

University of Georgia

HAIRY INDIGO CONTROL IN PEANUT - II (NON-REPLICATED)									
Trial ID: PE-39-20		Study Dir.: JOSH DAWSON/DANNY SWILLEY							
Location: LOWNDES COUNTY		Investigator: Eric P. Prostko							

Reps: 1 Plots: 6 by 75 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 1 plots; minimum=0.5866 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1
1	NTC							-	101
2	ULTRA BLAZER	2 SL		24.0 oz/a	POST A		18.75 mL/mx	1453.8 mL	102
	2,4-DB	1.75 SL		16.0 oz/a	POST A		12.5 mL/mx		
	AGRIDEX			1.0 % v/v	POST A		15.0 mL/mx		
3	COBRA	2 EC		12.5 oz/a	POST A		9.765 mL/mx	1462.7 mL	103
	2,4-DB	1.75 SL		16.0 oz/a	POST A		12.5 mL/mx		
	AGRIDEX			1.0 % v/v	POST A		15.0 mL/mx		
4	STRONGARM	84 WG		0.45 oz/a	POST A		0.337 g/mx	1495.9 mL	104
	INDUCE			0.25 % v/v	POST A		3.75 mL/mx		
5	STRONGARM	84 WG		0.3 oz/a	POST A		0.2247 g/mx	1496.0 mL	105
	INDUCE			0.25 % v/v	POST A		3.75 mL/mx		
6	CLASSIC	25 DG		0.5 oz/a	POST A		0.3745 g/mx	1495.9 mL	106
	INDUCE			0.25 % v/v	POST A		3.75 mL/mx		
7	CLASSIC	25 DG		0.5 oz/a	POST A		0.3745 g/mx	1483.4 mL	107
	ULTRA BLAZER	2 SL		16.0 oz/a	POST A		12.5 mL/mx		
	INDUCE			0.25 % v/v	POST A		3.75 mL/mx		
8	CLASSIC	25 DG		0.5 oz/a	POST A		0.3745 g/mx	1489.6 mL	108
	COBRA	2 EC		8.0 oz/a	POST A		6.249 mL/mx		
	INDUCE			0.25 % v/v	POST A		3.75 mL/mx		

Sort Order: Treatment

Trial Comments

VARIETY: GA-06G
 PLANTING DATE: ~MAY10
 APPLICATION DATE: AUGUST 11, 2020
 TIME OF DAY: 10:45 AM
 PEANUT HEIGHT: 10-12"
 PEANUT WIDTH: 29"
 PEANUT STAGE OF GROWTH: R6 = FULL SEED
 HAIRY INDIGO HEIGHT/STAGE: 10-12"
 AIR TEMP: 79 F
 RH: 84%
 WIND: 4 MPH
 CLOUD COVER: 30
 GPA: 15
 NOZZLE: AIXR11002
 PRESSURE: 40 PSI

SUMMARY: NOTE: PLANTS WERE LARGE AT APPLICATION (10-12" TALL)

1) AT 14 DAT, THE FOLLOWING OBSERVATIONS WERE MADE:

A) STRONGARM PROVIDED POOR CONTROL OF HAIRY INDIGO (35%).

B) ULTRA BLAZER + 2,4-DB PROVIDED POOR CONTROL OF HAIRY INDIGO (50%).

C) COBRA + 2,4-DB PROVIDED 80% CONTROL OF HAIRY INDIGO.

D) CLASSIC PROVIDED 65% CONTROL OF HAIRY INDIGO.

E) GENERALLY, CLASSIC + COBRA @ 8 OZ/A WAS MORE EFFECTIVE THAN CLASSIC APPLIED ALONE BUT NOT MORE EFFECTIVE THAN COBRA @ 12.5 OZ/A + 2,4-DB.

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Location: LOWNDES COUNTY		Investigator: Eric P. Prostko							
Weed Code				HAIRY INDIGO		HAIRY INDIGO			
Crop Code				7 DAT -		14 DAT -			
Part Rated				CONTROL		CONTROL			
Rating Data Type				PERCENT		PERCENT			
Rating Unit				Aug-18-20		Aug-25-20			
Rating Date									
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	1	2
1	NTC							0.0	0.0
2	ULTRA BLAZER	2 SL		24.0 oz/a	POST A			65.0	50.0
	2,4-DB	1.75 SL		16.0 oz/a	POST A				
	AGRIDEX			1.0 % v/v	POST A				
3	COBRA	2 EC		12.5 oz/a	POST A			85.0	80.0
	2,4-DB	1.75 SL		16.0 oz/a	POST A				
	AGRIDEX			1.0 % v/v	POST A				
4	STRONGARM	84 WG		0.45 oz/a	POST A			10.0	35.0
	INDUCE			0.25 % v/v	POST A				
5	STRONGARM	84 WG		0.3 oz/a	POST A			10.0	35.0
	INDUCE			0.25 % v/v	POST A				
6	CLASSIC	25 DG		0.5 oz/a	POST A			30.0	65.0
	INDUCE			0.25 % v/v	POST A				
7	CLASSIC	25 DG		0.5 oz/a	POST A			60.0	70.0
	ULTRA BLAZER	2 SL		16.0 oz/a	POST A				
	INDUCE			0.25 % v/v	POST A				
8	CLASSIC	25 DG		0.5 oz/a	POST A			85.0	85.0
	COBRA	2 EC		8.0 oz/a	POST A				
	INDUCE			0.25 % v/v	POST A				
LSD P=.10								.	.
Standard Deviation								.	.
CV								.	.
Grand Mean								43.13	52.50
Bartlett's X2								.	.
P(Bartlett's X2)								.	.

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

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

Could not calculate LSD (% mean diff) for columns 1,2 because error mean square = 0.