University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 4 Plots: 6 by 25 feet
Spray vol: 15 gal/ac Mix size: 1.5 liters (min .78211)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	2	3	4
1	GEORGIA-06G ZIDUA	85	WG	0.0	OZ/A	PRE	A		101	207	304	407
2	GEORGIA-06G ZIDUA	85	WG	2.0	OZ/A	PRE	A	1.498 g/mx	104	201	307	404
3	GEORGIA-06G ZIDUA	85	WG	4.0	OZ/A	PRE	A	2.996 g/mx	107	204	301	401
4	GEORGIA GREENER ZIDUA	85	WG	0.0	OZ/A	PRE	A		102	208	305	402
5	GEORGIA GREENER ZIDUA	85	WG	2.0	OZ/A	PRE	A	1.498 g/mx	105	202	308	405
6	GEORGIA GREENER ZIDUA	85	WG	4.0	OZ/A	PRE	A	2.996 g/mx	108	205	302	408
7	TIFGUARD ZIDUA	85	WG	0.0	OZ/A	PRE	A		103	209	306	403
8	TIFGUARD ZIDUA	85	WG	2.0	OZ/A	PRE	A	1.498 g/mx	106	203	309	406
9	TIFGUARD ZIDUA	85	WG	4.0	OZ/A	PRE	A	2.996 g/mx	109	206	303	409

Sort Order: Replicate 1

Trial Comments

PROWL H20 @ 34 OZ/A + VALOR @ 3 OZ/A + STRONGARM @ 0.225 OZ/A - MAY 8 ENTIRE PLOT AREA

CROP INJURY RATINGS: 1 = NONE; 2 = SLIGHT; 3 = MODERATE; 4 = SEVERE (STUNTING AND LEAF BURN)

PLANTING DATE: MAY 7

IRRIGATION/RAINFALL EVENTS
MAY 9: 0.75" IRRIGATION + 0.23" RAINFALL
MAY 11: 0.5" IRRIGATION
MAY 13: 0.4" RAINFALL
MAY 14: 0.05" RAINFALL
MAY 15: 0.57" RAINFALL
MAY 16: 0.53" RAINFALL
MAY 17: 0.04" RAINFALL
MAY 18: 0.02" RAINFALL
MAY 22: 0.5" IRRIGATION + 0.01" RAINFALL

SUMMARY:

1) PEANUT STAND

By 16 days after planting (DAP), plant stand was not influenceD by pyroxasulfone rate or variety.

2) PEANUT STUNTING

Peanut stunting 10 DAP was influenced by the interaction of peanut cultivar and pyroxasulfone rate. Tifguard was more sensitive to pyroxasulfone applied at 2 oz/A than GA-06G and GA Greener. Tifguard was less sensitive to pyroxasulfone applied at 4 oz/A than GA Greener. Regardless of cultivar, significant stunting was noted 10 DAP (38 to 55%).

By 119 DAP, peanuts had dramatically recovered from early season stunting (4 to 7%) caused by proxasulfone.

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

3) PEANUT MATURITY

Pyroxasulfone did not delay maturity.

4) PEANUT YIELD

Yield was not influenceD by pyroxasulfone rate. However, yield was influenced by cultivar. Greatest yields were observed WITH GA-06G (6455 lbs/A), while GA Greener (5885 lbs/A) and Tifguard (5920 lbs/A) had lower yields.

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: PETER EURE **Title:** _____
Affiliation: _____ **Postal Code:** _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____ **Postal Code:** _____

Trial Status: _____ **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:** May-7-12
Planting Method: MONSOEM TWIN ROW **Rate:** 3.1 SEED/FT **Depth:** 2 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:** SPLPLO
Trial Initiation Comments: THIMET 20G INFR @ 3.5 LBS/A

Previous: Crops **Pesticides** **Year**
1. _____ _____ _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 1.24 **% Sand:** 96 **% Silt:** 2 **% Clay:** 2
pH: 6.0 **CEC:** _____ **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On:	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-9-12	_____	0.70	IN	SPRINKLER - LATERAL MOVE	_____	_____
2.	May-9-12	_____	0.23	IN	RAINFALL	_____	_____
3.	May-11-12	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4.	May-13-12	_____	0.4	IN	RAINFALL	_____	_____
5.	May-14-12	_____	0.05	IN	RAINFALL	_____	_____
6.	May-15-12	_____	0.57	IN	RAINFALL	_____	_____

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

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

		A	B	C	D	E	F
Application Date:		May-8-12					
Time of Day:		7:15 AM					
Application Method:		BROADCAST					
Application Timing:		PRE					
Applic. Placement:		SOIL					
Air Temp., Unit:		73	F				
% Relative Humidity:		95					
Wind Velocity, Unit:		1	MPH				
Dew Presence (Y/N):		Y					
Water Hardness:		--					
Soil Temp., Unit:		76	F				
Soil Moisture:		DRY-OPT					
% Cloud Cover:		40					

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:		40					
Nozzle Type:		FLAT FAN					
Nozzle Size:		11002DG					
Nozzle Spacing, Unit:		20	IN				
Nozzles/Row:							
Band Width, Unit:							
Boom Length, Unit:		60	IN				
Boom Height, Unit:		17	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 CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
Weed Code								-----	-----	-----	-----	-----
Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated								PLANT -	PLANT -	PLANT -	PLANT -	PLANT -
Rating Data Type								INJURY	STAND	STAND	STAND	STUNTING
Rating Unit								1-4	#/3 FT	#/3 FT	#/FT	PERCENT
Rating Date								May-16-12	May-16-12	May-18-12	May-24-12	May-18-12
Crop Stage												
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number												
Trt-Eval Interval								8 DA-A	8 DA-A	10 DA-A	16 DA-A	10 DA-A
PRM Data Type												
# Subsamples, Dec.								- 1				
TABLE OF R MEANS												
Replicate 1								3.8	6.7	11.0	15.4	29.4
Replicate 2								3.7	7.9	10.8	15.6	30.0
Replicate 3								3.8	7.6	11.1	14.1	32.2
Replicate 4								3.8	6.3	10.7	14.9	31.1
TABLE OF A (Variety) MEANS												
1	GEORGIA-06G							3.6	7.9	11.5	14.8	29.2
2	GEORGIA GREENER							3.8	6.7	9.3	14.8	31.7
3	TIFGUARD							3.8	6.8	11.8	15.4	31.3
TABLE OF B (Pyrox Rate) MEANS												
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	3.3	10.0	11.3	15.3	0.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A	4.0	5.8	10.9	14.8	42.5
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A	4.0	5.6	10.4	14.9	49.6
TABLE OF A (Variety) B (Pyrox Rate) MEANS												
1	GEORGIA-06G											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	3.0	10.8	11.3	15.3	0.0
2	GEORGIA GREENER											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	3.5	8.0	9.5	15.0	0.0
3	TIFGUARD											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	3.5	11.3	13.3	15.5	0.0

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
Weed Code								-----	-----	-----	-----	-----
Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
Part Rated								PLANT -	PLANT -	PLANT -	PLANT -	PLANT -
Rating Data Type								INJURY	STAND	STAND	STAND	STUNTING
Rating Unit								1-4	#/3 FT	#/3 FT	#/FT	PERCENT
Rating Date								May-16-12	May-16-12	May-18-12	May-24-12	May-18-12
Crop Stage												
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number												
Trt-Eval Interval								8 DA-A	8 DA-A	10 DA-A	16 DA-A	10 DA-A
PRM Data Type												
# Subsamples, Dec.								- 1				
1	GEORGIA-06G							3.9	7.3	10.8	15.3	37.5
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
2	GEORGIA GREENER							4.0	6.0	10.3	15.0	40.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
3	TIFGUARD							4.0	4.0	11.8	14.3	50.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
1	GEORGIA-06G							4.0	5.8	12.5	14.0	50.0
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					
2	GEORGIA GREENER							4.0	6.0	8.3	14.3	55.0
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					
3	TIFGUARD							4.0	5.0	10.5	16.5	43.8
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	----- ARAHY PLANT - STUNTING PERCENT May-24-12 16 DA-A	----- ARAHY PLANT - STUNTING PERCENT Jun-12-12 35 DA-A	ARAHY PLANT - STUNTING PERCENT Jul-4-12 57 DA-A	ARAHY PLANT - STUNTING PERCENT Jul-24-12 77 DA-A	ARAHY PLANT - STUNTING PERCENT Aug-14-12 98 DA-A
TABLE OF R MEANS												
	Replicate 1							17.8	22.8	18.3	10.0	6.7
	Replicate 2							8.9	24.4	16.1	6.7	1.7
	Replicate 3							11.7	22.8	15.0	8.9	3.9
	Replicate 4							11.1	26.1	14.4	12.2	5.0
TABLE OF A (Variety) MEANS												
1	GEORGIA-06G							10.8	27.5	17.1	12.5	5.4
2	GEORGIA GREENER							13.8	24.2	17.9	9.2	4.2
3	TIFGUARD							12.5	20.4	12.9	6.7	3.3
TABLE OF B (Pyrox Rate) MEANS												
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	0.0	0.0	0.0	0.8	0.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A	13.8	31.3	18.3	8.8	5.8
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A	23.3	40.8	29.6	18.8	7.1
TABLE OF A (Variety) B (Pyrox Rate) MEANS												
1	GEORGIA-06G											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	0.0	0.0	0.0	0.0	0.0
2	GEORGIA GREENER											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	0.0	0.0	0.0	2.5	0.0
3	TIFGUARD											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	0.0	0.0	0.0	0.0	0.0

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	----- ARAHY PLANT - STUNTING PERCENT May-24-12	----- ARAHY PLANT - STUNTING PERCENT Jun-12-12	ARAHY PLANT - STUNTING PERCENT Jul-4-12	ARAHY PLANT - STUNTING PERCENT Jul-24-12	ARAHY PLANT - STUNTING PERCENT Aug-14-12
	Weed Code											
	Crop Code							ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
	Part Rated							PLANT -	PLANT -	PLANT -	PLANT -	PLANT -
	Rating Data Type							STUNTING	STUNTING	STUNTING	STUNTING	STUNTING
	Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date							May-24-12	Jun-12-12	Jul-4-12	Jul-24-12	Aug-14-12
	Crop Stage											
	Crop Stage Scale											
	Weed Stage											
	Weed Density, Unit											
	Footnote Number											
	Trt-Eval Interval							16 DA-A	35 DA-A	57 DA-A	77 DA-A	98 DA-A
	PRM Data Type											
	# Subsamples, Dec.											
1	GEORGIA-06G							12.5	32.5	16.3	11.3	7.5
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
2	GEORGIA GREENER							13.8	30.0	17.5	6.3	5.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
3	TIFGUARD							15.0	31.3	21.3	8.8	5.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
1	GEORGIA-06G							20.0	50.0	35.0	26.3	8.8
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					
2	GEORGIA GREENER							27.5	42.5	36.3	18.8	7.5
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					
3	TIFGUARD							22.5	30.0	17.5	11.3	5.0
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code					
Weed Code												
Crop Code								ARAHY		ARAHY	ARAHY	ARAHY
Part Rated								PLANT -		PLANT -	PLANT -	PLANT -
Rating Data Type								STUNTING		CHLOROSI	WIDTH	WIDTH
Rating Unit								PERCENT		1-4	CM	CM
Rating Date								Sep-4-12		Jun-12-12	Jun-12-12	Jul-4-12	Aug-14-12
Crop Stage												
Crop Stage Scale												
Weed Stage												
Weed Density, Unit												
Footnote Number												
Trt-Eval Interval								119 DA-A		35 DA-A	35 DA-A	57 DA-A	98 DA-A
PRM Data Type												
# Subsamples, Dec.										- 1			
TABLE OF R MEANS												
Replicate 1								2.8		2.1	17.4	30.60	30.71
Replicate 2								3.3		2.1	17.8	33.27	31.20
Replicate 3								4.4		2.0	17.8	36.40	31.18
Replicate 4								3.9		2.2	16.4	31.47	26.98
TABLE OF A (Variety) MEANS												
1	GEORGIA-06G							4.6		2.0	18.0	34.05	31.68
2	GEORGIA GREENER							2.9		2.3	16.8	31.33	27.87
3	TIFGUARD							3.3		1.9	17.3	33.42	30.50
TABLE OF B (Pyrox Rate) MEANS												
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	0.0		1.2	21.8	42.28	32.43
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A	4.2		2.4	16.3	30.83	29.35
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A	6.7		2.7	14.0	25.68	28.27
TABLE OF A (Variety) B (Pyrox Rate) MEANS												
1	GEORGIA-06G							0.0		1.0	23.3	45.00	34.30
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A						
2	GEORGIA GREENER							0.0		1.4	21.5	39.95	30.45
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A						
3	TIFGUARD							0.0		1.1	20.5	41.90	32.55
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A						

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code								
Weed Code									-----		-----	-----		
Crop Code									ARAHY		ARAHY	ARAHY		ARAHY
Part Rated									PLANT -		PLANT -	PLANT -		PLANT -
Rating Data Type									STUNTING		CHLOROSI	WIDTH		HEIGHT
Rating Unit									PERCENT		1-4	CM		CM
Rating Date									Sep-4-12		Jun-12-12	Jun-12-12		Jul-4-12		Aug-14-12
Crop Stage															
Crop Stage Scale															
Weed Stage															
Weed Density, Unit															
Footnote Number															
Trt-Eval Interval									119 DA-A		35 DA-A	35 DA-A		57 DA-A		98 DA-A
PRM Data Type															
# Subsamples, Dec.											- 1				
1	GEORGIA-06G								5.0		2.4	18.0		33.60		31.05
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A								
2	GEORGIA GREENER								2.5		2.5	15.0		29.85		28.20
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A								
3	TIFGUARD								5.0		2.4	16.0		29.05		28.80
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A								
1	GEORGIA-06G								8.8		2.8	12.8		23.55		29.70
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A								
2	GEORGIA GREENER								6.3		3.1	13.8		24.20		24.95
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A								
3	TIFGUARD								5.0		2.1	15.5		29.30		30.15
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A								

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	ARAHY PLANT - HEIGHT CM Sep-4-12	ARAHY POD - WEIFRE g/PLOT Sep-20-12 100 PODS	ARAHY POD - MATURI % Sep-20-12 BLACK	ARAHY POD - MATURI % Sep-20-12 BROWN	ARAHY POD - MATURI % Sep-20-12 OTHER
	Weed Code											
	Crop Code											
	Part Rated											
	Rating Data Type											
	Rating Unit											
	Rating Date											
	Crop Stage											
	Crop Stage Scale											
	Weed Stage											
	Weed Density, Unit											
	Footnote Number											
	Trt-Eval Interval							119 DA-A	135 DA-A	135 DA-A	135 DA-A	135 DA-A
	PRM Data Type											
	# Subsamples, Dec.											
	TABLE OF R MEANS											
	Replicate 1							32.98	256.61	10.6	31.7	57.8
	Replicate 2							34.47	256.56	16.4	25.1	58.4
	Replicate 3							33.42	267.67	14.7	26.0	59.3
	Replicate 4							30.62	270.66	14.9	28.9	56.2
	TABLE OF A (Variety) MEANS											
1	GEORGIA-06G							34.22	270.33	12.9	27.1	60.0
2	GEORGIA GREENER							30.73	244.42	15.2	27.8	57.0
3	TIFGUARD							33.67	273.88	14.3	28.8	56.8
	TABLE OF B (Pyrox Rate) MEANS											
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A	34.78	267.95	12.7	30.3	57.0
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A	32.48	254.63	15.6	26.7	57.8
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A	31.35	266.04	14.2	26.8	59.1
	TABLE OF A (Variety) B (Pyrox Rate) MEANS											
1	GEORGIA-06G							37.20	269.38	11.3	31.8	57.0
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A					
2	GEORGIA GREENER							32.75	259.90	13.0	32.3	54.8
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A					
3	TIFGUARD							34.40	274.58	13.8	27.0	59.3
1	ZIDUA	85	WG	0.0	OZ/A	PRE	A					

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	ARAHY PLANT - HEIGHT CM Sep-4-12 119 DA-A	ARAHY POD - WEIFRE g/PLOT Sep-20-12 100 PODS 135 DA-A	ARAHY POD - MATURI % Sep-20-12 BLACK 135 DA-A	ARAHY POD - MATURI % Sep-20-12 BROWN 135 DA-A	ARAHY POD - MATURI % Sep-20-12 OTHER 135 DA-A
1	GEORGIA-06G							33.35	271.58	12.3	25.3	62.5
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
2	GEORGIA GREENER							31.40	232.80	19.0	28.8	52.3
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
3	TIFGUARD							32.70	259.50	15.5	26.0	58.5
2	ZIDUA	85	WG	2.0	OZ/A	PRE	A					
1	GEORGIA-06G							32.10	270.03	15.3	24.3	60.5
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					
2	GEORGIA GREENER							28.05	240.55	13.5	22.5	64.0
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					
3	TIFGUARD							33.90	287.55	13.8	33.5	52.8
3	ZIDUA	85	WG	4.0	OZ/A	PRE	A					

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Crop Stage Crop Stage Scale Weed Stage Weed Density, Unit Footnote Number Trt-Eval Interval PRM Data Type # Subsamples, Dec.												ARAHY POD - MATURI % Sep-20-12 DARK COMBINED 135 DA-A		ARAHY POD - YIELD LBS/PLOT Sep-24-12 139 DA-A	ARAHY POD - YIELD LB/ACRE Sep-24-12 139 DA-A TY1 - 1	ARAHY POD - YIELD LB/ACRE Sep-24-12 10% MOIS 139 DA-A
Trt No.	Treatment Name		Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code								
TABLE OF R MEANS																
Replicate 1												42.2		24.556	7130.9	6758.70503
Replicate 2												41.6		21.200	6156.5	5834.67318
Replicate 3												40.7		21.283	6180.7	5863.07432
Replicate 4												43.8		21.377	6207.8	5893.45406
TABLE OF A (Variety) MEANS																
1	GEORGIA-06G											40.0		23.438	6806.3	6456.22354
2	GEORGIA GREENER											43.0		21.367	6204.9	5884.65353
3	TIFGUARD											43.2		21.508	6245.8	5921.55287
TABLE OF B (Pyrox Rate) MEANS																
1	ZIDUA		85	WG	0.0	OZ/A	PRE	A				43.0		23.863	6929.7	6479.24138
2	ZIDUA		85	WG	2.0	OZ/A	PRE	A				42.3		21.067	6117.8	5958.69820
3	ZIDUA		85	WG	4.0	OZ/A	PRE	A				40.9		21.383	6209.5	5824.49037
TABLE OF A (Variety) B (Pyrox Rate) MEANS																
1	GEORGIA-06G											43.0		25.350	7361.6	6883.13315
1	ZIDUA		85	WG	0.0	OZ/A	PRE	A								
2	GEORGIA GREENER											45.3		23.075	6701.0	6265.41635
1	ZIDUA		85	WG	0.0	OZ/A	PRE	A								
3	TIFGUARD											40.8		23.163	6726.4	6289.17463
1	ZIDUA		85	WG	0.0	OZ/A	PRE	A								

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	ARAHY POD - MATURI % Sep-20-12 DARK COMBINED 135 DA-A	ARAHY POD - YIELD LBS/PLOT Sep-24-12 139 DA-A	ARAHY POD - YIELD LB/ACRE Sep-24-12 139 DA-A TY1 - 1	ARAHY POD - YIELD LB/ACRE Sep-24-12 10% MOIS 139 DA-A
1	GEORGIA-06G 2 ZIDUA	85	WG	2.0	OZ/A	PRE	A	37.5	22.763	6610.2	6438.36398
2	GEORGIA GREENER 2 ZIDUA	85	WG	2.0	OZ/A	PRE	A	47.8	20.425	5931.4	5777.20308
3	TIFGUARD 2 ZIDUA	85	WG	2.0	OZ/A	PRE	A	41.5	20.013	5811.6	5660.52755
1	GEORGIA-06G 3 ZIDUA	85	WG	4.0	OZ/A	PRE	A	39.5	22.200	6446.9	6047.17350
2	GEORGIA GREENER 3 ZIDUA	85	WG	4.0	OZ/A	PRE	A	36.0	20.600	5982.2	5611.34118
3	TIFGUARD 3 ZIDUA	85	WG	4.0	OZ/A	PRE	A	47.3	21.348	6199.3	5814.95643

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT INJURY 1-4 May-16-12 8 DA-A 1

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	4.243056				
R	3	0.020833	0.006944	1.000	0.4155	0.1
A	2	0.347222	0.173611	25.000	0.0012	0.1
ERROR A	6	0.041667	0.006944	1.000	0.4552	0.1
B	2	3.347222	1.673611	241.000	0.0001	0.1
AB	4	0.361111	0.090278	13.000	0.0001	0.1
ERROR B	18	0.125000	0.006944			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT INJURY 1-4 May-16-12 8 DA-A 1

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	4.243056				
R	3	0.020833	0.006944	1.000	0.4098	0.1
A	2	0.347222	0.173611	25.000	0.0001	0.1
B	2	3.347222	1.673611	241.000	0.0001	0.1
AB	4	0.361111	0.090278	13.000	0.0001	0.1
ERROR	24	0.166667	0.006944			

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT STAND #/3 FT May-16-12 8 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	311.555556				
R	3	14.444444	4.814815	1.241	0.3241	1.6
A	2	11.722222	5.861111	1.224	0.3582	1.7
ERROR A	6	28.722222	4.787037	1.234	0.3352	2.8
B	2	150.388889	75.194444	19.382	0.0001	1.4
AB	4	36.444444	9.111111	2.348	0.0933	2.4
ERROR B	18	69.833333	3.879630			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT STAND #/3 FT May-16-12 8 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	311.555556				
R	3	14.444444	4.814815	1.172	0.3409	1.6
A	2	11.722222	5.861111	1.427	0.2596	1.4
B	2	150.388889	75.194444	18.311	0.0001	1.4
AB	4	36.444444	9.111111	2.219	0.0972	2.5
ERROR	24	98.555556	4.106481			

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT STAND #/3 FT May-18-12 10 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	133.555556				
R	3	1.111111	0.370370	0.169	0.9161	1.2
A	2	44.222222	22.111111	7.024	0.0268	1.4
ERROR A	6	18.888889	3.148148	1.435	0.2558	2.1
B	2	5.055556	2.527778	1.152	0.3383	1.0
AB	4	24.777778	6.194444	2.823	0.0559	1.8
ERROR B	18	39.500000	2.194444			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT STAND #/3 FT May-18-12 10 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	133.555556				
R	3	1.111111	0.370370	0.152	0.9272	1.3
A	2	44.222222	22.111111	9.088	0.0012	1.1
B	2	5.055556	2.527778	1.039	0.3692	1.1
AB	4	24.777778	6.194444	2.546	0.0656	1.9
ERROR	24	58.388889	2.432870			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT STAND #/FT May-24-12 16 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	122.000000				
R	3	11.777778	3.925926	0.881	0.4693	1.7
A	2	3.166667	1.583333	0.859	0.4697	1.1
ERROR A	6	11.055556	1.842593	0.414	0.8603	3.0
B	2	1.166667	0.583333	0.131	0.8781	1.5
AB	4	14.666667	3.666667	0.823	0.5273	2.6
ERROR B	18	80.166667	4.453704			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT STAND #/FT May-24-12 16 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	122.000000				
R	3	11.777778	3.925926	1.033	0.3957	1.6
A	2	3.166667	1.583333	0.417	0.6640	1.4
B	2	1.166667	0.583333	0.153	0.8586	1.4
AB	4	14.666667	3.666667	0.965	0.4449	2.4
ERROR	24	91.222222	3.800926			

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT STUNTING PERCENT May-18-12 10 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	18557.638889				
R	3	40.972222	13.657407	0.465	0.7106	4.4
A	2	43.055556	21.527778	1.045	0.4080	3.6
ERROR A	6	123.611111	20.601852	0.701	0.6527	7.7
B	2	17259.722222	8629.861111	293.551	0.0001	3.8
AB	4	561.111111	140.277778	4.772	0.0084	6.6
ERROR B	18	529.166667	29.398148			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT STUNTING PERCENT May-18-12 10 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	18557.638889				
R	3	40.972222	13.657407	0.502	0.6844	4.2
A	2	43.055556	21.527778	0.791	0.4646	3.6
B	2	17259.722222	8629.861111	317.285	0.0001	3.6
AB	4	561.111111	140.277778	5.157	0.0038	6.3
ERROR	24	652.777778	27.199074			

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT STUNTING PERCENT May-24-12 16 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	4824.305556				
R	3	390.972222	130.324074	2.459	0.0960	6.0
A	2	51.388889	25.694444	3.171	0.1149	2.3
ERROR A	6	48.611111	8.101852	0.153	0.9860	10.3
B	2	3301.388889	1650.694444	31.140	0.0001	5.2
AB	4	77.777778	19.444444	0.367	0.8291	8.9
ERROR B	18	954.166667	53.009259			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT STUNTING PERCENT May-24-12 16 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	4824.305556				
R	3	390.972222	130.324074	3.119	0.0448	5.2
A	2	51.388889	25.694444	0.615	0.5490	4.5
B	2	3301.388889	1650.694444	39.507	0.0001	4.5
AB	4	77.777778	19.444444	0.465	0.7605	7.8
ERROR	24	1002.777778	41.782407			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT STUNTING PERCENT Jun-12-12 35 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	12540.972222				
R	3	68.750000	22.916667	0.780	0.5207	4.4
A	2	301.388889	150.694444	5.293	0.0473	4.2
ERROR A	6	170.833333	28.472222	0.969	0.4738	7.7
B	2	10943.055556	5471.527778	186.118	0.0001	3.8
AB	4	527.777778	131.944444	4.488	0.0109	6.6
ERROR B	18	529.166667	29.398148			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT STUNTING PERCENT Jun-12-12 35 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	12540.972222				
R	3	68.750000	22.916667	0.786	0.5136	4.4
A	2	301.388889	150.694444	5.167	0.0136	3.8
B	2	10943.055556	5471.527778	187.595	0.0001	3.8
AB	4	527.777778	131.944444	4.524	0.0073	6.5
ERROR	24	700.000000	29.166667			

COMPLETE SPLIT-PLOT AOV For ARAHY PLANT STUNTING PERCENT Jul-4-12 57 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	7290.972222				
R	3	79.861111	26.620370	0.772	0.5248	4.8
A	2	172.222222	86.111111	1.691	0.2616	5.7
ERROR A	6	305.555556	50.925926	1.477	0.2417	8.3
B	2	5351.388889	2675.694444	77.577	0.0001	4.2
AB	4	761.111111	190.277778	5.517	0.0044	7.2
ERROR B	18	620.833333	34.490741			

FACTORIAL/POOLED ERROR AOV For ARAHY PLANT STUNTING PERCENT Jul-4-12 57 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	7290.972222				
R	3	79.861111	26.620370	0.690	0.5672	5.0
A	2	172.222222	86.111111	2.231	0.1292	4.3
B	2	5351.388889	2675.694444	69.319	0.0001	4.3
AB	4	761.111111	190.277778	4.930	0.0048	7.5
ERROR	24	926.388889	38.599537			

COMPLETE SPLIT-PLOT AOV For ARAHY PLANT STUNTING PERCENT Jul-24-12 77 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	3038.888889				
R	3	144.444444	48.148148	2.849	0.0664	3.4
A	2	205.555556	102.777778	4.440	0.0656	3.8
ERROR A	6	138.888889	23.148148	1.370	0.2792	5.8
B	2	1934.722222	967.361111	57.247	0.0001	2.9
AB	4	311.111111	77.777778	4.603	0.0098	5.0
ERROR B	18	304.166667	16.898148			

FACTORIAL/POOLED ERROR AOV For ARAHY PLANT STUNTING PERCENT Jul-24-12 77 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	3038.888889				
R	3	144.444444	48.148148	2.608	0.0749	3.5
A	2	205.555556	102.777778	5.567	0.0103	3.0
B	2	1934.722222	967.361111	52.401	0.0001	3.0
AB	4	311.111111	77.777778	4.213	0.0101	5.2
ERROR	24	443.055556	18.460648			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ARAHY PLANT STUNTING PERCENT Aug-14-12 98 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	707.638889				
R	3	118.750000	39.583333	4.171	0.0209	2.5
A	2	26.388889	13.194444	2.714	0.1447	1.7
ERROR A	6	29.166667	4.861111	0.512	0.7914	4.4
B	2	343.055556	171.527778	18.073	0.0001	2.2
AB	4	19.444444	4.861111	0.512	0.7276	3.8
ERROR B	18	170.833333	9.490741			

FACTORIAL/POOLED ERROR AOV For ARAHY PLANT STUNTING PERCENT Aug-14-12 98 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	707.638889				
R	3	118.750000	39.583333	4.750	0.0097	2.3
A	2	26.388889	13.194444	1.583	0.2260	2.0
B	2	343.055556	171.527778	20.583	0.0001	2.0
AB	4	19.444444	4.861111	0.583	0.6777	3.5
ERROR	24	200.000000	8.333333			

COMPLETE SPLIT-PLOT AOV For ARAHY PLANT STUNTING PERCENT Sep-4-12 119 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	630.555556				
R	3	13.888889	4.629630	0.313	0.8161	3.1
A	2	18.055556	9.027778	1.696	0.2608	1.8
ERROR A	6	31.944444	5.324074	0.359	0.8950	5.4
B	2	272.222222	136.111111	9.188	0.0018	2.7
AB	4	27.777778	6.944444	0.469	0.7579	4.7
ERROR B	18	266.666667	14.814815			

FACTORIAL/POOLED ERROR AOV For ARAHY PLANT STUNTING PERCENT Sep-4-12 119 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	630.555556				
R	3	13.888889	4.629630	0.372	0.7739	2.8
A	2	18.055556	9.027778	0.726	0.4944	2.5
B	2	272.222222	136.111111	10.940	0.0004	2.5
AB	4	27.777778	6.944444	0.558	0.6951	4.3
ERROR	24	298.611111	12.442130			

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT CHLOROSI 1-4 Jun-12-12 35 DA-A 1

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	20.750000				
R	3	0.138889	0.046296	0.323	0.8090	0.3
A	2	1.291667	0.645833	25.364	0.0012	0.1
ERROR A	6	0.152778	0.025463	0.177	0.9795	0.5
B	2	15.500000	7.750000	54.000	0.0001	0.3
AB	4	1.083333	0.270833	1.887	0.1565	0.5
ERROR B	18	2.583333	0.143519			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT CHLOROSI 1-4 Jun-12-12 35 DA-A 1

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	20.750000				
R	3	0.138889	0.046296	0.406	0.7500	0.3
A	2	1.291667	0.645833	5.665	0.0097	0.2
B	2	15.500000	7.750000	67.980	0.0001	0.2
AB	4	1.083333	0.270833	2.376	0.0804	0.4
ERROR	24	2.736111	0.114005			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT WIDTH CM Jun-12-12 35 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	474.305556				
R	3	10.750000	3.583333	2.174	0.1264	1.0
A	2	9.388889	4.694444	5.828	0.0392	0.7
ERROR A	6	4.833333	0.805556	0.489	0.8082	1.8
B	2	379.388889	189.694444	115.096	0.0001	0.9
AB	4	40.277778	10.069444	6.110	0.0027	1.6
ERROR B	18	29.666667	1.648148			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT WIDTH CM Jun-12-12 35 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	474.305556				
R	3	10.750000	3.583333	2.493	0.0843	1.0
A	2	9.388889	4.694444	3.266	0.0557	0.8
B	2	379.388889	189.694444	131.961	0.0001	0.8
AB	4	40.277778	10.069444	7.005	0.0007	1.5
ERROR	24	34.500000	1.437500			

COMPLETE SPLIT-PLOT AOV For ----- ARAHY PLANT WIDTH CM Jul-4-12 57 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	2651.280000				
R	3	177.520000	59.173333	2.047	0.1433	4.40
A	2	48.486667	24.243333	3.444	0.1009	2.10
ERROR A	6	42.233333	7.038889	0.243	0.9558	7.61
B	2	1732.740000	866.370000	29.969	0.0001	3.81
AB	4	129.933333	32.483333	1.124	0.3764	6.59
ERROR B	18	520.366667	28.909259			

FACTORIAL/POOLED ERROR AOV For ----- ARAHY PLANT WIDTH CM Jul-4-12 57 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	2651.280000				
R	3	177.520000	59.173333	2.524	0.0816	3.91
A	2	48.486667	24.243333	1.034	0.3708	3.38
B	2	1732.740000	866.370000	36.959	0.0001	3.38
AB	4	129.933333	32.483333	1.386	0.2686	5.86
ERROR	24	562.600000	23.441667			

COMPLETE SPLIT-PLOT AOV For ARAHY PLANT HEIGHT CM Aug-14-12 98 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	457.870000				
R	3	112.190000	37.396667	6.401	0.0038	1.98
A	2	91.606667	45.803333	19.417	0.0024	1.22
ERROR A	6	14.153333	2.358889	0.404	0.8669	3.42
B	2	112.166667	56.083333	9.599	0.0015	1.71
AB	4	22.586667	5.646667	0.966	0.4498	2.96
ERROR B	18	105.166667	5.842593			

FACTORIAL/POOLED ERROR AOV For ARAHY PLANT HEIGHT CM Aug-14-12 98 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	457.870000				
R	3	112.190000	37.396667	7.522	0.0010	1.80
A	2	91.606667	45.803333	9.213	0.0011	1.56
B	2	112.166667	56.083333	11.281	0.0004	1.56
AB	4	22.586667	5.646667	1.136	0.3634	2.70
ERROR	24	119.320000	4.971667			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ARAHY PLANT HEIGHT CM Sep-4-12 119 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	403.292222				
R	3	71.265556	23.755185	3.867	0.0269	2.03
A	2	84.162222	42.081111	9.079	0.0153	1.71
ERROR A	6	27.811111	4.635185	0.755	0.6142	3.51
B	2	73.448889	36.724444	5.978	0.0102	1.75
AB	4	36.031111	9.007778	1.466	0.2537	3.04
ERROR B	18	110.573333	6.142963			

FACTORIAL/POOLED ERROR AOV For ARAHY PLANT HEIGHT CM Sep-4-12 119 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	403.292222				
R	3	71.265556	23.755185	4.120	0.0172	1.94
A	2	84.162222	42.081111	7.298	0.0033	1.68
B	2	73.448889	36.724444	6.369	0.0060	1.68
AB	4	36.031111	9.007778	1.562	0.2165	2.91
ERROR	24	138.384444	5.766019			

COMPLETE SPLIT-PLOT AOV For ARAHY POD WEIFRE g/PLOT Sep-20-12 100 PODS 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	16430.887222				
R	3	1465.423889	488.474630	1.825	0.1787	13.37
A	2	6206.550556	3103.275278	23.369	0.0015	9.14
ERROR A	6	796.759444	132.793241	0.496	0.8029	23.16
B	2	1246.150556	623.075278	2.328	0.1261	11.58
AB	4	1899.141111	474.785278	1.774	0.1780	20.06
ERROR B	18	4816.861667	267.603426			

FACTORIAL/POOLED ERROR AOV For ARAHY POD WEIFRE g/PLOT Sep-20-12 100 PODS 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	16430.887222				
R	3	1465.423889	488.474630	2.088	0.1283	12.34
A	2	6206.550556	3103.275278	13.267	0.0001	10.68
B	2	1246.150556	623.075278	2.664	0.0902	10.68
AB	4	1899.141111	474.785278	2.030	0.1222	18.50
ERROR	24	5613.621111	233.900880			

COMPLETE SPLIT-PLOT AOV For ARAHY POD MATURI % Sep-20-12 BLACK 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	758.305556				
R	3	170.972222	56.990741	4.681	0.0138	2.9
A	2	31.055556	15.527778	0.453	0.6557	4.6
ERROR A	6	205.611111	34.268519	2.814	0.0412	4.9
B	2	51.055556	25.527778	2.097	0.1519	2.5
AB	4	80.444444	20.111111	1.652	0.2049	4.3
ERROR B	18	219.166667	12.175926			

FACTORIAL/POOLED ERROR AOV For ARAHY POD MATURI % Sep-20-12 BLACK 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	758.305556				
R	3	170.972222	56.990741	3.220	0.0406	3.4
A	2	31.055556	15.527778	0.877	0.4288	2.9
B	2	51.055556	25.527778	1.442	0.2561	2.9
AB	4	80.444444	20.111111	1.136	0.3632	5.1
ERROR	24	424.777778	17.699074			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ARAHY POD MATURI % Sep-20-12 BROWN 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1274.750000				
R	3	238.972222	79.657407	4.623	0.0144	3.4
A	2	18.500000	9.250000	0.225	0.8049	5.1
ERROR A	6	246.611111	41.101852	2.385	0.0714	5.9
B	2	105.166667	52.583333	3.052	0.0722	2.9
AB	4	355.333333	88.833333	5.155	0.0060	5.1
ERROR B	18	310.166667	17.231481			

FACTORIAL/POOLED ERROR AOV For ARAHY POD MATURI % Sep-20-12 BROWN 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1274.750000				
R	3	238.972222	79.657407	3.434	0.0329	3.9
A	2	18.500000	9.250000	0.399	0.6755	3.4
B	2	105.166667	52.583333	2.267	0.1254	3.4
AB	4	355.333333	88.833333	3.829	0.0152	5.8
ERROR	24	556.777778	23.199074			

COMPLETE SPLIT-PLOT AOV For ARAHY POD MATURI % Sep-20-12 OTHER 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1727.888889				
R	3	46.555556	15.518519	0.436	0.7301	4.9
A	2	76.222222	38.111111	0.462	0.6504	7.2
ERROR A	6	494.444444	82.407407	2.314	0.0783	8.4
B	2	26.722222	13.361111	0.375	0.6924	4.2
AB	4	442.944444	110.736111	3.110	0.0414	7.3
ERROR B	18	641.000000	35.611111			

FACTORIAL/POOLED ERROR AOV For ARAHY POD MATURI % Sep-20-12 OTHER 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1727.888889				
R	3	46.555556	15.518519	0.328	0.8051	5.5
A	2	76.222222	38.111111	0.806	0.4586	4.8
B	2	26.722222	13.361111	0.282	0.7564	4.8
AB	4	442.944444	110.736111	2.341	0.0839	8.3
ERROR	24	1135.444444	47.310185			

COMPLETE SPLIT-PLOT AOV For ARAHY POD MATURI % Sep-20-12 DARK COMBINED 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1727.888889				
R	3	46.555556	15.518519	0.436	0.7301	4.9
A	2	76.222222	38.111111	0.462	0.6504	7.2
ERROR A	6	494.444444	82.407407	2.314	0.0783	8.4
B	2	26.722222	13.361111	0.375	0.6924	4.2
AB	4	442.944444	110.736111	3.110	0.0414	7.3
ERROR B	18	641.000000	35.611111			

FACTORIAL/POOLED ERROR AOV For ARAHY POD MATURI % Sep-20-12 DARK COMBINED 135 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1727.888889				
R	3	46.555556	15.518519	0.328	0.8051	5.5
A	2	76.222222	38.111111	0.806	0.4586	4.8
B	2	26.722222	13.361111	0.282	0.7564	4.8
AB	4	442.944444	110.736111	2.341	0.0839	8.3
ERROR	24	1135.444444	47.310185			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA
Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

COMPLETE SPLIT-PLOT AOV For ARAHY POD YIELD LBS/PLOT Sep-24-12 139 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	374.385056				
R	3	72.268633	24.089544	2.217	0.1212	2.694
A	2	32.132339	16.066169	6.753	0.0291	1.223
ERROR A	6	14.274350	2.379058	0.219	0.9656	4.667
B	2	56.267339	28.133669	2.590	0.1027	2.333
AB	4	3.881678	0.970419	0.089	0.9846	4.041
ERROR B	18	195.560717	10.864484			

FACTORIAL/POOLED ERROR AOV For ARAHY POD YIELD LBS/PLOT Sep-24-12 139 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	374.385056				
R	3	72.268633	24.089544	2.755	0.0645	2.385
A	2	32.132339	16.066169	1.838	0.1809	2.065
B	2	56.267339	28.133669	3.218	0.0578	2.065
AB	4	3.881678	0.970419	0.111	0.9775	3.577
ERROR	24	209.835067	8.743128			

COMPLETE SPLIT-PLOT AOV For ARAHY POD YIELD LB/ACRE Sep-24-12 139 DA-A TY1 1

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	31572700.406720				
R	3	6094569.949248	2031523.316416	2.217	0.1212	782.4
A	2	2709789.544352	1354894.772176	6.753	0.0291	355.3
ERROR A	6	1203786.768096	200631.128016	0.219	0.9656	1355.2
B	2	4745146.225952	2372573.112976	2.590	0.1027	677.6
AB	4	327350.271424	81837.567856	0.089	0.9846	1173.6
ERROR B	18	16492057.647648	916225.424869			

FACTORIAL/POOLED ERROR AOV For ARAHY POD YIELD LB/ACRE Sep-24-12 139 DA-A TY1 1

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	31572700.406720				
R	3	6094569.949248	2031523.316416	2.755	0.0645	692.6
A	2	2709789.544352	1354894.772176	1.838	0.1809	599.8
B	2	4745146.225952	2372573.112976	3.218	0.0578	599.8
AB	4	327350.271424	81837.567856	0.111	0.9775	1038.9
ERROR	24	17695844.415744	737326.850656			

COMPLETE SPLIT-PLOT AOV For ARAHY POD YIELD LB/ACRE Sep-24-12 10% MOIS 139 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	26718179.689431				
R	3	5422124.790242	1807374.930081	2.232	0.1194	735.49954
A	2	2455706.263726	1227853.131863	6.795	0.0287	337.19336
ERROR A	6	1084213.826725	180702.304454	0.223	0.9640	1273.92258
B	2	2870703.289922	1435351.644961	1.773	0.1982	636.96129
AB	4	312340.940810	78085.235202	0.096	0.9823	1103.24932
ERROR B	18	14573090.578005	809616.143223			

FACTORIAL/POOLED ERROR AOV For ARAHY POD YIELD LB/ACRE Sep-24-12 10% MOIS 139 DA-A

Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	26718179.689431				
R	3	5422124.790242	1807374.930081	2.770	0.0635	651.47330
A	2	2455706.263726	1227853.131863	1.882	0.1741	564.19243
B	2	2870703.289922	1435351.644961	2.200	0.1326	564.19243
AB	4	312340.940810	78085.235202	0.120	0.9741	977.20995
ERROR	24	15657304.404730	652387.683530			

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	----- ARAHY PLANT - INJURY 1-4 May-16-12 8 DA-A - 1	----- ARAHY PLANT - STAND #/3 FT May-16-12 8 DA-A	----- ARAHY PLANT - STAND #/3 FT May-18-12 10 DA-A	----- ARAHY PLANT - STAND #/FT May-24-12 16 DA-A	----- ARAHY PLANT - STUNTING PERCENT May-18-12 10 DA-A
1	GEORGIA-06G							101	3.0	11.0	13.0	15.0	0.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	207	3.0	10.0	8.0	17.0	0.0
								304	3.0	13.0	14.0	16.0	0.0
								407	3.0	9.0	10.0	13.0	0.0
								Mean =	3.0	10.8	11.3	15.3	0.0
2	GEORGIA-06G							104	4.0	8.0	12.0	16.0	35.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	201	3.5	5.0	11.0	18.0	40.0
								307	4.0	9.0	9.0	14.0	35.0
								404	4.0	7.0	11.0	13.0	40.0
								Mean =	3.9	7.3	10.8	15.3	37.5
3	GEORGIA-06G							107	4.0	4.0	13.0	14.0	50.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	204	4.0	10.0	12.0	14.0	50.0
								301	4.0	7.0	13.0	12.0	50.0
								401	4.0	2.0	12.0	16.0	50.0
								Mean =	4.0	5.8	12.5	14.0	50.0
4	GEORGIA GREENER							102	3.5	7.0	9.0	17.0	0.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	208	3.5	9.0	11.0	16.0	0.0
								305	3.5	7.0	9.0	12.0	0.0
								402	3.5	9.0	9.0	15.0	0.0
								Mean =	3.5	8.0	9.5	15.0	0.0
5	GEORGIA GREENER							105	4.0	3.0	12.0	16.0	50.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	202	4.0	8.0	10.0	18.0	30.0
								308	4.0	8.0	10.0	12.0	40.0
								405	4.0	5.0	9.0	14.0	40.0
								Mean =	4.0	6.0	10.3	15.0	40.0
6	GEORGIA GREENER							108	4.0	5.0	7.0	12.0	50.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	205	4.0	9.0	8.0	12.0	60.0
								302	4.0	4.0	11.0	16.0	60.0
								408	4.0	6.0	7.0	17.0	50.0
								Mean =	4.0	6.0	8.3	14.3	55.0

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot					
	Weed Code								-----	-----	-----	-----	-----
	Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
	Part Rated								PLANT -	PLANT -	PLANT -	PLANT -	PLANT -
	Rating Data Type								INJURY	STAND	STAND	STAND	STUNTING
	Rating Unit								1-4	#/3 FT	#/3 FT	#/FT	PERCENT
	Rating Date								May-16-12	May-16-12	May-18-12	May-24-12	May-18-12
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								8 DA-A	8 DA-A	10 DA-A	16 DA-A	10 DA-A
	PRM Data Type												
	# Subsamples, Dec.								- 1				
7	TIFGUARD							103	3.5	11.0	11.0	16.0	0.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	209	3.5	10.0	14.0	14.0	0.0
								306	3.5	12.0	13.0	16.0	0.0
								403	3.5	12.0	15.0	16.0	0.0
								Mean =	3.5	11.3	13.3	15.5	0.0
8	TIFGUARD							106	4.0	3.0	11.0	17.0	45.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	203	4.0	6.0	12.0	13.0	55.0
								309	4.0	3.0	11.0	13.0	50.0
								406	4.0	4.0	13.0	14.0	50.0
								Mean =	4.0	4.0	11.8	14.3	50.0
9	TIFGUARD							109	4.0	8.0	11.0	16.0	35.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	206	4.0	4.0	11.0	18.0	35.0
								303	4.0	5.0	10.0	16.0	55.0
								409	4.0	3.0	10.0	16.0	50.0
								Mean =	4.0	5.0	10.5	16.5	43.8

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	-----	-----			
	Weed Code												
	Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
	Part Rated								PLANT	PLANT	PLANT	PLANT	PLANT
	Rating Data Type								STUNTING	STUNTING	STUNTING	STUNTING	STUNTING
	Rating Unit								PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date								May-24-12	Jun-12-12	Jul-4-12	Jul-24-12	Aug-14-12
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								16 DA-A	35 DA-A	57 DA-A	77 DA-A	98 DA-A
	PRM Data Type												
	# Subsamples, Dec.												
1	GEORGIA-06G							101	0.0	0.0	0.0	0.0	0.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	207	0.0	0.0	0.0	0.0	0.0
								304	0.0	0.0	0.0	0.0	0.0
								407	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	GEORGIA-06G							104	20.0	40.0	20.0	15.0	10.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	201	0.0	30.0	10.0	10.0	5.0
								307	15.0	30.0	20.0	10.0	5.0
								404	15.0	30.0	15.0	10.0	10.0
								Mean =	12.5	32.5	16.3	11.3	7.5
3	GEORGIA-06G							107	25.0	50.0	40.0	25.0	15.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	204	20.0	55.0	40.0	30.0	5.0
								301	20.0	45.0	30.0	20.0	5.0
								401	15.0	50.0	30.0	30.0	10.0
								Mean =	20.0	50.0	35.0	26.3	8.8
4	GEORGIA GREENER							102	0.0	0.0	0.0	0.0	0.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	208	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0
								402	0.0	0.0	0.0	10.0	0.0
								Mean =	0.0	0.0	0.0	2.5	0.0
5	GEORGIA GREENER							105	30.0	30.0	20.0	10.0	10.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	202	0.0	30.0	20.0	0.0	0.0
								308	10.0	30.0	15.0	5.0	5.0
								405	15.0	30.0	15.0	10.0	5.0
								Mean =	13.8	30.0	17.5	6.3	5.0
6	GEORGIA GREENER							108	35.0	40.0	40.0	15.0	10.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	205	30.0	45.0	50.0	20.0	5.0
								302	25.0	35.0	35.0	20.0	5.0
								408	20.0	50.0	20.0	20.0	10.0
								Mean =	27.5	42.5	36.3	18.8	7.5

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	-----	-----			
	Weed Code												
	Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
	Part Rated								PLANT -	PLANT -	PLANT -	PLANT -	PLANT -
	Rating Data Type								STUNTING	STUNTING	STUNTING	STUNTING	STUNTING
	Rating Unit								PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
	Rating Date								May-24-12	Jun-12-12	Jul-4-12	Jul-24-12	Aug-14-12
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								16 DA-A	35 DA-A	57 DA-A	77 DA-A	98 DA-A
	PRM Data Type												
	# Subsamples, Dec.												
7	TIFGUARD							103	0.0	0.0	0.0	0.0	0.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	209	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0
								403	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
8	TIFGUARD							106	30.0	30.0	30.0	15.0	10.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	203	0.0	35.0	15.0	0.0	0.0
								309	15.0	30.0	20.0	10.0	10.0
								406	15.0	30.0	20.0	10.0	0.0
								Mean =	15.0	31.3	21.3	8.8	5.0
9	TIFGUARD							109	20.0	15.0	15.0	10.0	5.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	206	30.0	25.0	10.0	0.0	0.0
								303	20.0	35.0	15.0	15.0	5.0
								409	20.0	45.0	30.0	20.0	10.0
								Mean =	22.5	30.0	17.5	11.3	5.0

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	ARAHY PLANT - STUNTING PERCENT Sep-4-12	ARAHY PLANT - CHLOROSI 1-4 Jun-12-12	ARAHY PLANT - WIDTH CM Jun-12-12	ARAHY PLANT - WIDTH CM Jul-4-12	ARAHY PLANT - HEIGHT CM Aug-14-12
	Weed Code												
	Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
	Part Rated												
	Rating Data Type												
	Rating Unit												
	Rating Date												
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								119 DA-A	35 DA-A	35 DA-A	57 DA-A	98 DA-A
	PRM Data Type												
	# Subsamples, Dec.									- 1			
1	GEORGIA-06G							101	0.0	1.0	23.0	35.80	34.00
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	207	0.0	1.0	24.0	45.80	35.60
								304	0.0	1.0	23.0	50.20	37.20
								407	0.0	1.0	23.0	48.20	30.40
								Mean =	0.0	1.0	23.3	45.00	34.30
2	GEORGIA-06G							104	0.0	2.5	18.0	34.80	32.60
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	201	10.0	2.0	20.0	42.40	33.00
								307	5.0	2.5	18.0	30.60	29.80
								404	5.0	2.5	16.0	26.60	28.80
								Mean =	5.0	2.4	18.0	33.60	31.05
3	GEORGIA-06G							107	10.0	2.5	12.0	25.20	30.80
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	204	5.0	3.0	12.0	19.60	30.80
								301	10.0	2.5	14.0	27.20	32.20
								401	10.0	3.0	13.0	22.20	25.00
								Mean =	8.8	2.8	12.8	23.55	29.70
4	GEORGIA GREENER							102	0.0	1.5	22.0	31.80	31.80
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	208	0.0	1.0	22.0	42.60	31.20
								305	0.0	1.5	22.0	47.80	34.20
								402	0.0	1.5	20.0	37.60	24.60
								Mean =	0.0	1.4	21.5	39.95	30.45
5	GEORGIA GREENER							105	5.0	2.5	14.0	27.00	27.00
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	202	0.0	2.5	16.0	30.40	28.80
								308	5.0	2.5	16.0	31.00	28.80
								405	0.0	2.5	14.0	31.00	28.20
								Mean =	2.5	2.5	15.0	29.85	28.20
6	GEORGIA GREENER							108	5.0	3.0	16.0	23.20	27.00
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	205	10.0	3.5	12.0	20.60	23.60
								302	5.0	3.0	15.0	29.00	26.60
								408	5.0	3.0	12.0	24.00	22.60
								Mean =	6.3	3.1	13.8	24.20	24.95

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	ARAHY PLANT - STUNTING PERCENT Sep-4-12	ARAHY PLANT - CHLOROSI 1-4 Jun-12-12	ARAHY PLANT - WIDTH CM Jun-12-12	ARAHY PLANT - WIDTH CM Jul-4-12	ARAHY PLANT - HEIGHT CM Aug-14-12
	Weed Code												
	Crop Code								ARAHY	ARAHY	ARAHY	ARAHY	ARAHY
	Part Rated								PLANT -	PLANT -	PLANT -	PLANT -	PLANT -
	Rating Data Type								STUNTING	CHLOROSI	WIDTH	WIDTH	HEIGHT
	Rating Unit								PERCENT	1-4	CM	CM	CM
	Rating Date								Sep-4-12	Jun-12-12	Jun-12-12	Jul-4-12	Aug-14-12
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								119 DA-A	35 DA-A	35 DA-A	57 DA-A	98 DA-A
	PRM Data Type												
	# Subsamples, Dec.									- 1			
7	TIFGUARD							103	0.0	1.5	20.0	36.40	33.00
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	209	0.0	1.0	21.0	42.60	31.80
								306	0.0	1.0	21.0	47.60	35.00
								403	0.0	1.0	20.0	41.00	30.40
								Mean =	0.0	1.1	20.5	41.90	32.55
8	TIFGUARD							106	5.0	3.0	15.0	23.00	27.00
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	203	5.0	2.5	16.0	29.00	32.80
								309	10.0	2.0	16.0	35.00	26.40
								406	0.0	2.0	17.0	29.20	29.00
								Mean =	5.0	2.4	16.0	29.05	28.80
9	TIFGUARD							109	0.0	1.5	17.0	38.20	33.20
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	206	0.0	2.0	17.0	26.40	33.20
								303	5.0	2.0	15.0	29.20	30.40
								409	15.0	3.0	13.0	23.40	23.80
								Mean =	5.0	2.1	15.5	29.30	30.15

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	ARAHY PLANT - HEIGHT CM Sep-4-12	ARAHY POD - WEIFRE g/PLOT Sep-20-12 100 PODS	ARAHY POD - MATURI % Sep-20-12 BLACK	ARAHY POD - MATURI % Sep-20-12 BROWN	ARAHY POD - MATURI % Sep-20-12 OTHER
	Weed Code												
	Crop Code												
	Part Rated												
	Rating Data Type												
	Rating Unit												
	Rating Date												
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								119 DA-A	135 DA-A	135 DA-A	135 DA-A	135 DA-A
	PRM Data Type												
	# Subsamples, Dec.												
1	GEORGIA-06G							101	37.60	260.20	6.0	34.0	60.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	207	37.40	275.40	15.0	29.0	56.0
								304	38.40	286.60	13.0	31.0	56.0
								407	35.40	255.30	11.0	33.0	56.0
								Mean =	37.20	269.38	11.3	31.8	57.0
2	GEORGIA-06G							104	35.80	252.80	6.0	30.0	64.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	201	34.60	254.40	20.0	23.0	57.0
								307	33.20	281.20	7.0	27.0	66.0
								404	29.80	297.90	16.0	21.0	63.0
								Mean =	33.35	271.58	12.3	25.3	62.5
3	GEORGIA-06G							107	33.00	269.00	5.0	20.0	75.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	204	32.20	268.00	20.0	26.0	54.0
								301	33.60	280.20	16.0	27.0	57.0
								401	29.60	262.90	20.0	24.0	56.0
								Mean =	32.10	270.03	15.3	24.3	60.5
4	GEORGIA GREENER							102	33.40	230.20	6.0	34.0	60.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	208	34.20	257.60	11.0	32.0	57.0
								305	33.40	281.20	19.0	24.0	57.0
								402	30.00	270.60	16.0	39.0	45.0
								Mean =	32.75	259.90	13.0	32.3	54.8
5	GEORGIA GREENER							105	30.20	235.50	17.0	34.0	49.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	202	33.40	244.50	19.0	31.0	50.0
								308	31.40	223.90	16.0	18.0	66.0
								405	30.60	227.30	24.0	32.0	44.0
								Mean =	31.40	232.80	19.0	28.8	52.3
6	GEORGIA GREENER							108	26.20	241.50	10.0	31.0	59.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	205	27.60	222.80	16.0	18.0	66.0
								302	31.60	238.50	16.0	20.0	64.0
								408	26.80	259.40	12.0	21.0	67.0
								Mean =	28.05	240.55	13.5	22.5	64.0

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	ARAHY PLANT - HEIGHT CM Sep-4-12	ARAHY POD - WEIFRE g/PLOT Sep-20-12 100 PODS	ARAHY POD - MATURI % Sep-20-12 BLACK	ARAHY POD - MATURI % Sep-20-12 BROWN	ARAHY POD - MATURI % Sep-20-12 OTHER
	Weed Code												
	Crop Code												
	Part Rated												
	Rating Data Type												
	Rating Unit												
	Rating Date												
	Crop Stage												
	Crop Stage Scale												
	Weed Stage												
	Weed Density, Unit												
	Footnote Number												
	Trt-Eval Interval								119 DA-A	135 DA-A	135 DA-A	135 DA-A	135 DA-A
	PRM Data Type												
	# Subsamples, Dec.												
7	TIFGUARD							103	33.60	265.70	10.0	29.0	61.0
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	209	36.20	261.30	17.0	27.0	56.0
								306	36.40	281.10	16.0	27.0	57.0
								403	31.40	290.20	12.0	25.0	63.0
								Mean =	34.40	274.58	13.8	27.0	59.3
8	TIFGUARD							106	29.20	267.00	20.0	32.0	48.0
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	203	37.20	253.30	13.0	19.0	68.0
								309	29.40	232.90	15.0	26.0	59.0
								406	35.00	284.80	14.0	27.0	59.0
								Mean =	32.70	259.50	15.5	26.0	58.5
9	TIFGUARD							109	37.80	.	15.0	41.0	44.0
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	206	37.40	271.70	17.0	21.0	62.0
								303	33.40	303.40	14.0	34.0	52.0
								409	27.00	.	9.0	38.0	53.0
								Mean =	33.90	287.55	13.8	33.5	52.8

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	ARAHY POD - MATURI % Sep-20-12 DARK COMBINED 135 DA-A	ARAHY POD - YIELD LBS/PLOT Sep-24-12 139 DA-A	ARAHY POD - YIELD LB/ACRE Sep-24-12 139 DA-A TY1 - 1	ARAHY POD - YIELD LB/ACRE Sep-24-12 10% MOIS 139 DA-A
1	GEORGIA-06G							101	40.0	28.200	8189.3	7656.97660
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	207	44.0	23.800	6911.5	6462.27100
								304	44.0	25.550	7419.7	6937.43800
								407	44.0	23.850	6926.0	6475.84700
								Mean =	43.0	25.350	7361.6	6883.13315
2	GEORGIA-06G							104	36.0	24.900	7231.0	7042.95500
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	201	43.0	21.600	6272.6	6109.55130
								307	34.0	21.200	6156.5	5996.41160
								404	37.0	23.350	6780.8	6604.53800
								Mean =	37.5	22.763	6610.2	6438.36398
3	GEORGIA-06G							107	25.0	26.700	7753.7	7272.95200
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	204	46.0	23.700	6882.5	6455.76600
								301	43.0	19.100	5546.6	5202.74850
								401	44.0	19.300	5604.7	5257.22750
								Mean =	39.5	22.200	6446.9	6047.17350
4	GEORGIA GREENER							102	40.0	25.650	7448.8	6964.59100
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	208	43.0	19.100	5546.6	5186.10840
								305	43.0	23.750	6897.0	6448.69500
								402	55.0	23.800	6911.5	6462.27100
								Mean =	45.3	23.075	6701.0	6265.41635
5	GEORGIA GREENER							105	51.0	21.500	6243.6	6081.26660
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	202	50.0	18.000	5227.2	5091.29300
								308	34.0	21.550	6258.1	6095.40870
								405	56.0	20.650	5996.8	5840.84400
								Mean =	47.8	20.425	5931.4	5777.20308
6	GEORGIA GREENER							108	41.0	22.750	6606.6	6196.99070
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	205	34.0	26.400	7666.6	7191.23340
								302	36.0	16.350	4748.0	4453.66160
								408	33.0	16.900	4907.8	4603.47900
								Mean =	36.0	20.600	5982.2	5611.34118

University of Georgia

PEANUT CULTIVAR RESPONSE TO PRE
APPLICATIONS OF ZIDUA

Trial ID: PE-14-12 Study Dir.: PETER EURE
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	ARAHY POD - MATURI % Sep-20-12 DARK COMBINED 135 DA-A	ARAHY POD - YIELD LBS/PLOT Sep-24-12 139 DA-A	ARAHY POD - YIELD LB/ACRE Sep-24-12 139 DA-A TY1 - 1	ARAHY POD - YIELD LB/ACRE Sep-24-12 10% MOIS 139 DA-A
7	TIFGUARD							103	39.0	28.150	8174.8	7643.40000
	ZIDUA	85	WG	0.0	OZ/A	PRE	A	209	44.0	16.350	4748.0	4439.41750
								306	43.0	24.250	7042.2	6584.45700
								403	37.0	23.900	6940.6	6489.42400
								Mean =	40.8	23.163	6726.4	6289.17463
8	TIFGUARD							106	52.0	20.600	5982.2	5826.70170
	ZIDUA	85	WG	2.0	OZ/A	PRE	A	203	32.0	16.900	4907.8	4780.15800
								309	41.0	19.850	5764.4	5614.56450
								406	41.0	22.700	6592.1	6420.68600
								Mean =	41.5	20.013	5811.6	5660.52755
9	TIFGUARD							109	56.0	22.550	6548.5	6142.51170
	ZIDUA	85	WG	4.0	OZ/A	PRE	A	206	38.0	24.950	7245.5	6796.26000
								303	48.0	19.950	5793.5	5434.28400
								409	47.0	17.940	5209.8	4886.77000
								Mean =	47.3	21.348	6199.3	5814.95643