
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C						21.75 a
OUTLOOK	6	EC	10.5 oz/a	42 DAP D						
OUTLOOK	6	EC	10.5 oz/a	56 DAP E						
10 WARRANT	3	ME	43.0 oz/a	PRE	A		5.50 ab	5.3 a	22.25 a	23.00 a-d
WARRANT	3	ME	43.0 oz/a	15 DAP B						23.50 ab
WARRANT	3	ME	43.0 oz/a	29 DAP C						22.00 a
OUTLOOK	6	EC	10.5 oz/a	42 DAP D						
OUTLOOK	6	EC	10.5 oz/a	56 DAP E						
11 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A		4.75 cde	4.8 b-e	21.75 a	23.50 abc
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B						24.25 a
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C						21.50 a
ZIDUA	4.17	SC	2.5 oz/a	42 DAP D						
ZIDUA	4.17	SC	2.5 oz/a	56 DAP 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.

Missing data estimates are included in columns: Average=22,23,24

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE									
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS							
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.									
Trt Treatment	Form	Form	Rate	Grow	Appl				
No. Name	Conc	Type	Rate	Unit	Stg	Code			
							7	8	9
12 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A			5.13 bcd	5.2 ab	23.00 a
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B					23.38 abc
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C					21.50 b-f
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D					21.63 a
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP	E					
13 WARRANT	3 ME	43.0 oz/a	PRE	A			4.63 de	4.6 de	22.38 a
WARRANT	3 ME	43.0 oz/a	15 DAP	B					21.88 a-e
WARRANT	3 ME	43.0 oz/a	29 DAP	C					22.75 a-d
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D					21.63 a
ZIDUA	4.17 SC	2.5 oz/a	56 DAP	E					
14 WARRANT	3 ME	43.0 oz/a	PRE	A			5.38 abc	5.3 a	23.25 a
WARRANT	3 ME	43.0 oz/a	15 DAP	B					24.00 a
WARRANT	3 ME	43.0 oz/a	29 DAP	C					22.00 b-e
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D					22.38 a
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP	E					
15 OUTLOOK	6 EC	10.5 oz/a	PRE	A			5.88 a	5.1 abc	21.75 a
OUTLOOK	6 EC	10.5 oz/a	15 DAP	B					22.00 a-e
ZIDUA	4.17 SC	2.5 oz/a	29 DAP	C					20.63 def
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D					22.50 a
ZIDUA	4.17 SC	2.5 oz/a	56 DAP	E					
16 OUTLOOK	6 EC	10.5 oz/a	PRE	A			4.75 cde	4.7 b-e	22.13 a
OUTLOOK	6 EC	10.5 oz/a	15 DAP	B					21.63 cde
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP	C					22.13 a-e
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D					21.50 a
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP	E					
17 ZIDUA	4.17 SC	2.5 oz/a	15 DAP	B			4.38 e	4.4 e	20.50 a
ZIDUA	4.17 SC	2.5 oz/a	29 DAP	C					23.38 abc
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D					22.25 a-e
									21.25 a
18 ANTHEM FLEX	4 SC	3.0 oz/a	15 DAP	B			4.63 de	4.7 cde	21.25 a
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP	C					21.63 cde
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D					20.75 def
									19.75 a
LSD P=.10							0.705	0.47	2.597
Standard Deviation							0.595	0.39	2.192
CV							12.21	8.08	10.18
Grand Mean							4.875	4.88	21.535
Bartlett's X2							17.604	21.949	13.962
P(Bartlett's X2)							0.414	0.187	0.67
									2.183
									1.842
									8.37
									22.014
									23.387
									0.137
									0.506
									2.485
									2.098
									9.68
									21.674
									13.152
									0.726

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

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

Missing data estimates are included in columns: Average=22,23,24

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE													
Trial ID: PE-18-20			Study Dir.: TOMMY BUTTS										
Location: PONDER FARM			Investigator: Eric P. Prostko										
Weed Code						Arahy Twin - Width5 In	Arahy Twin - wid-avg In	----- Arahy Plant - Stunting Percent	----- Arahy plant - hgt1 in	----- Arahy plant - hgt2 in	----- Arahy plant - hgt3 in	----- Arahy plant - hgt4 in	
Crop Code						Jun-23-20	Jun-23-20	Jul-22-20	Jul-22-20	Jul-22-20	Jul-22-20	Jul-22-20	
Part Rated						49 DA-A	49 DA-A	78 DA-A	78 DA-A	78 DA-A	78 DA-A	78 DA-A	
Rating Data Type													
Rating Unit													
Rating Date													
Trt-Eval Interval													
PRM Data Type							T2						
# Subsamples, Dec.							- 1						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit Stg	Appl Code	13	14	15	16	17	18	19
1	NTC						23.38 a	22.6 a	0.0 a	11.38 a	11.63 a	11.50 a	11.88 a
2	DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE A		22.63 a	22.5 a	3.8 a	11.38 a	10.50 a	11.75 a	11.25 a
	DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP B								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP C								
3	WARRANT	3 ME		43.0 oz/a	PRE A		22.00 a	20.6 a	0.0 a	11.00 a	11.13 a	11.75 a	10.75 a
	WARRANT	3 ME		43.0 oz/a	15 DAP B								
	WARRANT	3 ME		43.0 oz/a	29 DAP C								
4	OUTLOOK	6 EC		10.5 oz/a	PRE A		22.88 a	21.1 a	1.3 a	9.75 a	9.88 a	10.75 a	10.00 a
	OUTLOOK	6 EC		10.5 oz/a	15 DAP B								
5	DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE A		22.25 a	22.1 a	2.5 a	10.13 a	10.75 a	11.25 a	11.38 a
	DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP B								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP C								
	WARRANT	3 ME		43.0 oz/a	42 DAP D								
	WARRANT	3 ME		43.0 oz/a	56 DAP E								
6	WARRANT	3 ME		43.0 oz/a	PRE A		22.75 a	21.6 a	0.0 a	11.00 a	11.13 a	10.88 a	11.13 a
	WARRANT	3 ME		43.0 oz/a	15 DAP B								
	WARRANT	3 ME		43.0 oz/a	29 DAP C								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	42 DAP D								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	56 DAP E								
7	OUTLOOK	6 EC		10.5 oz/a	PRE A		21.38 a	21.7 a	0.0 a	11.38 a	10.63 a	11.38 a	10.00 a
	OUTLOOK	6 EC		10.5 oz/a	15 DAP B								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP C								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	42 DAP D								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	56 DAP E								
8	OUTLOOK	6 EC		10.5 oz/a	PRE A		20.75 a	21.4 a	1.3 a	10.75 a	10.25 a	11.50 a	11.63 a
	OUTLOOK	6 EC		10.5 oz/a	15 DAP B								
	WARRANT	3 ME		43.0 oz/a	29 DAP C								
	WARRANT	3 ME		43.0 oz/a	42 DAP D								
	WARRANT	3 ME		43.0 oz/a	56 DAP E								
9	DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE A		21.88 a	21.5 a	0.0 a	10.75 a	11.25 a	12.13 a	12.25 a
	DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP B								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP C								
	OUTLOOK	6 EC		10.5 oz/a	42 DAP D								
	OUTLOOK	6 EC		10.5 oz/a	56 DAP E								
10	WARRANT	3 ME		43.0 oz/a	PRE A		22.38 a	22.6 a	0.0 a	12.13 a	11.50 a	11.63 a	11.63 a
	WARRANT	3 ME		43.0 oz/a	15 DAP B								
	WARRANT	3 ME		43.0 oz/a	29 DAP C								
	OUTLOOK	6 EC		10.5 oz/a	42 DAP D								
	OUTLOOK	6 EC		10.5 oz/a	56 DAP E								
11	DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE A		22.63 a	22.7 a	1.3 a	11.50 a	11.75 a	12.00 a	11.88 a
	DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP B								
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP C								
	ZIDUA	4.17 SC		2.5 oz/a	42 DAP D								
	ZIDUA	4.17 SC		2.5 oz/a	56 DAP 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.

Missing data estimates are included in columns: Average=22,23,24

University of Georgia

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Missing data estimates are included in columns: Average=22.23.24

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE										
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code	-----					-----	-----	-----	-----	-----
Crop Code	Arahy					Arahy	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated	plant -					plant -	DIRTY -	CLEAN -	CLEAN -	CLEAN -
Rating Data Type	hgt5					hgt-avg	YIELD	YIELD	YIELD	YIELD
Rating Unit	in					in	LBS/PLOT	LBS/PLOT	LBS/PLOT	LBS/A
Rating Date	Jul-22-20					Jul-22-20	Oct-2-20	Oct-2-20	Oct-2-20	Oct-2-20
Trt-Eval Interval	78 DA-A					78 DA-A				
PRM Data Type						T3		T4		TY5
# Subsamples, Dec.						- 1		- 1		- 0
Trt Treatment	Form	Form	Rate	Grow	Appl					
No. Name	Conc	Type	Rate	Unit	Stg	Code				
1 NTC							20	21	22	23
							11.25 a	11.5 a	19.60 a	19.2 a
2 DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE	A		11.50 a	11.3 a	19.63 a	19.2 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP	B					5498 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C					
3 WARRANT	3 ME		43.0 oz/a	PRE	A		12.00 a	11.3 a	19.25 a	18.9 a
WARRANT	3 ME		43.0 oz/a	15 DAP	B					5393 a
WARRANT	3 ME		43.0 oz/a	29 DAP	C					
4 OUTLOOK	6 EC		10.5 oz/a	PRE	A		10.13 a	10.1 a	18.70 a	18.3 a
OUTLOOK	6 EC		10.5 oz/a	15 DAP	B					5239 a
5 DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE	A		11.00 a	10.9 a	20.05 a	19.6 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP	B					5617 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C					
WARRANT	3 ME		43.0 oz/a	42 DAP	D					
WARRANT	3 ME		43.0 oz/a	56 DAP	E					
6 WARRANT	3 ME		43.0 oz/a	PRE	A		11.75 a	11.2 a	19.80 a	19.4 a
WARRANT	3 ME		43.0 oz/a	15 DAP	B					5547 a
WARRANT	3 ME		43.0 oz/a	29 DAP	C					
DUAL MAGNUM	7.62 EC		15.0 oz/a	42 DAP	D					
DUAL MAGNUM	7.62 EC		15.0 oz/a	56 DAP	E					
7 OUTLOOK	6 EC		10.5 oz/a	PRE	A		11.38 a	11.0 a	19.33 a	18.9 a
OUTLOOK	6 EC		10.5 oz/a	15 DAP	B					5414 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C					
DUAL MAGNUM	7.62 EC		15.0 oz/a	42 DAP	D					
DUAL MAGNUM	7.62 EC		15.0 oz/a	56 DAP	E					
8 OUTLOOK	6 EC		10.5 oz/a	PRE	A		11.13 a	11.1 a	18.50 a	18.1 a
OUTLOOK	6 EC		10.5 oz/a	15 DAP	B					5183 a
WARRANT	3 ME		43.0 oz/a	29 DAP	C					
WARRANT	3 ME		43.0 oz/a	42 DAP	D					
WARRANT	3 ME		43.0 oz/a	56 DAP	E					
9 DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE	A		11.75 a	11.6 a	20.27 a	19.9 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP	B					5678 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C					
OUTLOOK	6 EC		10.5 oz/a	42 DAP	D					
OUTLOOK	6 EC		10.5 oz/a	56 DAP	E					
10 WARRANT	3 ME		43.0 oz/a	PRE	A		12.75 a	11.9 a	19.15 a	18.8 a
WARRANT	3 ME		43.0 oz/a	15 DAP	B					5365 a
WARRANT	3 ME		43.0 oz/a	29 DAP	C					
OUTLOOK	6 EC		10.5 oz/a	42 DAP	D					
OUTLOOK	6 EC		10.5 oz/a	56 DAP	E					
11 DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE	A		10.75 a	11.6 a	19.70 a	19.3 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP	B					5519 a
DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C					
ZIDUA	4.17 SC		2.5 oz/a	42 DAP	D					
ZIDUA	4.17 SC		2.5 oz/a	56 DAP	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.

Missing data estimates are included in columns: Average=22,23,24

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE										
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS								
Location: PONDER FARM		Investigator: Eric P. Prostko								
Weed Code	-----		-----		-----		-----		-----	
Crop Code	Arahy		Arahy		ARAHY		ARAHY		ARAHY	
Part Rated	plant -		plant -		DIRTY -		CLEAN -		CLEAN -	
Rating Data Type	hgt5		hgt-avg		YIELD		YIELD		YIELD	
Rating Unit	in		in		LBS/PLOT		LBS/PLOT		LBS/A	
Rating Date	Jul-22-20		Jul-22-20		Oct-2-20		Oct-2-20		Oct-2-20	
Trt-Eval Interval	78 DA-A		78 DA-A							
PRM Data Type			T3				T4		TY5	
# Subsamples, Dec.			- 1				- 1		- 0	
Trt Treatment	Form	Form	Rate	Grow	Appl					
No. Name	Conc	Type	Rate	Unit	Stg	Code	20	21	22	23
12 DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A	11.63 a	11.4 a	18.58 a	18.2 a
DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP	B				5204 a
DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP	C				
ANTHEM FLEX	4	SC	3.0	oz/a	42 DAP	D				
ANTHEM FLEX	4	SC	3.0	oz/a	56 DAP	E				
13 WARRANT	3	ME	43.0	oz/a	PRE	A	10.50 a	10.8 a	18.97 a	18.6 a
WARRANT	3	ME	43.0	oz/a	15 DAP	B				5314 a
WARRANT	3	ME	43.0	oz/a	29 DAP	C				
ZIDUA	4.17	SC	2.5	oz/a	42 DAP	D				
ZIDUA	4.17	SC	2.5	oz/a	56 DAP	E				
14 WARRANT	3	ME	43.0	oz/a	PRE	A	11.50 a	11.1 a	19.33 a	18.9 a
WARRANT	3	ME	43.0	oz/a	15 DAP	B				5414 a
WARRANT	3	ME	43.0	oz/a	29 DAP	C				
ANTHEM FLEX	4	SC	3.0	oz/a	42 DAP	D				
ANTHEM FLEX	4	SC	3.0	oz/a	56 DAP	E				
15 OUTLOOK	6	EC	10.5	oz/a	PRE	A	11.50 a	11.1 a	18.25 a	17.9 a
OUTLOOK	6	EC	10.5	oz/a	15 DAP	B				5113 a
ZIDUA	4.17	SC	2.5	oz/a	29 DAP	C				
ZIDUA	4.17	SC	2.5	oz/a	42 DAP	D				
ZIDUA	4.17	SC	2.5	oz/a	56 DAP	E				
16 OUTLOOK	6	EC	10.5	oz/a	PRE	A	10.38 a	10.5 a	18.45 a	18.1 a
OUTLOOK	6	EC	10.5	oz/a	15 DAP	B				5169 a
ANTHEM FLEX	4	SC	3.0	oz/a	29 DAP	C				
ANTHEM FLEX	4	SC	3.0	oz/a	42 DAP	D				
ANTHEM FLEX	4	SC	3.0	oz/a	56 DAP	E				
17 ZIDUA	4.17	SC	2.5	oz/a	15 DAP	B	10.50 a	10.8 a	18.40 a	18.0 a
ZIDUA	4.17	SC	2.5	oz/a	29 DAP	C				5155 a
ZIDUA	4.17	SC	2.5	oz/a	42 DAP	D				
18 ANTHEM FLEX	4	SC	3.0	oz/a	15 DAP	B	11.00 a	10.9 a	18.53 a	18.2 a
ANTHEM FLEX	4	SC	3.0	oz/a	29 DAP	C				5192 a
ANTHEM FLEX	4	SC	3.0	oz/a	42 DAP	D				
LSD P=.10			1.607				1.607	1.05	1.649	1.62
Standard Deviation			1.356				1.356	0.89	1.389	1.36
CV			12.06				12.06	7.99	7.26	7.26
Grand Mean			11.243				11.243	11.11	19.137	18.75
Bartlett's X2			15.353				15.353	12.738	20.034	20.034
P(Bartlett's X2)			0.57				0.57	0.754	0.272	0.272

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

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

Missing data estimates are included in columns: Average=22,23,24

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE					
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS			
Location: PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For --- Arahy Stunting Percent May-18-20 13 DA-A (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	566.319444			
Replicate	3	64.930556	21.643519	3.120	0.0339
Treatment	17	147.569444	8.680556	1.251	0.2618
Error	51	353.819444	6.937636		
Randomized Complete Block (RCB) AOV For ----- Arahy Plant Stunting Percent May-28-20 23 DA-A (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	1265.277778			
Replicate	3	15.277778	5.092593	0.360	0.7824
Treatment	17	527.777778	31.045752	2.192	0.0160
Error	51	722.222222	14.161220		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Height1 In Jun-23-20 49 DA-A (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	31.500000			
Replicate	3	0.722222	0.240741	0.602	0.6168
Treatment	17	10.375000	0.610294	1.526	0.1233
Error	51	20.402778	0.400054		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Height2 In Jun-23-20 49 DA-A (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	37.875000			
Replicate	3	6.125000	2.041667	3.786	0.0158
Treatment	17	4.250000	0.250000	0.464	0.9581
Error	51	27.500000	0.539216		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Height3 In Jun-23-20 49 DA-A (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	46.652778			
Replicate	3	8.125000	2.708333	5.046	0.0039
Treatment	17	11.152778	0.656046	1.222	0.2820
Error	51	27.375000	0.536765		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Height4 In Jun-23-20 49 DA-A (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	34.375000			
Replicate	3	5.375000	1.791667	5.259	0.0031
Treatment	17	11.625000	0.683824	2.007	0.0286
Error	51	17.375000	0.340686		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant Height5 In Jun-23-20 49 DA-A (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	30.375000			
Replicate	3	1.791667	0.597222	1.684	0.1820
Treatment	17	10.500000	0.617647	1.742	0.0649
Error	51	18.083333	0.354575		
Randomized Complete Block (RCB) AOV For ---- Arahy Plant hgt-avg In Jun-23-20 49 DA-A T1 1 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	15.504444			
Replicate	3	3.181111	1.060370	6.825	0.0006
Treatment	17	4.399444	0.258791	1.666	0.0816
Error	51	7.923889	0.155370		
Randomized Complete Block (RCB) AOV For Arahy Twin Width1 In Jun-23-20 49 DA-A (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	363.163194			
Replicate	3	25.343750	8.447917	1.758	0.1670
Treatment	17	92.725694	5.454453	1.135	0.3495
Error	51	245.093750	4.805760		
Randomized Complete Block (RCB) AOV For Arahy Twin Width2 In Jun-23-20 49 DA-A (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	343.986111			
Replicate	3	63.125000	21.041667	6.199	0.0011
Treatment	17	107.736111	6.337418	1.867	0.0442
Error	51	173.125000	3.394608		

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE					
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS			
Location: PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Arahya Twin Width3 In Jun-23-20 49 DA-A (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	418.579861			
Replicate	3	148.732639	49.577546	15.054	0.0001
Treatment	17	101.892361	5.993668	1.820	0.0511
Error	51	167.954861	3.293233		
Randomized Complete Block (RCB) AOV For Arahya Twin Width4 In Jun-23-20 49 DA-A (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	367.579861			
Replicate	3	114.621528	38.207176	8.682	0.0001
Treatment	17	28.517361	1.677492	0.381	0.9840
Error	51	224.440972	4.400803		
Randomized Complete Block (RCB) AOV For Arahya Twin Width5 In Jun-23-20 49 DA-A (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	338.718750			
Replicate	3	33.260417	11.086806	2.164	0.1037
Treatment	17	44.156250	2.597426	0.507	0.9375
Error	51	261.302083	5.123570		
Randomized Complete Block (RCB) AOV For Arahya Twin wid-avg In Jun-23-20 49 DA-A T2 1 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	204.975000			
Replicate	3	65.709444	21.903148	10.103	0.0001
Treatment	17	28.700000	1.688235	0.779	0.7077
Error	51	110.565556	2.167952		
Randomized Complete Block (RCB) AOV For ---- Arahya Plant Stunting Percent Jul-22-20 78 DA-A (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	316.319444			
Replicate	3	34.375000	11.458333	2.968	0.0405
Treatment	17	85.069444	5.004085	1.296	0.2328
Error	51	196.875000	3.860294		
Randomized Complete Block (RCB) AOV For ----- Arahya plant hgt1 in Jul-22-20 78 DA-A (Data Column 16)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	163.468750			
Replicate	3	70.510417	23.503472	16.325	0.0001
Treatment	17	19.531250	1.148897	0.798	0.6872
Error	51	73.427083	1.439747		
Randomized Complete Block (RCB) AOV For ---- Arahya plant hgt2 in Jul-22-20 78 DA-A (Data Column 17)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	177.968750			
Replicate	3	69.760417	23.253472	14.745	0.0001
Treatment	17	27.781250	1.634191	1.036	0.4381
Error	51	80.427083	1.577002		
Randomized Complete Block (RCB) AOV For ----- Arahya plant hgt3 in Jul-22-20 78 DA-A (Data Column 18)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	198.000000			
Replicate	3	80.777778	26.925926	14.271	0.0001
Treatment	17	21.000000	1.235294	0.655	0.8303
Error	51	96.222222	1.886710		
Randomized Complete Block (RCB) AOV For ----- Arahya plant hgt4 in Jul-22-20 78 DA-A (Data Column 19)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	196.875000			
Replicate	3	81.902778	27.300926	17.465	0.0001
Treatment	17	35.250000	2.073529	1.326	0.2148
Error	51	79.722222	1.563181		
Randomized Complete Block (RCB) AOV For ----- Arahya plant hgt5 in Jul-22-20 78 DA-A (Data Column 20)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	164.996528			
Replicate	3	42.371528	14.123843	7.678	0.0003
Treatment	17	28.809028	1.694649	0.921	0.5547
Error	51	93.815972	1.839529		

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE					
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS			
Location: PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ----- Arahya plant hgt-avg in Jul-22-20 78 DA-A T3 1 (Data Column 21)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	71	117.846528			
Replicate	3	64.627083	21.542361	27.350	0.0001
Treatment	17	13.049028	0.767590	0.975	0.4993
Error	51	40.170417	0.787655		
Randomized Complete Block (RCB) AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Oct-2-20 (Data Column 22)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	65	193.781235			
Replicate	3	80.942346	26.980782	13.988	0.0001
Treatment	17	26.041235	1.531837	0.794	0.6901
Error	45	86.797654	1.928837		
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Oct-2-20 T4 1 (Data Column 23)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	65	186.107498			
Replicate	3	77.737029	25.912343	13.988	0.0001
Treatment	17	25.010002	1.471177	0.794	0.6901
Error	45	83.360467	1.852455		
Randomized Complete Block (RCB) AOV For ----- ARAHY CLEAN YIELD LBS/A Oct-2-20 TY5 0 (Data Column 24)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	65	15210364.446638			
Replicate	3	6353363.263934	2117787.754645	13.988	0.0001
Treatment	17	2044040.380388	120237.669435	0.794	0.6901
Error	45	6812960.802316	151399.128940		
<u>Part Rated</u> Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf) <u>PRM Data Type</u> T1 = ([C3]+[C4]+[C5]+[C6]+[C7])/5 T2 = ([C9]+[C10]+[C11]+[C12]+[C13])/5 T3 = ([C16]+[C17]+[C18]+[C19]+[C20])/5 T4 = [C22]*0.98 TY5 = 285.8827*[23]					

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE												
Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS												
Location: PONDER FARM Investigator: Eric P. Prostko												
Weed Code							---	-----	----	----	----	----
Crop Code							Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated							Stunting	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type							Percent	Stunting	Height1	Height2	Height3	Height4
Rating Unit							May-18-20	Percent	In	In	In	In
Rating Date							13 DA-A	May-28-20	Jun-23-20	Jun-23-20	Jun-23-20	Jun-23-20
Trt-Eval Interval								23 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A
PRM Data Type												
# Subsamples, Dec.												
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Rate	Unit	Stg	Code Plot	1	2	3	4	5	6
1 NTC						101	0.0	0.0	5.50	6.00	4.50	5.00
						211	0.0	0.0	5.00	4.00	5.50	5.00
						305	0.0	0.0	5.00	5.00	4.50	5.00
						406	0.0	0.0	5.00	5.00	5.50	5.50
						Mean =	0.0	0.0	5.13	5.00	5.00	5.13
2 DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A 102	10.0	10.0	6.00	5.00	4.00	5.00
DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP	B 204	10.0	15.0	4.00	4.50	3.50	4.00
DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP	C 313	0.0	10.0	5.00	6.00	6.00	5.50
						411	0.0	10.0	5.00	5.50	6.50	6.00
						Mean =	5.0	11.3	5.00	5.25	5.00	5.13
3 WARRANT	3	ME	43.0	oz/a	PRE	A 103	10.0	10.0	4.50	5.00	4.00	4.00
WARRANT	3	ME	43.0	oz/a	15 DAP	B 201	0.0	15.0	5.50	4.50	4.50	5.50
WARRANT	3	ME	43.0	oz/a	29 DAP	C 308	0.0	10.0	5.00	5.00	4.50	5.00
						415	0.0	10.0	5.00	5.00	6.00	5.50
						Mean =	2.5	11.3	5.00	4.88	4.75	5.00
4 OUTLOOK	6	EC	10.5	oz/a	PRE	A 104	10.0	15.0	4.00	4.50	3.50	5.00
OUTLOOK	6	EC	10.5	oz/a	15 DAP	B 210	0.0	15.0	4.00	4.00	3.50	4.00
						306	0.0	10.0	4.50	5.00	4.50	5.00
						404	0.0	10.0	4.00	4.50	5.50	5.00
						Mean =	2.5	12.5	4.13	4.50	4.25	4.75
5 DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A 105	10.0	10.0	4.00	4.00	5.00	5.00
DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP	B 216	0.0	10.0	4.00	3.50	4.50	5.00
DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP	C 314	0.0	10.0	5.00	6.00	5.00	6.00
WARRANT	3	ME	43.0	oz/a	42 DAP	D 408	0.0	10.0	4.00	4.50	6.00	6.00
WARRANT	3	ME	43.0	oz/a	56 DAP	E						
						Mean =	2.5	10.0	4.25	4.50	5.13	5.50
6 WARRANT	3	ME	43.0	oz/a	PRE	A 106	0.0	15.0	4.00	5.00	5.00	4.50
WARRANT	3	ME	43.0	oz/a	15 DAP	B 217	0.0	5.0	6.00	4.50	5.00	5.00
WARRANT	3	ME	43.0	oz/a	29 DAP	C 304	0.0	10.0	5.50	5.00	4.50	5.50
DUAL MAGNUM	7.62	EC	15.0	oz/a	42 DAP	D 409	0.0	10.0	5.50	5.00	5.50	6.50
DUAL MAGNUM	7.62	EC	15.0	oz/a	56 DAP	E						
						Mean =	0.0	10.0	5.25	4.88	5.00	5.38
7 OUTLOOK	6	EC	10.5	oz/a	PRE	A 107	0.0	10.0	4.00	4.00	4.50	5.50
OUTLOOK	6	EC	10.5	oz/a	15 DAP	B 203	0.0	15.0	5.00	5.50	5.50	3.50
DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP	C 309	0.0	10.0	4.50	5.00	5.00	4.50
DUAL MAGNUM	7.62	EC	15.0	oz/a	42 DAP	D 418	0.0	10.0	5.00	5.00	4.50	5.00
DUAL MAGNUM	7.62	EC	15.0	oz/a	56 DAP	E						
						Mean =	0.0	11.3	4.63	4.88	4.88	4.63
8 OUTLOOK	6	EC	10.5	oz/a	PRE	A 108	0.0	5.0	3.50	4.00	5.50	4.50
OUTLOOK	6	EC	10.5	oz/a	15 DAP	B 218	5.0	10.0	5.00	4.50	6.00	5.50
WARRANT	3	ME	43.0	oz/a	29 DAP	C 315	0.0	10.0	4.00	5.50	6.00	5.00
WARRANT	3	ME	43.0	oz/a	42 DAP	D 417	0.0	10.0	3.50	5.00	5.00	5.00
WARRANT	3	ME	43.0	oz/a	56 DAP	E						
						Mean =	1.3	8.8	4.00	4.75	5.63	5.00
9 DUAL MAGNUM	7.62	EC	15.0	oz/a	PRE	A 109	0.0	0.0	5.00	5.00	6.00	5.50
DUAL MAGNUM	7.62	EC	15.0	oz/a	15 DAP	B 205	0.0	10.0	4.50	4.00	5.00	5.50
DUAL MAGNUM	7.62	EC	15.0	oz/a	29 DAP	C 307	0.0	10.0	5.00	5.00	4.50	5.00
OUTLOOK	6	EC	10.5	oz/a	42 DAP	D 403	0.0	10.0	4.50	5.50	5.50	5.00
OUTLOOK	6	EC	10.5	oz/a	56 DAP	E						
						Mean =	0.0	7.5	4.75	4.88	5.25	5.25

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE												
Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS												
Location: PONDER FARM Investigator: Eric P. Prostko												
Weed Code							---	-----	----	----	----	----
Crop Code							Arahy	Arahy	Arahy	Arahy	Arahy	Arahy
Part Rated							Stunting	Plant -	Plant -	Plant -	Plant -	Plant -
Rating Data Type							Percent	Stunting	Height1	Height2	Height3	Height4
Rating Unit							May-18-20	May-28-20	Jun-23-20	Jun-23-20	Jun-23-20	Jun-23-20
Rating Date							13 DA-A	23 DA-A	49 DA-A	49 DA-A	49 DA-A	49 DA-A
Trt-Eval Interval												
PRM Data Type												
# Subsamples, Dec.												
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Unit	Stg	Code	Plot	1	2	3	4	5	6
10 WARRANT	3 ME	43.0 oz/a	PRE	A	110		0.0	10.0	4.00	3.50	5.00	4.00
WARRANT	3 ME	43.0 oz/a	15 DAP B	206			10.0	10.0	5.50	5.00	5.00	6.00
WARRANT	3 ME	43.0 oz/a	29 DAP C	303			0.0	10.0	4.50	4.50	5.00	6.00
OUTLOOK	6 EC	10.5 oz/a	42 DAP D	407			0.0	5.0	6.00	7.00	6.50	6.50
OUTLOOK	6 EC	10.5 oz/a	56 DAP E									
Mean =							2.5	8.8	5.00	5.00	5.38	5.63
11 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A	111		0.0	5.0	5.00	4.50	6.00	5.00
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP B	212			0.0	10.0	4.50	5.00	4.50	5.00
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP C	301			0.0	5.0	5.50	6.50	4.50	4.50
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	402			0.0	10.0	4.50	4.00	3.50	4.00
ZIDUA	4.17 SC	2.5 oz/a	56 DAP E									
Mean =							0.0	7.5	4.88	5.00	4.63	4.63
12 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A	112		0.0	10.0	5.00	6.00	5.00	6.00
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP B	208			0.0	15.0	4.50	5.00	4.00	4.50
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP C	302			0.0	5.0	5.00	5.00	4.50	5.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	414			0.0	10.0	5.00	6.00	6.00	6.00
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP E									
Mean =							0.0	10.0	4.88	5.50	4.88	5.38
13 WARRANT	3 ME	43.0 oz/a	PRE	A	113		0.0	10.0	5.00	4.00	4.00	3.50
WARRANT	3 ME	43.0 oz/a	15 DAP B	209			0.0	15.0	4.00	5.00	5.50	4.00
WARRANT	3 ME	43.0 oz/a	29 DAP C	311			0.0	10.0	4.00	5.50	5.00	4.00
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	410			0.0	10.0	5.00	5.00	5.50	5.00
ZIDUA	4.17 SC	2.5 oz/a	56 DAP E									
Mean =							0.0	11.3	4.50	4.88	5.00	4.13
14 WARRANT	3 ME	43.0 oz/a	PRE	A	114		0.0	15.0	4.00	4.00	5.00	5.00
WARRANT	3 ME	43.0 oz/a	15 DAP B	207			0.0	10.0	6.50	5.50	4.50	5.00
WARRANT	3 ME	43.0 oz/a	29 DAP C	317			0.0	10.0	4.50	4.50	5.00	6.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	413			0.0	10.0	5.00	5.50	7.00	6.50
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP E									
Mean =							0.0	11.3	5.00	4.88	5.38	5.63
15 OUTLOOK	6 EC	10.5 oz/a	PRE	A	115		0.0	15.0	4.00	5.50	5.00	5.00
OUTLOOK	6 EC	10.5 oz/a	15 DAP B	202			0.0	15.0	3.00	4.00	5.00	5.00
ZIDUA	4.17 SC	2.5 oz/a	29 DAP C	312			0.0	10.0	5.00	5.00	5.50	5.50
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	416			0.0	5.0	4.00	5.50	5.50	6.00
ZIDUA	4.17 SC	2.5 oz/a	56 DAP E									
Mean =							0.0	11.3	4.00	5.00	5.25	5.38
16 OUTLOOK	6 EC	10.5 oz/a	PRE	A	116		0.0	15.0	4.00	4.00	4.00	5.00
OUTLOOK	6 EC	10.5 oz/a	15 DAP B	213			0.0	0.0	4.50	5.00	5.00	4.00
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP C	318			0.0	10.0	5.50	5.00	3.50	5.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	412			0.0	10.0	5.00	5.00	5.50	5.50
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP E									
Mean =							0.0	8.8	4.75	4.75	4.50	4.88
17 ZIDUA	4.17 SC	2.5 oz/a	15 DAP B	117			0.0	10.0	5.00	4.50	3.50	5.00
ZIDUA	4.17 SC	2.5 oz/a	29 DAP C	215			0.0	0.0	4.00	4.00	4.00	5.00
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	310			0.0	10.0	4.00	3.50	3.50	5.00
				401			0.0	10.0	4.50	6.00	5.00	4.50
Mean =							0.0	7.5	4.38	4.50	4.00	4.88
18 ANTHEM FLEX	4 SC	3.0 oz/a	15 DAP B	118			0.0	15.0	5.00	4.00	4.00	4.00
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP C	214			0.0	0.0	4.00	5.00	5.00	5.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	316			0.0	10.0	5.00	6.00	6.00	4.00
				405			0.0	10.0	4.00	4.00	4.50	5.00
Mean =							0.0	8.8	4.50	4.75	4.88	4.50

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE											
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code	----					Arahy		Arahy		Arahy	
Crop Code						Plant -		Plant -		Twin -	
Part Rated						Height5		hgt-avg		Width1	
Rating Data Type						In		In		In	
Rating Unit						Jun-23-20		Jun-23-20		Jun-23-20	
Rating Date						49 DA-A		49 DA-A		49 DA-A	
Trt-Eval Interval											
PRM Data Type						T1					
# Subsamples, Dec.						- 1					
Trt Treatment	Form	Form	Rate	Grow	Appl						
No. Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10
1 NTC						101		5.00	5.2	24.00	21.00
						211		4.50	4.8	20.00	19.00
						305		4.50	4.8	22.00	23.50
						406		5.00	5.2	24.00	23.50
						Mean =		4.75	5.0	22.50	21.75
2 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	102		4.00	4.8	23.00	20.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP	B	204		4.00	4.0	20.00	21.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	313		5.00	5.5	23.00	23.00
						411		5.00	5.6	25.00	24.00
						Mean =		4.50	5.0	22.75	22.00
3 WARRANT	3	ME	43.0 oz/a	PRE	A	103		5.00	4.5	18.00	19.00
WARRANT	3	ME	43.0 oz/a	15 DAP	B	201		5.00	5.0	20.00	22.00
WARRANT	3	ME	43.0 oz/a	29 DAP	C	308		5.50	5.0	22.00	20.00
						415		5.00	5.3	15.00	22.00
						Mean =		5.13	5.0	18.75	20.75
4 OUTLOOK	6	EC	10.5 oz/a	PRE	A	104		4.00	4.2	18.00	20.00
OUTLOOK	6	EC	10.5 oz/a	15 DAP	B	210		4.50	4.0	21.00	18.50
						306		4.50	4.7	22.00	21.00
						404		5.00	4.8	21.00	20.00
						Mean =		4.50	4.4	20.50	19.88
5 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	105		4.00	4.4	19.00	22.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP	B	216		4.00	4.2	20.00	21.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	314		5.50	5.5	24.50	27.50
WARRANT	3	ME	43.0 oz/a	42 DAP	D	408		6.00	5.3	24.00	25.00
WARRANT	3	ME	43.0 oz/a	56 DAP	E						
						Mean =		4.88	4.9	21.88	23.88
6 WARRANT	3	ME	43.0 oz/a	PRE	A	106		5.50	4.8	15.50	19.00
WARRANT	3	ME	43.0 oz/a	15 DAP	B	217		5.00	5.1	25.50	20.00
WARRANT	3	ME	43.0 oz/a	29 DAP	C	304		5.00	5.1	22.00	19.50
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP	D	409		4.00	5.3	22.00	23.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP	E						
						Mean =		4.88	5.1	21.25	20.38
7 OUTLOOK	6	EC	10.5 oz/a	PRE	A	107		5.00	4.6	21.50	20.50
OUTLOOK	6	EC	10.5 oz/a	15 DAP	B	203		5.00	4.9	21.00	21.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	309		5.00	4.8	22.00	19.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP	D	418		4.50	4.8	21.00	21.50
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP	E						
						Mean =		4.88	4.8	21.38	20.50
8 OUTLOOK	6	EC	10.5 oz/a	PRE	A	108		4.50	4.4	19.00	23.00
OUTLOOK	6	EC	10.5 oz/a	15 DAP	B	218		4.00	5.0	20.00	19.00
WARRANT	3	ME	43.0 oz/a	29 DAP	C	315		5.00	5.1	18.50	23.00
WARRANT	3	ME	43.0 oz/a	42 DAP	D	417		4.50	4.6	22.00	22.00
WARRANT	3	ME	43.0 oz/a	56 DAP	E						
						Mean =		4.50	4.8	19.88	21.75
9 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	109		4.00	5.1	18.50	21.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP	B	205		5.50	4.9	22.00	20.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	307		5.00	4.9	20.00	21.00
OUTLOOK	6	EC	10.5 oz/a	42 DAP	D	403		4.50	5.0	21.50	22.00
OUTLOOK	6	EC	10.5 oz/a	56 DAP	E						
						Mean =		4.75	5.0	20.50	21.00

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE											
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code	----					----		----		----	
Crop Code	Arahy					Arahy		Arahy		Arahy	
Part Rated	Plant -					Plant -		Twin -		Twin -	
Rating Data Type	Height5					hgt-avg		Width1		Width2	
Rating Unit	In					In		In		In	
Rating Date	Jun-23-20					Jun-23-20		Jun-23-20		Jun-23-20	
Trt-Eval Interval	49 DA-A					49 DA-A		49 DA-A		49 DA-A	
PRM Data Type						T1					
# Subsamples, Dec.						- 1					
Trt Treatment	Form	Form	Rate	Grow	Appl	7	8	9	10	11	12
No. Name	Conc	Type	Rate	Unit	Stg Code Plot						
10 WARRANT	3 ME	43.0 oz/a	PRE	A	110	6.00	4.5	20.00	22.00	22.50	21.00
WARRANT	3 ME	43.0 oz/a	15 DAP	B	206	5.00	5.3	21.50	19.00	22.00	19.00
WARRANT	3 ME	43.0 oz/a	29 DAP	C	303	5.00	5.0	21.50	24.50	25.50	23.00
OUTLOOK	6 EC	10.5 oz/a	42 DAP	D	407	6.00	6.4	26.00	26.50	24.00	25.00
OUTLOOK	6 EC	10.5 oz/a	56 DAP	E							
Mean =						5.50	5.3	22.25	23.00	23.50	22.00
11 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A	111	5.00	5.1	24.50	25.00	25.00	21.50
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B	212	4.00	4.6	20.00	19.50	22.50	20.00
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C	301	5.00	5.2	22.00	25.50	24.50	23.50
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D	402	5.00	4.2	20.50	24.00	25.00	21.00
ZIDUA	4.17 SC	2.5 oz/a	56 DAP	E							
Mean =						4.75	4.8	21.75	23.50	24.25	21.50
12 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A	112	5.50	5.5	23.00	20.50	21.00	18.50
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP	B	208	5.00	4.6	23.00	22.00	18.50	20.00
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP	C	302	4.50	4.8	25.00	27.00	24.50	25.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D	414	5.50	5.7	21.00	24.00	22.00	23.00
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP	E							
Mean =						5.13	5.2	23.00	23.38	21.50	21.63
13 WARRANT	3 ME	43.0 oz/a	PRE	A	113	4.00	4.1	25.00	22.00	21.00	21.00
WARRANT	3 ME	43.0 oz/a	15 DAP	B	209	3.50	4.4	21.00	21.50	22.00	21.00
WARRANT	3 ME	43.0 oz/a	29 DAP	C	311	5.50	4.8	22.50	22.00	21.00	19.00
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D	410	5.50	5.2	21.00	22.00	27.00	25.50
ZIDUA	4.17 SC	2.5 oz/a	56 DAP	E							
Mean =						4.63	4.6	22.38	21.88	22.75	21.63
14 WARRANT	3 ME	43.0 oz/a	PRE	A	114	5.00	4.6	20.00	22.50	22.00	20.50
WARRANT	3 ME	43.0 oz/a	15 DAP	B	207	5.50	5.4	24.00	24.00	21.00	23.00
WARRANT	3 ME	43.0 oz/a	29 DAP	C	317	6.00	5.2	23.50	24.50	23.00	23.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D	413	5.00	5.8	25.50	25.00	22.00	23.00
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP	E							
Mean =						5.38	5.3	23.25	24.00	22.00	22.38
15 OUTLOOK	6 EC	10.5 oz/a	PRE	A	115	6.00	5.1	22.00	21.00	19.00	20.00
OUTLOOK	6 EC	10.5 oz/a	15 DAP	B	202	5.00	4.4	21.00	20.00	20.00	20.00
ZIDUA	4.17 SC	2.5 oz/a	29 DAP	C	312	6.00	5.4	20.00	21.50	19.50	22.00
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D	416	6.50	5.5	24.00	25.50	24.00	28.00
ZIDUA	4.17 SC	2.5 oz/a	56 DAP	E							
Mean =						5.88	5.1	21.75	22.00	20.63	22.50
16 OUTLOOK	6 EC	10.5 oz/a	PRE	A	116	4.50	4.3	19.00	18.50	19.00	19.00
OUTLOOK	6 EC	10.5 oz/a	15 DAP	B	213	5.00	4.7	24.50	25.00	23.50	22.00
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP	C	318	4.00	4.6	24.00	21.00	21.00	21.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D	412	5.50	5.3	21.00	22.00	25.00	24.00
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP	E							
Mean =						4.75	4.7	22.13	21.63	22.13	21.50
17 ZIDUA	4.17 SC	2.5 oz/a	15 DAP	B	117	4.00	4.4	22.00	23.00	20.00	19.00
ZIDUA	4.17 SC	2.5 oz/a	29 DAP	C	215	4.50	4.3	20.00	24.50	23.00	19.00
ZIDUA	4.17 SC	2.5 oz/a	42 DAP	D	310	4.50	4.1	19.00	22.00	22.50	25.00
					401	4.50	4.9	21.00	24.00	23.50	22.00
Mean =						4.38	4.4	20.50	23.38	22.25	21.25
18 ANTHEM FLEX	4 SC	3.0 oz/a	15 DAP	B	118	6.00	4.6	18.00	18.00	17.00	17.00
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP	C	214	4.50	4.7	24.00	25.00	22.00	23.00
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP	D	316	4.00	5.0	21.00	21.00	23.00	20.00
					405	4.00	4.3	22.00	22.50	21.00	19.00
Mean =						4.63	4.7	21.25	21.63	20.75	19.75

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE											
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS									
Location: PONDER FARM		Investigator: Eric P. Prostko									
Weed Code						Arahy Twin - Width5 In	Arahy Twin - wid-avg In	---- Arahy Plant - Stunting Percent	----- Arahy plant - hgt1 in	---- Arahy plant - hgt2 in	----- Arahy plant - hgt3 in
Crop Code						Jun-23-20	Jun-23-20	Jul-22-20	Jul-22-20	Jul-22-20	Jul-22-20
Part Rated						49 DA-A	49 DA-A	78 DA-A	78 DA-A	78 DA-A	78 DA-A
Rating Data Type											
Rating Unit											
Rating Date											
Trt-Eval Interval											
PRM Data Type							T2				
# Subsamples, Dec.							- 1				
Trt Treatment	Form	Form	Rate	Grow	Appl	13	14	15	16	17	18
No. Name	Conc	Type	Rate	Unit	Stg						
1 NTC						101	21.00	22.0	0.0	13.00	12.00
						211	24.00	21.2	0.0	9.50	10.00
						305	25.50	23.8	0.0	11.00	11.00
						406	23.00	23.4	0.0	12.00	13.00
					Mean =	23.38	22.6	0.0	11.38	11.63	11.50
2 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	102	23.00	21.2	5.0	11.00	10.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP	B	204	22.00	20.8	10.0	10.00	10.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	313	22.00	23.8	0.0	11.50	15.00
						411	23.50	24.0	0.0	13.00	12.00
					Mean =	22.63	22.5	3.8	11.38	10.50	11.75
3 WARRANT	3	ME	43.0 oz/a	PRE	A	103	20.00	18.5	0.0	10.50	10.00
WARRANT	3	ME	43.0 oz/a	15 DAP	B	201	24.00	21.8	0.0	11.00	10.00
WARRANT	3	ME	43.0 oz/a	29 DAP	C	308	22.00	21.5	0.0	10.00	13.00
						415	22.00	20.5	0.0	12.50	14.00
					Mean =	22.00	20.6	0.0	11.00	11.13	11.75
4 OUTLOOK	6	EC	10.5 oz/a	PRE	A	104	22.00	19.2	5.0	8.00	9.00
OUTLOOK	6	EC	10.5 oz/a	15 DAP	B	210	24.00	21.5	0.0	8.00	9.00
						306	19.50	21.5	0.0	12.00	12.50
						404	26.00	22.0	0.0	11.00	12.50
					Mean =	22.88	21.1	1.3	9.75	9.88	10.75
5 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	105	18.00	18.6	5.0	9.00	9.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP	B	216	22.00	20.0	5.0	9.00	9.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	314	25.00	24.7	0.0	12.00	14.00
WARRANT	3	ME	43.0 oz/a	42 DAP	D	408	24.00	24.9	0.0	10.50	13.00
WARRANT	3	ME	43.0 oz/a	56 DAP	E						
					Mean =	22.25	22.1	2.5	10.13	10.75	11.25
6 WARRANT	3	ME	43.0 oz/a	PRE	A	106	21.00	19.0	0.0	9.00	11.00
WARRANT	3	ME	43.0 oz/a	15 DAP	B	217	25.00	22.8	0.0	10.00	9.50
WARRANT	3	ME	43.0 oz/a	29 DAP	C	304	23.50	22.0	0.0	11.00	11.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP	D	409	21.50	22.7	0.0	14.00	12.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP	E						
					Mean =	22.75	21.6	0.0	11.00	11.13	10.88
7 OUTLOOK	6	EC	10.5 oz/a	PRE	A	107	24.00	21.4	0.0	11.00	11.00
OUTLOOK	6	EC	10.5 oz/a	15 DAP	B	203	18.00	21.4	0.0	11.00	11.50
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	309	22.00	21.3	0.0	10.50	11.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP	D	418	21.50	22.6	0.0	13.00	11.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP	E						
					Mean =	21.38	21.7	0.0	11.38	10.63	11.38
8 OUTLOOK	6	EC	10.5 oz/a	PRE	A	108	23.00	22.3	5.0	9.00	10.00
OUTLOOK	6	EC	10.5 oz/a	15 DAP	B	218	18.00	18.8	0.0	10.00	11.00
WARRANT	3	ME	43.0 oz/a	29 DAP	C	315	21.00	21.4	0.0	12.00	13.00
WARRANT	3	ME	43.0 oz/a	42 DAP	D	417	21.00	22.9	0.0	12.00	12.00
WARRANT	3	ME	43.0 oz/a	56 DAP	E						
					Mean =	20.75	21.4	1.3	10.75	10.25	11.50
9 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	109	23.00	21.3	0.0	10.00	11.00
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP	B	205	23.50	21.3	0.0	10.00	10.50
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP	C	307	22.00	21.8	0.0	10.00	13.00
OUTLOOK	6	EC	10.5 oz/a	42 DAP	D	403	19.00	21.5	0.0	13.00	14.00
OUTLOOK	6	EC	10.5 oz/a	56 DAP	E						
					Mean =	21.88	21.5	0.0	10.75	11.25	12.13

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE														
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code							Arahy Twin - Width5 In Jun-23-20 49 DA-A	Arahy Twin - wid-avg In Jun-23-20 49 DA-A T2 - 1	Arahy Plant - Stunting Percent Jul-22-20 78 DA-A	Arahy plant - hgt1 in Jul-22-20 78 DA-A	Arahy plant - hgt2 in Jul-22-20 78 DA-A	Arahy plant - hgt3 in Jul-22-20 78 DA-A		
Crop Code														
Part Rated														
Rating Data Type														
Rating Unit														
Rating Date														
Trt-Eval Interval														
PRM Data Type														
# Subsamples, Dec.														
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16	17	18
10	WARRANT	3 ME		43.0 oz/a	PRE	A	110		21.50	21.4	0.0	13.00	11.00	11.00
	WARRANT	3 ME		43.0 oz/a	15 DAP	B	206		20.00	20.3	0.0	11.00	11.50	12.00
	WARRANT	3 ME		43.0 oz/a	29 DAP	C	303		24.00	23.7	0.0	12.00	12.50	14.00
	OUTLOOK	6 EC		10.5 oz/a	42 DAP	D	407		24.00	25.1	0.0	12.50	11.00	9.50
	OUTLOOK	6 EC		10.5 oz/a	56 DAP	E								
Mean =									22.38	22.6	0.0	12.13	11.50	11.63
11	DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE	A	111		25.50	24.3	0.0	14.00	13.00	13.00
	DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP	B	212		21.00	20.6	0.0	9.00	10.00	10.00
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C	301		21.00	23.3	5.0	11.00	10.00	11.00
	ZIDUA	4.17 SC		2.5 oz/a	42 DAP	D	402		23.00	22.7	0.0	12.00	14.00	14.00
	ZIDUA	4.17 SC		2.5 oz/a	56 DAP	E								
Mean =									22.63	22.7	1.3	11.50	11.75	12.00
12	DUAL MAGNUM	7.62 EC		15.0 oz/a	PRE	A	112		21.00	20.8	0.0	12.00	13.00	12.00
	DUAL MAGNUM	7.62 EC		15.0 oz/a	15 DAP	B	208		20.00	20.7	0.0	8.50	10.50	8.50
	DUAL MAGNUM	7.62 EC		15.0 oz/a	29 DAP	C	302		21.50	24.6	0.0	11.00	10.50	11.00
	ANTHEM FLEX	4 SC		3.0 oz/a	42 DAP	D	414		23.00	22.6	0.0	12.00	12.00	12.50
	ANTHEM FLEX	4 SC		3.0 oz/a	56 DAP	E								
Mean =									21.38	22.2	0.0	10.88	11.50	11.00
13	WARRANT	3 ME		43.0 oz/a	PRE	A	113		22.00	22.2	0.0	12.00	10.00	10.00
	WARRANT	3 ME		43.0 oz/a	15 DAP	B	209		18.00	20.7	0.0	8.50	9.00	11.00
	WARRANT	3 ME		43.0 oz/a	29 DAP	C	311		21.00	21.1	0.0	10.00	10.00	14.00
	ZIDUA	4.17 SC		2.5 oz/a	42 DAP	D	410		24.00	23.9	0.0	13.00	11.00	13.00
	ZIDUA	4.17 SC		2.5 oz/a	56 DAP	E								
Mean =									21.25	22.0	0.0	10.88	10.00	12.00
14	WARRANT	3 ME		43.0 oz/a	PRE	A	114		23.00	21.6	0.0	9.00	9.00	11.00
	WARRANT	3 ME		43.0 oz/a	15 DAP	B	207		22.50	22.9	0.0	10.00	10.00	13.00
	WARRANT	3 ME		43.0 oz/a	29 DAP	C	317		21.50	23.1	0.0	11.00	11.00	9.00
	ANTHEM FLEX	4 SC		3.0 oz/a	42 DAP	D	413		26.00	24.3	0.0	13.00	13.00	13.00
	ANTHEM FLEX	4 SC		3.0 oz/a	56 DAP	E								
Mean =									23.25	23.0	0.0	10.75	10.75	11.50
15	OUTLOOK	6 EC		10.5 oz/a	PRE	A	115		18.50	20.1	5.0	10.00	10.00	10.50
	OUTLOOK	6 EC		10.5 oz/a	15 DAP	B	202		19.50	20.1	0.0	8.50	11.00	9.00
	ZIDUA	4.17 SC		2.5 oz/a	29 DAP	C	312		21.50	20.9	0.0	11.00	11.00	14.00
	ZIDUA	4.17 SC		2.5 oz/a	42 DAP	D	416		28.00	25.9	0.0	12.50	12.00	13.00
	ZIDUA	4.17 SC		2.5 oz/a	56 DAP	E								
Mean =									21.88	21.8	1.3	10.50	11.00	11.63
16	OUTLOOK	6 EC		10.5 oz/a	PRE	A	116		18.00	18.7	5.0	9.00	8.00	7.50
	OUTLOOK	6 EC		10.5 oz/a	15 DAP	B	213		23.50	23.7	0.0	10.00	9.00	9.00
	ANTHEM FLEX	4 SC		3.0 oz/a	29 DAP	C	318		20.00	21.4	0.0	12.00	11.00	12.00
	ANTHEM FLEX	4 SC		3.0 oz/a	42 DAP	D	412		23.00	23.0	0.0	11.50	12.00	12.00
	ANTHEM FLEX	4 SC		3.0 oz/a	56 DAP	E								
Mean =									21.13	21.7	1.3	10.63	10.00	10.13
17	ZIDUA	4.17 SC		2.5 oz/a	15 DAP	B	117		18.50	20.5	0.0	9.00	11.00	9.00
	ZIDUA	4.17 SC		2.5 oz/a	29 DAP	C	215		20.00	21.3	0.0	11.50	12.00	10.50
	ZIDUA	4.17 SC		2.5 oz/a	42 DAP	D	310		21.00	21.9	5.0	10.00	11.00	11.00
							401		23.50	22.8	0.0	13.00	14.00	12.00
Mean =									20.75	21.6	1.3	10.88	12.00	10.63
18	ANTHEM FLEX	4 SC		3.0 oz/a	15 DAP	B	118		20.00	18.0	5.0	9.00	8.00	9.00
	ANTHEM FLEX	4 SC		3.0 oz/a	29 DAP	C	214		25.50	23.9	0.0	10.50	11.00	10.00
	ANTHEM FLEX	4 SC		3.0 oz/a	42 DAP	D	316		22.00	21.4	5.0	12.00	11.00	11.50
							405		20.00	20.9	0.0	13.50	12.00	12.00
Mean =									21.88	21.1	2.5	11.25	10.50	10.63

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE											
Trial ID: PE-18-20		Study Dir.: TOMMY BUTTS									
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.											
Trt Treatment	Form	Form	Rate	Grow	Appl						
No. Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
								19	20	21	22
1 NTC						101		12.00	10.00	11.7	19.90
						211		11.00	10.00	10.0	19.00
						305		12.00	13.00	11.8	20.20
						406		12.50	12.00	12.6	19.30
						Mean =		11.88	11.25	11.5	19.60
2 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	102		10.00	10.00	9.8	18.40
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B		204		9.00	10.00	9.8	17.20
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C		313		14.00	14.00	13.5	22.00
						411		12.00	12.00	12.0	20.90
						Mean =		11.25	11.50	11.3	19.63
3 WARRANT	3	ME	43.0 oz/a	PRE	A	103		9.00	11.00	10.3	17.60
WARRANT	3	ME	43.0 oz/a	15 DAP B		201		10.00	11.50	10.3	19.60
WARRANT	3	ME	43.0 oz/a	29 DAP C		308		12.00	12.00	11.7	18.90
						415		12.00	13.50	13.0	20.90
						Mean =		10.75	12.00	11.3	19.25
4 OUTLOOK	6	EC	10.5 oz/a	PRE	A	104		9.00	10.50	8.8	18.00
OUTLOOK	6	EC	10.5 oz/a	15 DAP B		210		9.00	7.50	8.5	18.10
						306		9.00	9.50	10.7	19.70
						404		13.00	13.00	12.4	19.00
						Mean =		10.00	10.13	10.1	18.70
5 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	105		10.00	12.00	9.5	17.90
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B		216		9.00	10.00	9.4	17.20
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C		314		13.50	11.00	12.6	21.90
WARRANT	3	ME	43.0 oz/a	42 DAP D		408		13.00	11.00	12.1	23.20
WARRANT	3	ME	43.0 oz/a	56 DAP E							
						Mean =		11.38	11.00	10.9	20.05
6 WARRANT	3	ME	43.0 oz/a	PRE	A	106		10.50	10.50	10.0	18.70
WARRANT	3	ME	43.0 oz/a	15 DAP B		217		12.00	11.50	10.6	.
WARRANT	3	ME	43.0 oz/a	29 DAP C		304		10.00	12.00	11.2	19.50
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP D		409		12.00	13.00	12.9	21.20
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP E							
						Mean =		11.13	11.75	11.2	19.80
7 OUTLOOK	6	EC	10.5 oz/a	PRE	A	107		10.50	12.00	10.7	20.10
OUTLOOK	6	EC	10.5 oz/a	15 DAP B		203		9.00	10.00	10.7	18.30
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C		309		10.00	11.50	10.8	19.10
DUAL MAGNUM	7.62	EC	15.0 oz/a	42 DAP D		418		10.50	12.00	11.6	19.80
DUAL MAGNUM	7.62	EC	15.0 oz/a	56 DAP E							
						Mean =		10.00	11.38	11.0	19.33
8 OUTLOOK	6	EC	10.5 oz/a	PRE	A	108		12.00	11.00	10.0	19.70
OUTLOOK	6	EC	10.5 oz/a	15 DAP B		218		11.00	11.00	10.6	15.60
WARRANT	3	ME	43.0 oz/a	29 DAP C		315		11.00	10.00	11.8	20.20
WARRANT	3	ME	43.0 oz/a	42 DAP D		417		12.50	12.50	11.8	.
WARRANT	3	ME	43.0 oz/a	56 DAP E							
						Mean =		11.63	11.13	11.1	18.50
9 DUAL MAGNUM	7.62	EC	15.0 oz/a	PRE	A	109		12.50	12.00	11.1	20.10
DUAL MAGNUM	7.62	EC	15.0 oz/a	15 DAP B		205		11.00	13.00	11.3	.
DUAL MAGNUM	7.62	EC	15.0 oz/a	29 DAP C		307		14.50	11.00	11.9	20.10
OUTLOOK	6	EC	10.5 oz/a	42 DAP D		403		11.00	11.00	12.2	20.60
OUTLOOK	6	EC	10.5 oz/a	56 DAP E							
						Mean =		12.25	11.75	11.6	20.27

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES WEED-FREE												
Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS												
Location: PONDER FARM Investigator: Eric P. Prostko												
Weed Code							-----	-----	-----	-----	-----	-----
Crop Code							Arahy	Arahy	Arahy	ARAHY	ARAHY	ARAHY
Part Rated							plant -	plant -	plant -	DIRTY -	CLEAN -	CLEAN -
Rating Data Type							hgt4	hgt5	hgt-avg	YIELD	YIELD	YIELD
Rating Unit							in	in	in	LBS/PLOT	LBS/PLOT	LBS/A
Rating Date							Jul-22-20	Jul-22-20	Jul-22-20	Oct-2-20	Oct-2-20	Oct-2-20
Trt-Eval Interval							78 DA-A	78 DA-A	78 DA-A			
PRM Data Type							T3				T4	TY5
# Subsamples, Dec.							- 1				- 1	- 0
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Unit	Stg	Code	Plot	19	20	21	22	23	24
10 WARRANT	3 ME	43.0 oz/a	PRE	A	110		10.00	13.00	11.6	17.90	17.5	5015
WARRANT	3 ME	43.0 oz/a	15 DAP B	206			11.00	12.00	11.5	16.80	16.5	4707
WARRANT	3 ME	43.0 oz/a	29 DAP C	303			12.50	13.00	12.8	20.20	19.8	5659
OUTLOOK	6 EC	10.5 oz/a	42 DAP D	407			13.00	13.00	11.8	21.70	21.3	6080
OUTLOOK	6 EC	10.5 oz/a	56 DAP E									
Mean =							11.63	12.75	11.9	19.15	18.8	5365
11 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A	111		12.50	13.00	13.1			
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP B	212			10.00	8.50	9.5	18.30	17.9	5127
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP C	301			12.00	12.50	11.3	18.60	18.2	5211
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	402			13.00	9.00	12.4	22.20	21.8	6220
ZIDUA	4.17 SC	2.5 oz/a	56 DAP E									
Mean =							11.88	10.75	11.6	19.70	19.3	5519
12 DUAL MAGNUM	7.62 EC	15.0 oz/a	PRE	A	112		13.00	13.00	12.6	14.90	14.6	4174
DUAL MAGNUM	7.62 EC	15.0 oz/a	15 DAP B	208			10.00	8.50	9.2	17.90	17.5	5015
DUAL MAGNUM	7.62 EC	15.0 oz/a	29 DAP C	302			13.00	11.00	11.3	21.10	20.7	5911
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	414			12.50	14.00	12.6	20.40	20.0	5715
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP E									
Mean =							12.13	11.63	11.4	18.58	18.2	5204
13 WARRANT	3 ME	43.0 oz/a	PRE	A	113		8.50	10.00	10.1	18.80	18.4	5267
WARRANT	3 ME	43.0 oz/a	15 DAP B	209			9.00	8.50	9.2	18.10	17.7	5071
WARRANT	3 ME	43.0 oz/a	29 DAP C	311			12.50	12.00	11.7			
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	410			12.00	11.50	12.1	20.00	19.6	5603
ZIDUA	4.17 SC	2.5 oz/a	56 DAP E									
Mean =							10.50	10.50	10.8	18.97	18.6	5314
14 WARRANT	3 ME	43.0 oz/a	PRE	A	114		10.00	11.50	10.1	17.60	17.2	4931
WARRANT	3 ME	43.0 oz/a	15 DAP B	207			10.00	9.00	10.4	18.80	18.4	5267
WARRANT	3 ME	43.0 oz/a	29 DAP C	317			11.00	12.00	10.8	19.50	19.1	5463
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	413			12.50	13.50	13.0	21.40	21.0	5996
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP E									
Mean =							10.88	11.50	11.1	19.33	18.9	5414
15 OUTLOOK	6 EC	10.5 oz/a	PRE	A	115		9.00	9.00	9.7	15.70	15.4	4399
OUTLOOK	6 EC	10.5 oz/a	15 DAP B	202			8.00	11.00	9.5	18.20	17.8	5099
ZIDUA	4.17 SC	2.5 oz/a	29 DAP C	312			12.00	13.00	12.2	19.00	18.6	5323
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	416			14.00	13.00	12.9	20.10	19.7	5631
ZIDUA	4.17 SC	2.5 oz/a	56 DAP E									
Mean =							10.75	11.50	11.1	18.25	17.9	5113
16 OUTLOOK	6 EC	10.5 oz/a	PRE	A	116		9.00	8.50	8.4	15.70	15.4	4399
OUTLOOK	6 EC	10.5 oz/a	15 DAP B	213			9.00	10.00	9.4	17.90	17.5	5015
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP C	318			13.00	10.00	11.6	20.10	19.7	5631
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	412			14.00	13.00	12.5	20.10	19.7	5631
ANTHEM FLEX	4 SC	3.0 oz/a	56 DAP E									
Mean =							11.25	10.38	10.5	18.45	18.1	5169
17 ZIDUA	4.17 SC	2.5 oz/a	15 DAP B	117			9.00	9.00	9.4	16.30	16.0	4567
ZIDUA	4.17 SC	2.5 oz/a	29 DAP C	215			8.50	10.00	10.5	17.10	16.8	4791
ZIDUA	4.17 SC	2.5 oz/a	42 DAP D	310			10.00	10.00	10.4	18.60	18.2	5211
				401			12.00	13.00	12.8	21.60	21.2	6052
Mean =							9.88	10.50	10.8	18.40	18.0	5155
18 ANTHEM FLEX	4 SC	3.0 oz/a	15 DAP B	118			8.00	10.00	8.8	17.20	16.9	4819
ANTHEM FLEX	4 SC	3.0 oz/a	29 DAP C	214			12.00	12.00	11.1	19.60	19.2	5491
ANTHEM FLEX	4 SC	3.0 oz/a	42 DAP D	316			12.00	11.00	11.5	18.80	18.4	5267
				405			12.50	11.00	12.2			
Mean =							11.13	11.00	10.9	18.53	18.2	5192

University of Georgia

PEANUT RESPONSE TO GROUP 15 HERBICIDES

WEED-FREE

Trial ID: PE-18-20 Study Dir.: TOMMY BUTTS

Location: PONDER FARM Investigator: Eric P. Prostko

Part Rated

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

PRM Data Type

$$T1 = ([C3] + [C4] + [C5] + [C6] + [C7]) / 5$$

$$T2 = ([C9] + [C10] + [C11] + [C12] + [C13]) / 5$$

$$T3 = ([C16] + [C17] + [C18] + [C19] + [C20]) / 5$$

$$T4 = [C22] * 0.98$$

$$TY5 = 285.8827 * [23]$$