

# University of Georgia

## ALLIGATORWEED CONTROL IN PEANUT WITH POST-APPLIED

### CADRE OR STRONGARM (NON-REPLICATED)

Trial ID: PE-99-22 Study Dir.: J. KICHLER  
 Location: COLQUIT 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	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1
1	STRONGARM INDUCE	84 WG		0.30 oz/a 0.25 % v/v	POST A POST A		0.2247 g/mx 3.75 mL/mx	1496.0 mL	101
2	CADRE INDUCE	2 AS		4.0 oz/a 0.25 % v/v	POST A POST A		3.125 mL/mx 3.75 mL/mx	1493.1 mL	102
3	STRONGARM CADRE INDUCE	84 WG 2 AS		0.30 oz/a 4.0 oz/a 0.25 % v/v	POST A POST A POST A		0.2247 g/mx 3.125 mL/mx 3.75 mL/mx	1492.9 mL	103

Sort Order: Treatment

### Trial Comments

LOCATION: PAVO ROAD - COLQUITT COUNTY  
 GROWER: BOBBY COOPER  
 CULTIVAR: GA-06G  
 PLANTING DATE: 04/25/22  
 APPLICATION DATE: 06/30/22 (66 DAP)

PEANUT STAGE OF GROWTH: R4-R5  
 PEANUT HEIGHT: 12"  
 PEANUT WIDTH: 24"

AIR TEMP: 72 F

SOIL TEMP: 74 F

HUMIDITY: 95%

TIME OF DAY: 7:30 AM

CLOUD COVER: 100%

SOIL MOISTURE: OPTIMUM

DEW: YES

ALLIGATORWEED STAGE OF GROWTH:  
 HEIGHT: 10" TALL, MULTIPLE TILLERS, NO FLOWERS

APPLICATION METHOD: BACKPACK; 15 GPA; 35 PSI; AIXR-11002 TIPS; 3.5 MPH

GROWER SPRAYED:

PROWL + VALOR - PRE  
 GRAMOXONE + ULTRA BLAZER + BASAGRAN + DUAL MAGNUM - EPOST  
 ULTRA BLAZER + BASAGRAN + 80/20 - POST1  
 ULTRA BLAZER + 2,4-DB - POST2

### **SUMMARY:**

1) ALLIGATORWEED CONTROL WAS <50% WITH ALL TREATMENTS.

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ALLIGATORWEED CONTROL IN PEANUT WITH POST-APPLIED CADRE OR STRONGARM (NON-REPLICATED)									
Trial ID:		PE-99-22		Study Dir.:		J. KICHLER			
Location:		COLQUIT COUNTY		Investigator:		Eric P. Prostko			
Weed Code						alligato	alligato		
Crop Code						weed	weed		
Part Rated									
Rating Data Type						control	control		
Rating Unit						percent	percent		
Rating Date						Jul-19-22	Aug-2-22		
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	
No.	Name	Conc	Type	Rate Unit	Stg	Code			
1	STRONGARM INDUCE	84 WG		0.30 oz/a 0.25 % v/v	POST A POST A		0.0	0.0	
2	CADRE INDUCE	2 AS		4.0 oz/a 0.25 % v/v	POST A POST A		50.0	40.0	
3	STRONGARM CADRE INDUCE	84 WG 2 AS		0.30 oz/a 4.0 oz/a 0.25 % v/v	POST A POST A POST A		50.0	50.0	
LSD P=.10						.	.		
Standard Deviation						.	.		
CV						.	.		
Grand Mean						33.33	30.00		
Bartlett's X2^						.	.		
P(Bartlett's X2)						.	.		
Shapiro-Wilk^						.	.		
P(Shapiro-Wilk)^						.	.		

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.  
^Calculated from residual.