

# University of Georgia

HAIRY INDIGO CONTROL IN PEANUT - III (NON-REPLICATED)									
Trial ID: PE-41-20		Study Dir.: JOSH DAWSON/DANNY SWILLEY							
Location: LOWNDES COUNTY		Investigator: Eric P. Prostko							

Reps: 1      Plots: 6 by 100 feet  
 Appl. Amount: 15 GAL/AC      Mix Size: 1.5 L (total for 1 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1
1	COBRA AGRIDEX	2	EC	12.5 oz/a 1.0 % v/v	POST A POST A		9.765 mL/mx 15.0 mL/mx	1475.2 mL	101
2	CLASSIC INDUCE	25	DG	0.5 oz/a 0.25 % v/v	POST A POST A		0.3745 g/mx 3.75 mL/mx	1495.9 mL	102
3	CLASSIC COBRA INDUCE	25 2	DG SL	0.5 oz/a 12.5 oz/a 0.25 % v/v	POST A POST A POST A		0.3745 g/mx 9.765 mL/mx 3.75 mL/mx	1486.1 mL	103
4	CLASSIC COBRA INDUCE	25 2	DG EC	0.5 oz/a 8.0 oz/a 0.25 % v/v	POST A POST A POST A		0.3745 g/mx 6.249 mL/mx 3.75 mL/mx	1489.6 mL	104

Sort Order: Treatment

## Trial Comments

VARIETY: GA-06G  
 PLANTING DATE: ~MAY10  
 APPLICATION DATE: AUGUST 26, 2020  
 TIME OF DAY: 7:55 AM  
 PEANUT HEIGHT: 12-13"  
 PEANUT WIDTH: 33"  
 PEANUT STAGE OF GROWTH: R6-R7  
 HAIRY INDIGO HEIGHT/STAGE: 10-20" TALL  
 AIR TEMP: 78 F  
 RH: 94%  
 WIND: 4 MPH  
 CLOUD COVER: 100%  
 SOIL MOISTURE: OPTIMUM  
 GPA: 15  
 NOZZLE: AIXR11002  
 PRESSURE: 40 PSI

### SUMMARY:

1) HAIRY INDIGO PLANTS WERE TOO TALL AT TIME OF APPLICATION (10"-20")

2) AT 15 DAT, THE FOLLOWING OBSERVATIONS WERE MADE:

A) COBRA PROVIDED POOR CONTROL OF HAIRY INDIGO. PLANTS WERE SLIGHTLY STUNTED AND REGROWTH WAS PRESENT. COBRA CAUSED 20-25% PEANUT LEAF BURN.

B) CLASSIC PROVIDED ~75% CONTROL OF HAIRY INDIGO. ADDITIONS OF COBRA TO CLASSIC DID NOT IMPROVE CONTROL.

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Location: LOWNDES COUNTY		Investigator: Eric P. Prostko							
Weed Code				HAIRY INDIGO		----- ARAHY			
Crop Code				15 DAT -		LEAF -			
Part Rated				CONTROL		BURN			
Rating Data Type				PERCENT		PERCENT			
Rating Unit				Sep-10-20		Sep-10-20			
Rating Date									
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	1	2	
1	COBRA	2 EC		12.5 oz/a	POST A		0.0	20.0	
	AGRIDEX			1.0 % v/v	POST A				
2	CLASSIC	25 DG		0.5 oz/a	POST A		75.0	5.0	
	INDUCE			0.25 % v/v	POST A				
3	CLASSIC	25 DG		0.5 oz/a	POST A		75.0	25.0	
	COBRA	2 SL		12.5 oz/a	POST A				
	INDUCE			0.25 % v/v	POST A				
4	CLASSIC	25 DG		0.5 oz/a	POST A		70.0	10.0	
	COBRA	2 EC		8.0 oz/a	POST A				
	INDUCE			0.25 % v/v	POST A				
LSD P=.10							.	.	
Standard Deviation							.	.	
CV							.	.	
Grand Mean							55.00	15.00	
Bartlett's X2							.	.	
P(Bartlett's X2)							.	.	
Part Rated									
LEAF = LEAF / FOLIAGE									

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.