

University of Georgia

HAIRY INDIGO CONTROL IN PEANUT

(NON-REPLICATED)

Trial ID: PE-38-20

Study Dir.: JUSTIN SHEALEY/SHELBY HILL

Location: ECHOLS 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 Unit	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 INDUCE	84 WG		0.45 oz/a		POST A		0.337 g/mx	1495.9 mL	104
				0.25 % v/v		POST A		3.75 mL/mx		
5	STRONGARM INDUCE	84 WG		0.3 oz/a		POST A		0.2247 g/mx	1496.0 mL	105
				0.25 % v/v		POST A		3.75 mL/mx		

Sort Order: Treatment

Trial Comments

VARIETY: GA-06G
 PLANTING DATE: JUNE 1
 APPLICATION DATE: AUGUST 6
 TIME OF DAY: 8:45 AM
 PEANUT HEIGHT: 13"
 PEANUT WIDTH: 31"
 PEANUT STAGE OF GROWTH: R6
 HAIRY INDIGO HEIGHT/STAGE: 12-16"
 AIR TEMP: 78 F
 SOIL TEMP: 85 F
 RH: 92%
 WIND: 1 MPH
 CLOUD COVER: 5%
 GPA: 15
 NOZZLE: AIXR11002
 PRESSURE: 40 PSI
 DRYLAND FIELD

SUMMARY: NOTE: PLANTS WERE LARGE AT TIME OF APPLICATION (12-16")

1) AT 12 DAT, THE FOLLOWING OBSERVATIONS WERE MADE:

A) ULTRA BLAZER + 2,4-DB PROVIDED **20%** CONTROL OF HAIRY INDIGO.

B) STRONGARM PROVIDED **10%** CONTROL OF HAIRY INDIGO.

C) COBRA + 2,4-DB PROVIDED **65%** CONTROL OF HAIRY INDIGO.

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Trial ID: PE-38-20		Study Dir.: JUSTIN SHEALEY/SHELBY HILL					
Location: ECHOLS COUNTY		Investigator: Eric P. Prostko					
Weed Code				HAIRY			
Crop Code				INDIGO			
Part Rated				12 DAT -			
Rating Data Type				CONTROL			
Rating Unit				PERCENT			
Rating Date				Aug-18-20			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code
1	NTC						1
2	ULTRA BLAZER	2 SL		24.0 oz/a		POST A	
	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	
	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	
	INDUCE			0.25 % v/v		POST A	
5	STRONGARM	84 WG		0.3 oz/a		POST A	
	INDUCE			0.25 % v/v		POST A	
LSD P=.10				.			
Standard Deviation				.			
CV				.			
Grand Mean				21.00			
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 because error mean square = 0.