

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:                      Trial Year: 2023  
 Project ID:                      Project ID 2:                      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Reps: 4                                      Plots: 6 by 25 feet  
 Appl. Amount: 15 GAL/AC                      Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Type	Rate	Unit	Appl Code	Appl Timing	Amt Product to Measure	Diluent	Rep				
										1	2	3	4	
1	NTC								-	101	210	302	405	
2	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1472.5 mL	1471.9 mL	102	211	309	407
	VALOR EZ	4	SC	3.0	oz/a	A	PRE	2.344 mL/mx						
	STRONGARM	84	WG	0.225	oz/a	A	PRE	0.1685 g/mx						
	CADRE	2	AS	4.0	oz/a	C	POST2	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	C	POST2	12.5 mL/mx						
3	SONALAN	3	EC	32.0	oz/a	A	PRE	25.0 mL/mx	1472.5 mL	1471.9 mL	103	201	305	408
	VALOR EZ	4	SC	3.0	oz/a	A	PRE	2.344 mL/mx						
	STRONGARM	84	WG	0.225	oz/a	A	PRE	0.1685 g/mx						
	CADRE	2	AS	4.0	oz/a	C	POST2	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	C	POST2	12.5 mL/mx						
4	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1456.3 mL	1462.1 mL	104	212	307	406
	CAPAROL	4	L	24.0	oz/a	A	PRE	18.75 mL/mx						
	CADRE	2	AS	4.0	oz/a	B	POST1	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	SL	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	EC	12.5	oz/a	B	POST1	9.766 mL/mx						
5	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1450 mL	1462.1 mL	105	208	310	403
	CAPAROL	4	L	24.0	oz/a	A	PRE	25.0 mL/mx						
	CADRE	2	AS	4.0	oz/a	B	POST1	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	SL	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	EC	12.5	oz/a	B	POST1	9.766 mL/mx						
6	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1456.1 mL	1462.1 mL	106	204	312	411
	CAPAROL	4	L	24.0	oz/a	A	PRE	18.75 mL/mx						
	STRONGARM	84	WG	0.225	oz/a	A	PRE	0.1685 g/mx						
	CADRE	2	AS	4.0	oz/a	B	POST1	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	EC	12.5	oz/a	B	POST1	9.766 mL/mx						
7	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1455.5 mL	1462.1 mL	107	209	308	401
	CAPAROL	4	L	24.0	oz/a	A	PRE	18.75 mL/mx						
	VALOR EZ	4	SC	1.0	oz/a	A	PRE	0.7812 mL/mx						
	CADRE	2	AS	4.0	oz/a	B	POST1	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	EC	12.5	oz/a	B	POST1	9.766 mL/mx						
8	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1449.8 mL	1462.1 mL	108	206	304	412
	CAPAROL	4	L	24.0	oz/a	A	PRE	25.0 mL/mx						
	STRONGARM	84	WG	0.225	oz/a	A	PRE	0.1685 g/mx						
	CADRE	2	AS	4.0	oz/a	B	POST1	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	EC	12.5	oz/a	B	POST1	9.766 mL/mx						
9	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	25.0 mL/mx	1449.2 mL	1462.1 mL	109	205	306	410
	CAPAROL	4	L	24.0	oz/a	A	PRE	25.0 mL/mx						
	VALOR EZ	4	SC	1.0	oz/a	A	PRE	0.7812 mL/mx						
	CADRE	2	AS	4.0	oz/a	B	POST1	3.125 mL/mx						
	DUAL MAGNUM 2,4-DB	7.62	EC	16.0	oz/a	B	POST1	12.5 mL/mx						
	COBRA	2	EC	12.5	oz/a	B	POST1	9.766 mL/mx						

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Reps: 4 Plots: 6 by 25 feet  
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc Type	Rate Unit	Appl Code	Appl Timing	Amt Product to Measure	Diluent	Rep			
								1	2	3	4
10	PROWL H20	3.8 SC	32.0 oz/a	A	PRE	25.0 mL/mx	1446.9 mL	110	202	303	402
	CAPAROL	4 L	24.0 oz/a	A	PRE	18.75 mL/mx					
	BRAKE	1.2 SL	12.0 oz/a	A	PRE	9.375 mL/mx					
	CADRE	2 AS	4.0 oz/a	B	POST1	3.125 mL/mx					
	DUAL MAGNUM	7.62 EC	16.0 oz/a	B	POST1	12.5 mL/mx					
	2,4-DB	2 SL	16.0 oz/a	B	POST1	12.5 mL/mx					
	COBRA	2 EC	12.5 oz/a	B	POST1	9.766 mL/mx					
11	PROWL H20	3.8 SC	32.0 oz/a	A	PRE	25.0 mL/mx	1440.6 mL	111	203	311	409
	CAPAROL	4 L	24.0 oz/a	A	PRE	18.75 mL/mx					
	BRAKE	1.2 SL	12.0 oz/a	A	PRE	9.375 mL/mx					
	CADRE	2 AS	4.0 oz/a	B	POST1	3.125 mL/mx					
	DUAL MAGNUM	7.62 EC	16.0 oz/a	B	POST1	12.5 mL/mx					
	2,4-DB	2 SL	16.0 oz/a	B	POST1	12.5 mL/mx					
	COBRA	2 EC	12.5 oz/a	B	POST1	9.766 mL/mx					
12	NTC					-	112	207	301	404	

Sort Order: Treatment

### Trial Comments

DIGGING DATE: 09/20/23 (141 DAP)  
 HARVEST DATE: 09/25/23  
 HARVEST MOISTURE: 11.7%  
 YIELDS ADJUSTED TO 10%  
 2% YIELD DEDUCTION FOR FM

MISSING YIELD DATA DUE TO WET/RUTTING/TRACTOR AND TAG/HARVESTING PROBLEMS.

ANNUAL GRASSES = NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING TEXAS PANICUM, CRABGRASS, GOOSEGRASS, CROWFOOTGRASS, AND SANDBUR.

**FIRST IRRIGATION/RAINFALL EVENT OCCURRED 8 DAP DUE TO IRRIGATION PUMP PROBLEMS.**

**SUMMARY:**

- 1) PRE APPLICATIONS OF VALOR @ 3 OZ/A CAUSED MORE PEANUT STUNTING THAN CAPAROL OR BRAKE.
- 2) BRAKE CAUSED TEMPORARY PEANUT BLEACHING.
- 3) PRE APPLICATIONS OF PROWL + VALOR + STRONGARM WERE MORE EFFECTIVE ON PALMER AMARANTH AND WILD RADISH THAN PROWL + CAPAROL + STRONGARM OR PROWL + CAPAROL + BRAKE. BECAUSE OF THE REDUCED CONTROL OF PALMER AMARANTH AND WILD RADISH DUE TO DELAYED MOISTURE ACTIVATION AND ALS-RESISTANCE, POST TREATMENTS HAD TO BE APPLIED EARLIER AND INCLUDED COBRA IN ADDITION TO THE STANDARD CADRE + 2,4-DB + DUAL MAGNUM.
- 4) AFTER ALL POST TREATMENTS WERE APPLIED, WEED CONTROL EXCEEDED 90% WITH ALL PRE/POST COMBINATIONS.
- 5) ALL HERBICIDE TREATED PLOTS HAD HIGHER YIELDS THAN THE NTC. GENERALLY, THERE WERE NO DIFFERENCES IN YIELD BETWEEN HERBICIDE TREATED PLOTS WITH THE FOLLOWING EXCEPTION:  
  
 PROWL + CAPAROL (32 OZ/A) + STRONGARM (PRE) FB CADRE + DUAL MAGNUM + 2,4-DB + COBRA (POST1) HAD HIGHER YIELDS THAN PROWL + CAPAROL (24 OZ/A) + BRAKE (PRE) FB CADRE + DUAL MAGNUM + 2,4-DB + COBRA (POST1).

**General Trial Information**

Study Director: \_\_\_\_\_ Title: \_\_\_\_\_  
 Investigator: ERIC P. PROSTKO Title: \_\_\_\_\_

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 Study Director: \_\_\_\_\_ Sponsor Contact: \_\_\_\_\_  
 Investigator: ERIC P. PROSTKO

**Discipline:** \_\_\_\_\_  
**Status:** E \_\_\_\_\_ established

**ARM Trial Created On:** Apr-4-23      **Meets All Objectives:** \_      **Reliability:** \_\_\_\_\_  
**Initiation Date:** \_\_\_\_\_      **Planned Completion Date:** \_\_\_\_\_      **Interim Data Due:** \_\_\_\_\_  
**Completion Date:** \_\_\_\_\_      **Last Possible Tour Visit:** \_\_\_\_\_

**Trial Location**

**City:** \_\_\_\_\_      **Country:** \_\_\_\_\_  
**State/Prov.:** \_\_\_\_\_      **County:** \_\_\_\_\_  
**Postal Code:** \_\_\_\_\_      **Climate Zone:** \_\_\_\_\_

**Latitude of LL Corner °:** \_\_\_\_\_ -  
**Longitude of LL Corner °:** \_\_\_\_\_ -  
**GPS Accuracy of LL Corner:** \_\_\_\_\_  
**Altitude of LL Corner:** \_\_\_\_\_  
**Angle y-axis to North °:** \_\_\_\_\_

**Directions:**

**Keywords:**

**Regulations**

**Test Facility:** \_\_\_\_\_  
**GEP Accreditation Number:** \_\_\_\_\_  
**GEP Accreditation Link:** \_\_\_\_\_  
**Certificate Expiration:** \_\_\_\_\_  
**Conducted Under GLP:** No      **Official Trial ID:** \_\_\_\_\_  
**Conducted Under GEP:** No      **Official Protocol ID:** \_\_\_\_\_  
**Study Rules:** \_\_\_\_\_

No.	Destroyed?	Crop No.	Crop Code	Crop Stage	Part Destroyed	Explanation	Method	Destruction Date	Verified By
1.									

No.	Guideline	Discipline	Description
1.			

No.	Permit Number	Permit Description
1.		

**Objectives:**

**Materials and Methods**

**Results:**

**Conclusions:**

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 Study Director: \_\_\_\_\_ Sponsor Contact: \_\_\_\_\_  
 Investigator: ERIC P. PROSTKO

**Contacts**

<b>Role:</b> STYDIR	study director
<b>Study Director:</b> _____	<b>Title:</b> _____
<b>Organization:</b> _____	<b>Org. Type:</b> _____
<b>Address 1:</b> _____	<b>Phone No.:</b> _____
<b>Address 2:</b> _____	
<b>Country:</b> _____	<b>E-mail:</b> _____
<b>City:</b> _____	<b>State/Prov:</b> _____
<b>Role:</b> INVEST	investigator
<b>Investigator:</b> ERIC P. PROSTKO	<b>Title:</b> _____
<b>Organization:</b> UGA	<b>Org. Type:</b> _____
<b>Address 1:</b> _____	<b>Phone No.:</b> _____ <b>Mobile</b>
<b>Address 2:</b> _____	
<b>Country:</b> _____	<b>E-mail:</b> _____
<b>City:</b> _____	<b>State/Prov:</b> _____ <b>Postal C</b>
<b>Role:</b> SPONSR	sponsor
<b>Sponsor:</b> _____	<b>Title:</b> _____
<b>Organization:</b> _____	<b>Org. Type:</b> _____
<b>Address 1:</b> _____	<b>Phone No.:</b> _____
<b>Address 2:</b> _____	
<b>Country:</b> _____	<b>E-mail:</b> _____
<b>City:</b> _____	<b>State/Prov:</b> _____
<b>Role:</b> COOPER	cooperator
<b>Cooperator:</b> _____	<b>Title:</b> _____
<b>Organization:</b> _____	<b>Org. Type:</b> _____
<b>Address 1:</b> _____	<b>Phone No.:</b> _____
<b>Address 2:</b> _____	
<b>Country:</b> _____	<b>E-mail:</b> _____
<b>City:</b> _____	<b>State/Prov:</b> _____
<b>Role:</b> _____	
<b>Contact Name 5:</b> _____	<b>Title:</b> _____
<b>Organization:</b> _____	<b>Org. Type:</b> _____
<b>Address 1:</b> _____	<b>Phone No.:</b> _____
<b>Address 2:</b> _____	
<b>Country:</b> _____	<b>E-mail:</b> _____
<b>City:</b> _____	<b>State/Prov:</b> _____

**Crop Description**

<b>Crop 1:</b> C	ARHHY Arachis hypogaea
<b>Entry Date:</b> Sep-28-23	peanut
<b>Variety:</b> GA-06G	<b>Stage Scale:</b> BBCH
<b>Attributes:</b> _____	
<b>Seed Shape:</b> _____	<b>Seed Size:</b> _____
<b>Perennial Age:</b> _____	<b>Perennial Height:</b> _____
<b>Nursery Date:</b> _____	
<b>Planting Date:</b> May-3-23	<b>Planting Rate:</b> 4 S/FT
<b>Depth:</b> 2 IN	
<b>Rows per Plot:</b> 4	<b>Planting Method:</b> _____
<b>Row Spacing:</b> _____	<b>Planting Equipment:</b> VP vacuum pl
<b>Spacing within Row:</b> _____	<b>Seed Bed:</b> _____
<b>Soil Temperature:</b> _____	<b>Soil Moisture:</b> _____
<b>Emergence Date:</b> _____	
<b>Harvest Date:</b> _____	<b>Harvest Equipment:</b> _____
<b>Moisture Meter:</b> _____	<b>Harvested Width:</b> 6 FT
<b>% Standard Moisture:</b> 10.0	<b>Harvested Length:</b> 25 FT
<b>Weighing Equipment:</b> _____	

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Pest Description		Entry Dat
<b>Pest 1 Type:</b> W	Code: AMAPA      Amaranthus palmeri Common Name: Palmer amaranth Attributes: _____	Stage Scal Artificial Populatio
	Establishment Date: _____ Time: _____ Establishment Rate: _____ Concentration: _____ Establishment Method/Description: _____ Crop: _____ Stage at Infestation: _____	Stage at Establishmer
<b>Pest 2 Type:</b> W	Code: RAPRA      Raphanus raphanistrum Common Name: Wild radish Attributes: _____	Entry Dat Stage Scal Artificial Populatio
	Establishment Date: _____ Time: _____ Establishment Rate: _____ Concentration: _____ Establishment Method/Description: _____ Crop: _____ Stage at Infestation: _____	Stage at Establishmer
<b>Pest 3 Type:</b> W	Code: AGRASS Common Name: ANNUAL GRASSES Attributes: _____	Entry Dat Stage Scal Artificial Populatio
	Establishment Date: _____ Time: _____ Establishment Rate: _____ Concentration: _____ Establishment Method/Description: _____ Crop: _____ Stage at Infestation: _____	Stage at Establishmer
<b>Pest 4 Type:</b> W	Code: IPOLA      Ipomoea lacunosa Common Name: pitted morning glory Attributes: _____	Entry Dat Stage Scal Artificial Populatio
	Establishment Date: _____ Time: _____ Establishment Rate: _____ Concentration: _____ Establishment Method/Description: _____ Crop: _____ Stage at Infestation: _____	Stage at Establishmer
<b>Pest 5 Type:</b> W	Code: MOLVE      Mollugo verticillata Common Name: carpetweed Attributes: _____	Entry Dat Stage Scal Artificial Populatio
	Establishment Date: _____ Time: _____ Establishment Rate: _____ Concentration: _____ Establishment Method/Description: _____ Crop: _____ Stage at Infestation: _____	Stage at Establishmer
<b>Pest 6 Type:</b> W	Code: IAQTA      Jacquemontia tamnifolia Common Name: small-flower morning glory Attributes: _____	Entry Dat Stage Scal Artificial Populatio
	Establishment Date: _____ Time: _____ Establishment Rate: _____ Concentration: _____ Establishment Method/Description: _____ Crop: _____ Stage at Infestation: _____	Stage at Establishmer

Site and Design





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**Application Description**

	A	B	C
<b>Date</b>	May-4-23	May-25-23	May-31-23
<b>Start Time</b>			
<b>Stop Time</b>	6:39 AM	7:28 AM	6:17 AM
<b>Standard</b>			
<b>Method</b>	BROADC	BROADC	BROADC
<b>Timing</b>	PRE	POST1	POST2
<b>Placement</b>	SOIL	FOLIAGE	FOLIAGE
<b>Mixed/Prepared By</b>	EPP	EPP	EPP
<b>Applied By</b>	EPP	EPP	EPP
<b>Entry Date</b>	Sep-28-23	Sep-28-23	Sep-28-23
<b>Air Temperature Start, Stop</b>	, 48 F	, 59 F	, 68 F
<b>% Relative Humidity Start, Stop</b>	85,	84,	98,
<b>Wind Velocity+Dir. Start</b>	0 MPH,	1 MPH,	1 MPH,
<b>Wind Velocity+Dir. Stop</b>			
<b>Wind Velocity+Dir. Max</b>			
<b>Wet Leaves (Y/N)</b>		Y, yes	Y, yes
<b>Soil Temperature</b>	60 F	66 F	74 F
<b>Soil Temperature Depth</b>			
<b>Soil Moisture</b>			
<b>Soil Surface Condition</b>			
<b>% Ground Cover</b>	0	0	100
<b>% Cloud Cover</b>			
<b>First Moisture Occurred On</b>			
<b>Time to First Moisture</b>			
<b>Amount of First Moisture</b>			
<b>Moisture 1 Week Before Appl.</b>			
<b>Moisture 6 Hours After Appl.</b>			
<b>Moisture 24 Hours After Appl.</b>			
<b>Moisture 1 Week After Appl.</b>			
<b>Problems with Application?</b>			

**Comment:**

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### Crop Stage At Each Application

	A	B	C
<b>Crop 1 Code, BBCH Scale</b>	ARHHY, BPNT	ARHHY, BPNT	ARHHY, BPNT
<b>Days after Emergence</b>			
<b>Stage Majority, Percent</b>		V4,	V5,
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>		4 IN	4 IN
<b>Height Minimum, Maximum</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			
<b>Coverage</b>			

### Pest Stage At Each Application

	A	B	C
<b>Pest 1 Code, Type, Scale</b>	AMAPA, W, BBCH	AMAPA, W, BBCH	AMAPA, W, BBCH
<b>Establishment Interval</b>			
<b>Stage Majority, Percent</b>			
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>		2 IN	
<b>Height Minimum, Maximum</b>		1, 3	
<b>Relative Density</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			
<b>Coverage</b>			
<b>Crop Part Attacked, Code</b>			
<b>Pest 2 Code, Type, Scale</b>	RAPRA, W, BBCH	RAPRA, W, BBCH	RAPRA, W, BBCH
<b>Establishment Interval</b>			
<b>Stage Majority, Percent</b>			
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>		2 IN	2 IN
<b>Height Minimum, Maximum</b>		1, 3	1, 3
<b>Relative Density</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			

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<b>Coverage</b>			
<b>Crop Part Attacked, Code</b>			
<b>Pest 3 Code, Type, Scale</b>	AGRASS, W, BBCH	AGRASS, W, BBCH	AGRASS, W, BBCH
<b>Establishment Interval</b>			
<b>Stage Majority, Percent</b>			
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>		2 IN	2 IN
<b>Height Minimum, Maximum</b>		1, 3	1, 3
<b>Relative Density</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			
<b>Coverage</b>			
<b>Crop Part Attacked, Code</b>			
<b>Pest 4 Code, Type, Scale</b>	IPOLA, W, BBCH	IPOLA, W, BBCH	IPOLA, W, BBCH
<b>Establishment Interval</b>			
<b>Stage Majority, Percent</b>			
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>		2 IN	
<b>Height Minimum, Maximum</b>		1, 3	
<b>Relative Density</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			
<b>Coverage</b>			
<b>Crop Part Attacked, Code</b>			
<b>Pest 5 Code, Type, Scale</b>	MOLVE, W, BBCH	MOLVE, W, BBCH	MOLVE, W, BBCH
<b>Establishment Interval</b>			
<b>Stage Majority, Percent</b>			
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>			
<b>Height Minimum, Maximum</b>			
<b>Relative Density</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			
<b>Coverage</b>			
<b>Crop Part Attacked, Code</b>			
<b>Pest 6 Code, Type, Scale</b>	IAQTA, W, BBCH	IAQTA, W, BBCH	IAQTA, W, BBCH

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<b>Establishment Interval</b>			
<b>Stage Majority, Percent</b>			
<b>Stage Minimum, Percent</b>			
<b>Stage Maximum, Percent</b>			
<b>Diameter Average</b>			
<b>Diameter Minimum, Maximum</b>			
<b>Height Average</b>			1 IN
<b>Height Minimum, Maximum</b>			
<b>Relative Density</b>			
<b>Density Average</b>			
<b>Density Minimum, Maximum</b>			
<b>Coverage</b>			
<b>Crop Part Attacked, Code</b>			

### Application Equipment

	A	B	C
<b>Equipment Name</b>		SAME AS A	SAME AS A
<b>Equipment Type</b>	BACCAI		
<b>Operation Pressure</b>	37 PSI		
<b>Nozzle Model</b>	AIXR		
<b>Nozzle Type</b>			
<b>Nozzle TradeName</b>	TEEJET		
<b>Nozzle Tip Size, Color</b>	11002,		
<b>Nozzle Spacing</b>	20.0 IN		
<b>Nozzles/Row</b>			
<b>Nozzle Count</b>	3		
<b>Band Width</b>			
<b>Spray Swath</b>			
<b>% Coverage</b>			
<b>Boom ID</b>			
<b>Boom Length</b>	60.0 IN		
<b>Boom Height</b>	20.0 IN		
<b>Ground Speed</b>	3.5 MPH		
<b>Carrier</b>	WATER		
<b>Water Hardness (ppm CaCO3)</b>			
<b>Application Amount</b>	15 GAL/AC		
<b>Mix Overage</b>			
<b>Mix Size</b>	1.5 L		
<b>Spray pH</b>			
<b>Propellant</b>	COMCO2		
<b>Tank Mix (Y/N)</b>			

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID: \_\_\_\_\_ Location: \_\_\_\_\_ Trial Year: 2023  
 Project ID: \_\_\_\_\_ Project ID 2: \_\_\_\_\_ Project ID 3: \_\_\_\_\_  
 Study Director: \_\_\_\_\_ Sponsor Contact: \_\_\_\_\_  
 Investigator: ERIC P. PROSTKO

**Equipment Comment:**

**Equipment**

	1.
<b>Equipment Name</b>	
<b>Platform Type</b>	
<b>Platform Trade Name</b>	
<b>Platform Model</b>	
<b>Sensor Type</b>	
<b>Sensor Trade Name</b>	
<b>Sensor Model</b>	
<b>Resolution</b>	
<b>Sensor Height</b>	
<b>Sensor Speed</b>	
<b>Original Data Location</b>	
<b>Analysis Company</b>	
<b>Analysis Method</b>	
<b>Software Version</b>	
<b>Scale Trade Name</b>	
<b>Scale Model</b>	

**Treatment Appl. Comments**

Trt No	Treatment Application Comment

**Notes**

No.	Context	Date	By	Notes
1.	STATUS	Apr-4-23	Eric P. Prostko	Automatically added by ARM: Trial Status updated to 'S' during trial creation.
2.	STATUS	Sep-26-23	Eric P. Prostko	Automatically added by ARM: Status changed to: E: changed by (EGAPRE).
3.	STATUS	Sep-26-23	Eric P. Prostko	Automatically added by ARM: Trial Status updated to 'E' when Rating Date entered.
4.				

**Deviations**

No. 1: Date: \_\_\_\_\_ By: \_\_\_\_\_  
 Deviations:  
 Reasons:

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

**SE Definitions**

	1.
<b>Rating Timing</b>	
<b>SE Name</b>	
<b>SE Description</b>	
<b>Part Rated</b>	
<b>Rating Type</b>	
<b>Rating Unit</b>	
<b>Rating Min/Max/Interval</b>	
<b>Sample Size</b>	
<b>Collection Basis</b>	
<b>Reporting Basis</b>	
<b>Number of Subsamples</b>	
<b>Untreated Rating Type</b>	
<b>ARM Action Codes</b>	
<b>Pest Type, Code</b>	
<b>Crop Type, Code</b>	
<b>Required</b>	

No.	Task	Comment
1.		

**Instructions:**

Yield Required: \_

**Geographic Area/Environmental Considerations:**

**Cropping Considerations:**

**Data to Collect:**

**Statistical Analysis:**

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID: Location: Trial Year: 2023  
 Project ID: Project ID 2: Project ID 3:  
 Study Director: Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date							May-18-23	May-18-23	May-18-23	May-18-23	May-18-23
Rating Type							Stunting	Necrosis	Bleaching	Control	Control
Rating Unit							%	%	%	%	%
Rating Min/Max/Interval							0, 100, -	0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type										W, Weed	W, Weed
Pest Code										RAPRA	AMAPA
Pest Name										Wild radish	Palmer amaranth
Days After First/Last Applic.							14, 14	14, 14	14, 14	14, 14	14, 14
Trt-Eval Interval							14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Plant-Eval Interval							15 DP-1	15 DP-1	15 DP-1	15 DP-1	15 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	1*	2*	3*	4*	5*
1	NTC						0.0 d	0.0 c	0.0 b	0.0 f	0.0 d
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	27.5 a	3.8 a	0.0 b	93.7 a	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	A	PRE					
	STRONGARM	84	WG	0.225 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	C	POST2					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2					
	2,4-DB	2	SL	16.0 oz/a	C	POST2					
3	SONALAN	3	EC	32.0 oz/a	A	PRE	25.0 a	2.5 ab	0.0 b	92.5 ab	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	A	PRE					
	STRONGARM	84	WG	0.225 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	C	POST2					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2					
	2,4-DB	2	SL	16.0 oz/a	C	POST2					
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	5.0 c	0.0 c	0.0 b	42.5 de	96.8 b
	CAPAROL	4	L	24.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	7.5 bc	0.0 c	0.0 b	27.5 e	98.0 ab
	CAPAROL	4	L	24.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	8.7 bc	1.3 bc	0.0 b	56.3 cd	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE					
	STRONGARM	84	WG	0.225 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	11.3 b	0.0 c	0.0 b	52.5 cd	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE					
	VALOR EZ	4	SC	1.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					

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.  
 Due to missing data, larger LSD values (col. 29: >=2.03 and <=2.53) are used for mean comparisons of treatment pairs with missing data.  
 \* Adjusted means  
 Could not calculate LSD (% mean diff) for columns 14,18,19,23,24,25,26 because error mean square = 0.  
 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						May-18-23	May-18-23	May-18-23	May-18-23	May-18-23
Rating Type						Stunting	Necrosis	Bleaching	Control	Control
Rating Unit						%	%	%	%	%
Rating Min/Max/Interval						0, 100, -	0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type									W, Weed	W, Weed
Pest Code									RAPRA	AMAPA
Pest Name									Wild radish	Palmer amaranth
Days After First/Last Applic.						14, 14	14, 14	14, 14	14, 14	14, 14
Trt-Eval Interval						14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
Plant-Eval Interval						15 DP-1	15 DP-1	15 DP-1	15 DP-1	15 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit Code Timing	1*	2*	3*	4*	5*
8	PROWL H20	3.8	SC	32.0 oz/a	A PRE	8.8 bc	0.0 c	0.0 b	46.3 de	98.0 ab
	CAPAROL	4	L	32.0 oz/a	A PRE					
	STRONGARM	84	WG	0.225 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
9	PROWL H20	3.8	SC	32.0 oz/a	A PRE	11.3 b	0.0 c	0.0 b	72.5 bc	99.0 a
	CAPAROL	4	L	32.0 oz/a	A PRE					
	VALOR EZ	4	SC	1.0 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
10	PROWL H20	3.8	SC	32.0 oz/a	A PRE	8.7 bc	0.0 c	11.3 a	60.0 cd	94.7 c
	CAPAROL	4	L	24.0 oz/a	A PRE					
	BRAKE	1.2	SL	12.0 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
11	PROWL H20	3.8	SC	32.0 oz/a	A PRE	8.7 bc	0.0 c	12.5 a	57.5 cd	98.0 ab
	CAPAROL	4	L	32.0 oz/a	A PRE					
	BRAKE	1.2	SL	12.0 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
12	NTC					0.0 d	0.0 c	0.0 b	0.0 f	0.0 d
LSD P=.10						3.84	1.56	1.28	20.38	1.98
Standard Deviation						3.21	1.31	1.07	17.03	1.65
CV						31.42	208.89	54.23	33.99	2.02
Grand Mean						10.21	0.63	1.98	50.10	81.71
Bartlett's X2^						23.564*	42.676*	41.867*	21.154*	14.577
P(Bartlett's X2)						0.015*	0.00*	0.00*	0.032*	0.203
Replicate F						2.362	1.222	1.658	1.017	5.821
Replicate Prob(F)						0.0891	0.3171	0.1951	0.3976	0.0026
Treatment F						27.258	3.667	74.425	12.543	2140.663
Treatment Prob(F)						0.0001	0.0018	0.0001	0.0001	0.0001

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.  
 Due to missing data, larger LSD values (col. 29: >=2.03 and <=2.53) are used for mean comparisons of treatment pairs with missing data.  
 \* Adjusted means  
 Could not calculate LSD (% mean diff) for columns 14,18,19,23,24,25,26 because error mean square = 0.  
 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						May-18-23	May-18-23	May-24-23	May-24-23
Rating Type						Control	Control	Stunting	Necrosis
Rating Unit						%	%	%	%
Rating Min/Max/Interval						0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type						W, Weed	W, Weed		
Pest Code						AGRASS	IPOLA		
Pest Name						Annual grasses	pitted morning >		
Days After First/Last Applic.						14, 14	14, 14	20, 20	20, 20
Trt-Eval Interval						14 DA-A	14 DA-A	20 DA-A	20 DA-A
Plant-Eval Interval						15 DP-1	15 DP-1	21 DP-1	21 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit Code Timing	6*	7*	8*	9*
1	NTC					0.0 d	0.0 d	0.0 d	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	A PRE	96.7 a	98.0 a	15.0 a	0.0 b
	VALOR EZ	4	SC	3.0 oz/a	A PRE				
	STRONGARM	84	WG	0.225 oz/a	A PRE				
	CADRE	2	AS	4.0 oz/a	C POST2				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C POST2				
	2,4-DB	2	SL	16.0 oz/a	C POST2				
3	SONALAN	3	EC	32.0 oz/a	A PRE	94.8 a	95.5 a	11.3 ab	0.0 b
	VALOR EZ	4	SC	3.0 oz/a	A PRE				
	STRONGARM	84	WG	0.225 oz/a	A PRE				
	CADRE	2	AS	4.0 oz/a	C POST2				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C POST2				
	2,4-DB	2	SL	16.0 oz/a	C POST2				
4	PROWL H20	3.8	SC	32.0 oz/a	A PRE	76.0 bc	81.3 bc	5.0 c	0.0 b
	CAPAROL	4	L	24.0 oz/a	A PRE				
	CADRE	2	AS	4.0 oz/a	B POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1				
	2,4-DB	2	SL	16.0 oz/a	B POST1				
	COBRA	2	EC	12.5 oz/a	B POST1				
5	PROWL H20	3.8	SC	32.0 oz/a	A PRE	86.8 ab	82.5 bc	5.0 c	0.0 b
	CAPAROL	4	L	32.0 oz/a	A PRE				
	CADRE	2	AS	4.0 oz/a	B POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1				
	2,4-DB	2	SL	16.0 oz/a	B POST1				
	COBRA	2	EC	12.5 oz/a	B POST1				
6	PROWL H20	3.8	SC	32.0 oz/a	A PRE	71.3 c	86.0 abc	5.0 c	0.0 b
	CAPAROL	4	L	24.0 oz/a	A PRE				
	STRONGARM	84	WG	0.225 oz/a	A PRE				
	CADRE	2	AS	4.0 oz/a	B POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1				
	2,4-DB	2	SL	16.0 oz/a	B POST1				
	COBRA	2	EC	12.5 oz/a	B POST1				
7	PROWL H20	3.8	SC	32.0 oz/a	A PRE	98.0 a	90.0 ab	5.0 c	0.0 b
	CAPAROL	4	L	24.0 oz/a	A PRE				
	VALOR EZ	4	SC	1.0 oz/a	A PRE				
	CADRE	2	AS	4.0 oz/a	B POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1				
	2,4-DB	2	SL	16.0 oz/a	B POST1				
	COBRA	2	EC	12.5 oz/a	B POST1				

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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date				May-18-23	May-18-23	May-24-23	May-24-23				
Rating Type				Control	Control	Stunting	Necrosis				
Rating Unit				%	%	%	%				
Rating Min/Max/Interval				0, 100, -	0, 100, -	0, 100, -	0, 100, -				
Pest Type				W, Weed	W, Weed						
Pest Code				AGRASS	IPOLA						
Pest Name				Annual grasses	pitted morning >						
Days After First/Last Applic.				14, 14	14, 14	20, 20	20, 20				
Trt-Eval Interval				14 DA-A	14 DA-A	20 DA-A	20 DA-A				
Plant-Eval Interval				15 DP-1	15 DP-1	21 DP-1	21 DP-1				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Timing	6*	7*	8*	9*
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		87.5 ab	81.0 bc	7.5 bc	0.0 b
	CAPAROL	4	L	32.0 oz/a	A	PRE					
	STRONGARM	84	WG	0.225 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		83.5 abc	86.3 abc	5.0 c	0.0 b
	CAPAROL	4	L	32.0 oz/a	A	PRE					
	VALOR EZ	4	SC	1.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		94.5 a	76.2 c	6.2 c	5.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE					
	BRAKE	1.2	SL	12.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		92.5 a	90.0 ab	8.7 bc	5.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE					
	BRAKE	1.2	SL	12.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
12	NTC							0.0 d	0.0 d	0.0 d	0.0 b
	LSD P=.10							15.26	12.46	3.92	1.41
	Standard Deviation							12.76	10.41	3.28	1.18
	CV							17.36	14.41	53.34	141.42
	Grand Mean							73.46	72.23	6.15	0.83
	Bartlett's X2^							28.357*	14.308	10.819	64.208*
	P(Bartlett's X2)							0.003*	0.216	0.459	0.00*
	Replicate F							1.032	1.961	2.374	1.000
	Replicate Prob(F)							0.3911	0.1391	0.0879	0.4051
	Treatment F							30.578	43.406	6.604	10.909
	Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001

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



# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						May-24-23	May-24-23	May-24-23	May-24-23		
Rating Type						Control	Control	Control	Control		
Rating Unit						%	%	%	%		
Rating Min/Max/Interval						0, 100, -	0, 100, -	0, 100, -	0, 100, -		
Pest Type						W, Weed	W, Weed	W, Weed	W, Weed		
Pest Code						AMAPA	RAPRA	AGRASS	IPOLA		
Pest Name						Palmer amaranth	Wild radish	Annual grasses	pitted morning >		
Days After First/Last Applic.						20, 20	20, 20	20, 20	20, 20		
Trt-Eval Interval						20 DA-A	20 DA-A	20 DA-A	20 DA-A		
Plant-Eval Interval						21 DP-1	21 DP-1	21 DP-1	21 DP-1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	10*	11*	12*	13*
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		86.3 cd	68.0 bc	90.0 a	76.3 bcd
	CAPAROL	4	L	32.0 oz/a	A	PRE					
	STRONGARM	84	WG	0.225 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		95.0 a	67.5 bc	84.8 a	82.5 abc
	CAPAROL	4	L	32.0 oz/a	A	PRE					
	VALOR EZ	4	SC	1.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		88.5 bcd	66.3 bc	83.7 a	78.7 bcd
	CAPAROL	4	L	24.0 oz/a	A	PRE					
	BRAKE	1.2	SL	12.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		88.7 bc	63.8 bc	86.2 a	73.7 cd
	CAPAROL	4	L	32.0 oz/a	A	PRE					
	BRAKE	1.2	SL	12.0 oz/a	A	PRE					
	CADRE	2	AS	4.0 oz/a	B	POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
12	NTC						0.0 e	0.0 e	0.0 c	0.0 e	
	LSD P=.10						6.15	12.46	12.88	15.64	
	Standard Deviation						5.14	10.41	10.76	13.07	
	CV						6.82	18.29	14.92	19.15	
	Grand Mean						75.38	56.92	72.10	68.23	
	Bartlett's X2^						10.271	24.867*	20.412*	13.148	
	P(Bartlett's X2)						0.506	0.01*	0.04*	0.284	
	Replicate F						2.625	0.620	0.928	2.663	
	Replicate Prob(F)						0.0668	0.6072	0.4380	0.0641	
	Treatment F						190.241	31.791	40.625	25.983	
	Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001	

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 \* Adjusted means  
 Could not calculate LSD (% mean diff) for columns 14,18,19,23,24,25,26 because error mean square = 0.  
 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						May-24-23	Jun-7-23	Jun-7-23	Jun-7-23	Jun-7-23		
Rating Type						Control	STUNTING	BLEACHING	NECROSIS	CONTROL		
Rating Unit						%	%	%	%	%		
Rating Min/Max/Interval						0, 100, -	0, 100, -	0, 100, -	0, 100, -	0, 100, -		
Pest Type						W, Weed				W, Weed		
Pest Code						MOLVE				AMAPA		
Pest Name						carpetweed				Palmer amaranth		
Days After First/Last Applic.						20, 20	34, 7	34, 7	34, 7	34, 7		
Trt-Eval Interval						20 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A		
Plant-Eval Interval						21 DP-1	35 DP-1	35 DP-1	35 DP-1	35 DP-1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing					
1	NTC							0.0 b	0.0 e	0.0 c	0.0 d	0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	10.0 a	0.0 c	1.2 cd	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	A	PRE						
	STRONGARM	84	WG	0.225 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	C	POST2						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
3	SONALAN	3	EC	32.0 oz/a	A	PRE		99.0 a	3.8 bcd	0.0 c	2.5 c	99.0 a
	VALOR EZ	4	SC	3.0 oz/a	A	PRE						
	STRONGARM	84	WG	0.225 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	C	POST2						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	0.0 e	0.0 c	8.8 ab	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	2.5 cde	0.0 c	7.5 b	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	2.5 cde	1.3 bc	7.5 b	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE						
	STRONGARM	84	WG	0.225 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	2.5 cde	1.3 bc	10.0 a	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE						
	VALOR EZ	4	SC	1.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						

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 \* Adjusted means  
 Could not calculate LSD (% mean diff) for columns 14,18,19,23,24,25,26 because error mean square = 0.  
 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date		May-24-23	Jun-7-23	Jun-7-23	Jun-7-23	Jun-7-23						
Rating Type		Control	STUNTING	BLEACHING	NECROSIS	CONTROL						
Rating Unit		%	%	%	%	%						
Rating Min/Max/Interval		0, 100, -	0, 100, -	0, 100, -	0, 100, -	0, 100, -						
Pest Type		W, Weed				W, Weed						
Pest Code		MOLVE				AMAPA						
Pest Name		carpetweed				Palmer amaranth						
Days After First/Last Applic.		20, 20	34, 7	34, 7	34, 7	34, 7						
Trt-Eval Interval		20 DA-A	34 DA-A	34 DA-A	34 DA-A	34 DA-A						
Plant-Eval Interval		21 DP-1	35 DP-1	35 DP-1	35 DP-1	35 DP-1						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Timing	14*	15*	16*	17*	18*
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	5.0 bc	0.0 c	10.0 a	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	STRONGARM	84	WG	0.225 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	1.3 de	0.0 c	10.0 a	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	VALOR EZ	4	SC	1.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	6.2 b	2.5 b	10.0 a	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE						
	BRAKE	1.2	SL	12.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	2.5 cde	5.0 a	10.0 a	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	BRAKE	1.2	SL	12.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
12	NTC							0.0 b	0.0 e	0.0 c	0.0 d	0.0 b
	LSD P=.10							.	3.19	1.59	1.93	.
	Standard Deviation							0.00	2.66	1.33	1.61	0.00
	CV							0.0	88.12	159.54	24.91	0.0
	Grand Mean							82.50	3.02	0.83	6.46	82.50
	Bartlett's X2^							.	18.617	52.989*	12.879	.
	P(Bartlett's X2)							.	0.068	0.00*	0.301	.
	Replicate F							0.000	1.053	0.786	3.488	0.000
	Replicate Prob(F)							1.0000	0.3820	0.5105	0.0265	1.0000
	Treatment F							0.000	4.884	5.357	27.585	0.000
	Treatment Prob(F)							1.0000	0.0002	0.0001	0.0001	1.0000

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 \* Adjusted means  
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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID: Location: Trial Year: 2023  
 Project ID: Project ID 2: Project ID 3:  
 Study Director: Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date				Jun-7-23	Jun-7-23	Jun-7-23	Jun-28-23	
Rating Type	Rating Unit	Rating Min/Max/Interval	Pest Type	Pest Code	Pest Name	Days After First/Last Applic.	Trt-Eval Interval	Plant-Eval Interval
CONTROL	%	0, 100, -	W, Weed	RAPRA	Wild radish	34, 7	34 DA-A	35 DP-1
CONTROL	%	0, 100, -	W, Weed	AGRASS	Annual grasses	34, 7	34 DA-A	35 DP-1
CONTROL	%	0, 100, -	W, Weed	IAQTA	small-flower mo>	34, 7	34 DA-A	35 DP-1
							55, 28	56 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	
1	NTC							
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		
	VALOR EZ	4	SC	3.0 oz/a	A	PRE		
	STRONGARM	84	WG	0.225 oz/a	A	PRE		
	CADRE	2	AS	4.0 oz/a	C	POST2		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2		
	2,4-DB	2	SL	16.0 oz/a	C	POST2		
3	SONALAN	3	EC	32.0 oz/a	A	PRE		
	VALOR EZ	4	SC	3.0 oz/a	A	PRE		
	STRONGARM	84	WG	0.225 oz/a	A	PRE		
	CADRE	2	AS	4.0 oz/a	C	POST2		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2		
	2,4-DB	2	SL	16.0 oz/a	C	POST2		
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		
	CAPAROL	4	L	24.0 oz/a	A	PRE		
	CADRE	2	AS	4.0 oz/a	B	POST1		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		
	CAPAROL	4	L	32.0 oz/a	A	PRE		
	CADRE	2	AS	4.0 oz/a	B	POST1		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		
	CAPAROL	4	L	24.0 oz/a	A	PRE		
	STRONGARM	84	WG	0.225 oz/a	A	PRE		
	CADRE	2	AS	4.0 oz/a	B	POST1		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		
	CAPAROL	4	L	24.0 oz/a	A	PRE		
	VALOR EZ	4	SC	1.0 oz/a	A	PRE		
	CADRE	2	AS	4.0 oz/a	B	POST1		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		

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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date				Jun-7-23	Jun-7-23	Jun-7-23	Jun-28-23				
Rating Type				CONTROL	CONTROL	CONTROL	Stunting				
Rating Unit				%	%	%	%				
Rating Min/Max/Interval				0, 100, -	0, 100, -	0, 100, -	0, 100, -				
Pest Type				W, Weed	W, Weed	W, Weed					
Pest Code				RAPRA	AGRASS	IAQTA					
Pest Name				Wild radish	Annual grasses	small-flower mo>					
Days After First/Last Applic.				34, 7	34, 7	34, 7	55, 28				
Trt-Eval Interval				34 DA-A	34 DA-A	34 DA-A	55 DA-A				
Plant-Eval Interval				35 DP-1	35 DP-1	35 DP-1	56 DP-1				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Timing	19*	20*	21*	22*
8	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	99.0 a	96.0 ab	99.0 a	1.3 c
	CAPAROL	4	L	32.0	oz/a	A	PRE				
	STRONGARM	84	WG	0.225	oz/a	A	PRE				
	CADRE	2	AS	4.0	oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1				
	2,4-DB	2	SL	16.0	oz/a	B	POST1				
	COBRA	2	EC	12.5	oz/a	B	POST1				
9	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	99.0 a	94.5 abc	99.0 a	1.3 c
	CAPAROL	4	L	32.0	oz/a	A	PRE				
	VALOR EZ	4	SC	1.0	oz/a	A	PRE				
	CADRE	2	AS	4.0	oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1				
	2,4-DB	2	SL	16.0	oz/a	B	POST1				
	COBRA	2	EC	12.5	oz/a	B	POST1				
10	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	99.0 a	95.7 ab	99.0 a	1.3 c
	CAPAROL	4	L	24.0	oz/a	A	PRE				
	BRAKE	1.2	SL	12.0	oz/a	A	PRE				
	CADRE	2	AS	4.0	oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1				
	2,4-DB	2	SL	16.0	oz/a	B	POST1				
	COBRA	2	EC	12.5	oz/a	B	POST1				
11	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	99.0 a	97.0 a	99.0 a	3.8 b
	CAPAROL	4	L	32.0	oz/a	A	PRE				
	BRAKE	1.2	SL	12.0	oz/a	A	PRE				
	CADRE	2	AS	4.0	oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1				
	2,4-DB	2	SL	16.0	oz/a	B	POST1				
	COBRA	2	EC	12.5	oz/a	B	POST1				
12	NTC							0.0 b	0.0 d	0.0 c	0.0 c
LSD P=.10								.	4.56	0.69	2.33
Standard Deviation								0.00	3.81	0.58	1.95
CV								0.0	4.8	0.7	124.82
Grand Mean								82.50	79.40	82.42	1.56
Bartlett's X2^								.	17.589	64.208*	31.775*
P(Bartlett's X2)								.	0.092	0.00*	0.001*
Replicate F								0.000	3.168	1.000	0.502
Replicate Prob(F)								1.0000	0.0372	0.4051	0.6835
Treatment F								0.000	379.504	17785.000	4.220
Treatment Prob(F)								1.0000	0.0001	0.0001	0.0006

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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date				Jun-28-23	Jun-28-23	Jun-28-23	Jul-24-23	
Rating Type	Rating Unit	Rating Min/Max/Interval	Pest Type	Pest Code	Pest Name	Days After First/Last Applic.	Trt-Eval Interval	Plant-Eval Interval
				Control %	Control %	Control %	CONTROL %	
				0, 100, -	0, 100, -	0, 100, -	0, 100, -	
				W, Weed AMAPA	W, Weed RAPRA	W, Weed AGRASS	W, Weed AMAPA	
				Palmer amaranth 55, 28	Wild radish 55, 28	Annual grasses 55, 28	Palmer amaranth 81, 54	
				55 DA-A	55 DA-A	55 DA-A	81 DA-A	
				56 DP-1	56 DP-1	56 DP-1	82 DP-1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	
								23*
								24*
								25*
								26*
1	NTC							0.0 b
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a
	VALOR EZ	4	SC	3.0 oz/a	A	PRE		99.0 a
	STRONGARM	84	WG	0.225 oz/a	A	PRE		99.0 a
	CADRE	2	AS	4.0 oz/a	C	POST2		99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2		99.0 a
	2,4-DB	2	SL	16.0 oz/a	C	POST2		99.0 a
3	SONALAN	3	EC	32.0 oz/a	A	PRE		99.0 a
	VALOR EZ	4	SC	3.0 oz/a	A	PRE		99.0 a
	STRONGARM	84	WG	0.225 oz/a	A	PRE		99.0 a
	CADRE	2	AS	4.0 oz/a	C	POST2		99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2		99.0 a
	2,4-DB	2	SL	16.0 oz/a	C	POST2		99.0 a
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE		99.0 a
	CADRE	2	AS	4.0 oz/a	B	POST1		99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		99.0 a
	2,4-DB	2	SL	16.0 oz/a	B	POST1		99.0 a
	COBRA	2	EC	12.5 oz/a	B	POST1		99.0 a
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE		99.0 a
	CADRE	2	AS	4.0 oz/a	B	POST1		99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		99.0 a
	2,4-DB	2	SL	16.0 oz/a	B	POST1		99.0 a
	COBRA	2	EC	12.5 oz/a	B	POST1		99.0 a
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE		99.0 a
	STRONGARM	84	WG	0.225 oz/a	A	PRE		99.0 a
	CADRE	2	AS	4.0 oz/a	B	POST1		99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		99.0 a
	2,4-DB	2	SL	16.0 oz/a	B	POST1		99.0 a
	COBRA	2	EC	12.5 oz/a	B	POST1		99.0 a
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE		99.0 a
	VALOR EZ	4	SC	1.0 oz/a	A	PRE		99.0 a
	CADRE	2	AS	4.0 oz/a	B	POST1		99.0 a
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		99.0 a
	2,4-DB	2	SL	16.0 oz/a	B	POST1		99.0 a
	COBRA	2	EC	12.5 oz/a	B	POST1		99.0 a

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.  
 Due to missing data, larger LSD values (col. 29: >=2.03 and <=2.53) are used for mean comparisons of treatment pairs with missing data.  
 \* Adjusted means  
 Could not calculate LSD (% mean diff) for columns 14,18,19,23,24,25,26 because error mean square = 0.  
 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date							Jun-28-23	Jun-28-23	Jun-28-23	Jul-24-23
Rating Type							Control	Control	Control	CONTROL
Rating Unit							%	%	%	%
Rating Min/Max/Interval							0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type							W, Weed	W, Weed	W, Weed	W, Weed
Pest Code							AMAPA	RAPRA	AGRASS	AMAPA
Pest Name							Palmer amaranth	Wild radish	Annual grasses	Palmer amaranth
Days After First/Last Applic.							55, 28	55, 28	55, 28	81, 54
Trt-Eval Interval							55 DA-A	55 DA-A	55 DA-A	81 DA-A
Plant-Eval Interval							56 DP-1	56 DP-1	56 DP-1	82 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	23*	24*	25*	26*
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	99.0 a	99.0 a	99.0 a	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE				
	STRONGARM	84	WG	0.225 oz/a	A	PRE				
	CADRE	2	AS	4.0 oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	99.0 a	99.0 a	99.0 a	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE				
	VALOR EZ	4	SC	1.0 oz/a	A	PRE				
	CADRE	2	AS	4.0 oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	99.0 a	99.0 a	99.0 a	99.0 a
	CAPAROL	4	L	24.0 oz/a	A	PRE				
	BRAKE	1.2	SL	12.0 oz/a	A	PRE				
	CADRE	2	AS	4.0 oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	99.0 a	99.0 a	99.0 a	99.0 a
	CAPAROL	4	L	32.0 oz/a	A	PRE				
	BRAKE	1.2	SL	12.0 oz/a	A	PRE				
	CADRE	2	AS	4.0 oz/a	B	POST1				
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
12	NTC						0.0 b	0.0 b	0.0 b	0.0 b
LSD P=.10							.	.	.	.
Standard Deviation							0.00	0.00	0.00	0.00
CV							0.0	0.0	0.0	0.0
Grand Mean							82.50	82.50	82.50	82.50
Bartlett's X2^							.	.	.	.
P(Bartlett's X2)							.	.	.	.
Replicate F							0.000	0.000	0.000	0.000
Replicate Prob(F)							1.0000	1.0000	1.0000	1.0000
Treatment F							0.000	0.000	0.000	0.000
Treatment Prob(F)							1.0000	1.0000	1.0000	1.0000

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.  
 Due to missing data, larger LSD values (col. 29: >=2.03 and <=2.53) are used for mean comparisons of treatment pairs with missing data.  
 \* Adjusted means  
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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						Jul-24-23	Jul-24-23	Sep-26-23	Sep-26-23	Sep-26-23
Rating Type						CONTROL	CONTROL	LBS/PLOT-D	LBS/PLOT-C	YIELD
Rating Unit						%	%			LBS/A
Rating Min/Max/Interval						0, 100, -	0, 100, -			
Pest Type						W, Weed	W, Weed			
Pest Code						AGRASS	IPOLA			
Pest Name						Annual grasses	pitted morning >			
Days After First/Last Applic.						81, 54	81, 54	145, 118	145, 118	145, 118
Trt-Eval Interval						81 DA-A	81 DA-A	145 DA-A	145 DA-A	145 DA-A
Plant-Eval Interval						82 DP-1	82 DP-1	146 DP-1	146 DP-1	146 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit Code Timing	27*	28*	29*	30*	31*
1	NTC					0.0 b	0.0 c	0.0 c	0.0 c	0 c
2	PROWL H20	3.8	SC	32.0 oz/a	A PRE	98.0 a	99.0 a	19.5 ab	19.1 ab	5445 ab
	VALOR EZ	4	SC	3.0 oz/a	A PRE					
	STRONGARM	84	WG	0.225 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	C POST2					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C POST2					
	2,4-DB	2	SL	16.0 oz/a	C POST2					
3	SONALAN	3	EC	32.0 oz/a	A PRE	99.0 a	99.0 a	19.8 ab	19.4 ab	5524 ab
	VALOR EZ	4	SC	3.0 oz/a	A PRE					
	STRONGARM	84	WG	0.225 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	C POST2					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C POST2					
	2,4-DB	2	SL	16.0 oz/a	C POST2					
4	PROWL H20	3.8	SC	32.0 oz/a	A PRE	97.0 a	98.0 b	20.5 ab	20.0 ab	5710 ab
	CAPAROL	4	L	24.0 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
5	PROWL H20	3.8	SC	32.0 oz/a	A PRE	97.0 a	99.0 a	21.3 a	20.9 a	5954 a
	CAPAROL	4	L	32.0 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
6	PROWL H20	3.8	SC	32.0 oz/a	A PRE	98.0 a	99.0 a	21.0 ab	20.6 ab	5864 ab
	CAPAROL	4	L	24.0 oz/a	A PRE					
	STRONGARM	84	WG	0.225 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					
7	PROWL H20	3.8	SC	32.0 oz/a	A PRE	99.0 a	99.0 a	20.5 ab	20.1 ab	5723 ab
	CAPAROL	4	L	24.0 oz/a	A PRE					
	VALOR EZ	4	SC	1.0 oz/a	A PRE					
	CADRE	2	AS	4.0 oz/a	B POST1					
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B POST1					
	2,4-DB	2	SL	16.0 oz/a	B POST1					
	COBRA	2	EC	12.5 oz/a	B POST1					

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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date		Jul-24-23		Jul-24-23		Sep-26-23		Sep-26-23		Sep-26-23		
Rating Type		CONTROL		CONTROL		LBS/PLOT-D		LBS/PLOT-C		YIELD		
Rating Unit		%		%						LBS/A		
Rating Min/Max/Interval		0, 100, -		0, 100, -								
Pest Type		W, Weed		W, Weed								
Pest Code		AGRASS		IPOLA								
Pest Name		Annual grasses		pitted morning >								
Days After First/Last Applic.		81, 54		81, 54		145, 118		145, 118		145, 118		
Trt-Eval Interval		81 DA-A		81 DA-A		145 DA-A		145 DA-A		145 DA-A		
Plant-Eval Interval		82 DP-1		82 DP-1		146 DP-1		146 DP-1		146 DP-1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Timing	27*	28*	29*	30*	31*
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		99.0 a	98.0 b	19.9 ab	19.5 ab	5556 ab
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	STRONGARM	84	WG	0.225 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		97.0 a	99.0 a	20.7 ab	20.2 ab	5766 ab
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	VALOR EZ	4	SC	1.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		97.0 a	99.0 a	18.6 b	18.2 b	5179 b
	CAPAROL	4	L	24.0 oz/a	A	PRE						
	BRAKE	1.2	SL	12.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE		97.0 a	99.0 a	20.3 ab	19.9 ab	5675 ab
	CAPAROL	4	L	32.0 oz/a	A	PRE						
	BRAKE	1.2	SL	12.0 oz/a	A	PRE						
	CADRE	2	AS	4.0 oz/a	B	POST1						
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
12	NTC							0.0 b	0.0 c	0.0 c	0.0 c	0 c
	LSD P=.10							2.10	0.99	2.03	1.99	567.7
	Standard Deviation							1.75	0.83	1.69	1.66	472.5
	CV							2.15	1.01	10.25	10.25	10.25
	Grand Mean							81.50	82.33	16.51	16.18	4609.0
	Bartlett's X2^							39.445*	66.538*	.	.	.
	P(Bartlett's X2)							0.00*	0.00*	.	.	.
	Replicate F							0.289	0.647	1.030	1.030	1.030
	Replicate Prob(F)							0.8327	0.5904	0.3937	0.3937	0.3937
	Treatment F							1888.697	8613.882	85.310	85.310	85.310
	Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001

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 \* Adjusted means  
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 ^Calculated from residual.

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

### Rating Type

YIELD = yield

### Rating Unit

%, 0, 100, = percent

### Pest Type

W, Weed = Weed or volunteer crop

### Pest Code

RAPRA, Raphanus raphanistrum, Wild radish = US

AMAPA, Amaranthus palmeri, Palmer amaranth = US

IPOLA, Ipomoea lacunosa, pitted morning glory = US

MOLVE, Mollugo verticillata, carpetweed = US

IAQTA, Jacquemontia tamnifolia, small-flower morning glory = US

### Plant-Eval Interval

15 DP-1 = 1 ARHHY May-3-23

21 DP-1 = 1 ARHHY May-3-23

35 DP-1 = 1 ARHHY May-3-23

56 DP-1 = 1 ARHHY May-3-23

82 DP-1 = 1 ARHHY May-3-23

146 DP-1 = 1 ARHHY May-3-23

### ARM Action Codes

T1 = [29]\*0.98

TY2 = 284.91466667\*[30]

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							May-18-23	May-18-23	May-18-23	May-18-23	May-18-23		
							Stunting	Necrosis	Bleaching	Control	Control		
							%	%	%	%	%		
							0, 100, -	0, 100, -	0, 100, -	0, 100, -	0, 100, -		
										W, Weed	W, Weed		
										RAPRA	AMAPA		
										Wild radish	Palmer amaranth		
							14, 14	14, 14	14, 14	14, 14	14, 14		
							14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A		
							15 DP-1	15 DP-1	15 DP-1	15 DP-1	15 DP-1		
Trt	Treatment	Form	Form	Rate	Appl	Appl							
No.	Name	Conc	Type	Rate	Unit	Code	Timing	Plot	1	2	3	4	5
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0	0.0
								302	0.0	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
								Adj =	0.0	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	102	30.0	5.0	0.0	95.0	99.0
	VALOR EZ	4	SC	3.0	oz/a	A	PRE	211	25.0	5.0	0.0	95.0	99.0
	STRONGARM	84	WG	0.225	oz/a	A	PRE	309	25.0	0.0	0.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	C	POST2	407	30.0	5.0	0.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	C	POST2						
	2,4-DB	2	SL	16.0	oz/a	C	POST2						
								Mean =	27.5	3.8	0.0	93.8	99.0
								Adj =	27.5	3.8	0.0	93.7	99.0
3	SONALAN	3	EC	32.0	oz/a	A	PRE	103	30.0	0.0	0.0	95.0	99.0
	VALOR EZ	4	SC	3.0	oz/a	A	PRE	201	25.0	5.0	0.0	95.0	99.0
	STRONGARM	84	WG	0.225	oz/a	A	PRE	305	15.0	0.0	0.0	90.0	99.0
	CADRE	2	AS	4.0	oz/a	C	POST2	408	30.0	5.0	0.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	C	POST2						
	2,4-DB	2	SL	16.0	oz/a	C	POST2						
								Mean =	25.0	2.5	0.0	92.5	99.0
								Adj =	25.0	2.5	0.0	92.5	99.0
4	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	104	5.0	0.0	0.0	0.0	99.0
	CAPAROL	4	L	24.0	oz/a	A	PRE	212	5.0	0.0	0.0	60.0	99.0
	CADRE	2	AS	4.0	oz/a	B	POST1	307	5.0	0.0	0.0	50.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1	406	5.0	0.0	0.0	60.0	99.0
	2,4-DB	2	SL	16.0	oz/a	B	POST1						
	COBRA	2	EC	12.5	oz/a	B	POST1						
								Mean =	5.0	0.0	0.0	42.5	96.8
								Adj =	5.0	0.0	0.0	42.5	96.8
5	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	105	10.0	0.0	0.0	0.0	99.0
	CAPAROL	4	L	32.0	oz/a	A	PRE	208	0.0	0.0	0.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	B	POST1	310	10.0	0.0	0.0	60.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1	403	10.0	0.0	0.0	50.0	99.0
	2,4-DB	2	SL	16.0	oz/a	B	POST1						
	COBRA	2	EC	12.5	oz/a	B	POST1						
								Mean =	7.5	0.0	0.0	27.5	98.0
								Adj =	7.5	0.0	0.0	27.5	98.0
6	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	106	10.0	5.0	0.0	65.0	99.0
	CAPAROL	4	L	24.0	oz/a	A	PRE	204	10.0	0.0	0.0	60.0	99.0
	STRONGARM	84	WG	0.225	oz/a	A	PRE	312	5.0	0.0	0.0	50.0	99.0
	CADRE	2	AS	4.0	oz/a	B	POST1	411	10.0	0.0	0.0	50.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1						
	2,4-DB	2	SL	16.0	oz/a	B	POST1						
	COBRA	2	EC	12.5	oz/a	B	POST1						
								Mean =	8.8	1.3	0.0	56.3	99.0
								Adj =	8.7	1.3	0.0	56.3	99.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							May-18-23	May-18-23	May-18-23	May-18-23	May-18-23
							Stunting	Necrosis	Bleaching	Control	Control
							%	%	%	%	%
							0, 100, -	0, 100, -	0, 100, -	0, 100, -	0, 100, -
										W, Weed	W, Weed
										RAPRA	AMAPA
										Wild radish	Palmer amaranth
							14, 14	14, 14	14, 14	14, 14	14, 14
							14 DA-A	14 DA-A	14 DA-A	14 DA-A	14 DA-A
							15 DP-1	15 DP-1	15 DP-1	15 DP-1	15 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing Plot	1	2	3	4	5
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 107	10.0	0.0	0.0	65.0	99.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 209	10.0	0.0	0.0	30.0	99.0
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 308	10.0	0.0	0.0	65.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1 401	15.0	0.0	0.0	50.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =	11.3	0.0	0.0	52.5	99.0
						Adj =	11.3	0.0	0.0	52.5	99.0
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 108	5.0	0.0	0.0	0.0	99.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 206	15.0	0.0	0.0	60.0	99.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE 304	10.0	0.0	0.0	75.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1 412	5.0	0.0	0.0	50.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =	8.8	0.0	0.0	46.3	98.0
						Adj =	8.8	0.0	0.0	46.3	98.0
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 109	10.0	0.0	0.0	65.0	99.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 205	10.0	0.0	0.0	75.0	99.0
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 306	10.0	0.0	0.0	65.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1 410	15.0	0.0	0.0	85.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =	11.3	0.0	0.0	72.5	99.0
						Adj =	11.3	0.0	0.0	72.5	99.0
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 110	10.0	0.0	10.0	65.0	95.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 202	10.0	0.0	10.0	65.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 303	5.0	0.0	10.0	60.0	95.0
	CADRE	2	AS	4.0 oz/a	B	POST1 402	10.0	0.0	15.0	50.0	90.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =	8.8	0.0	11.3	60.0	94.8
						Adj =	8.7	0.0	11.3	60.0	94.7
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 111	10.0	0.0	10.0	70.0	99.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 203	10.0	0.0	15.0	60.0	99.0
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 311	5.0	0.0	10.0	50.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1 409	10.0	0.0	15.0	50.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =	8.8	0.0	12.5	57.5	98.0
						Adj =	8.7	0.0	12.5	57.5	98.0



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## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:                      Trial Year: 2023  
 Project ID:                      Project ID 2:                      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						May-18-23	May-18-23	May-24-23	May-24-23
Rating Type						Control	Control	Stunting	Necrosis
Rating Unit						%	%	%	%
Rating Min/Max/Interval						0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type						W, Weed	W, Weed		
Pest Code						AGRASS	IPOLA		
Pest Name						Annual grasses	pitted morning >		
Days After First/Last Applic.						14, 14	14, 14	20, 20	20, 20
Trt-Eval Interval						14 DA-A	14 DA-A	20 DA-A	20 DA-A
Plant-Eval Interval						15 DP-1	15 DP-1	21 DP-1	21 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	Plot	
1	NTC							101	
								210	
								302	
								405	
								Mean =	
								Adj =	
2	PROWL H20	3.8 SC		32.0 oz/a	A	PRE		102	
	VALOR EZ	4 SC		3.0 oz/a	A	PRE		211	
	STRONGARM	84 WG	0.225 oz/a	A	PRE			309	
	CADRE	2 AS		4.0 oz/a	C	POST2		407	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	C	POST2			
	2,4-DB	2 SL		16.0 oz/a	C	POST2			
								Mean =	
								Adj =	
3	SONALAN	3 EC		32.0 oz/a	A	PRE		103	
	VALOR EZ	4 SC		3.0 oz/a	A	PRE		201	
	STRONGARM	84 WG	0.225 oz/a	A	PRE			305	
	CADRE	2 AS		4.0 oz/a	C	POST2		408	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	C	POST2			
	2,4-DB	2 SL		16.0 oz/a	C	POST2			
								Mean =	
								Adj =	
4	PROWL H20	3.8 SC		32.0 oz/a	A	PRE		104	
	CAPAROL	4 L		24.0 oz/a	A	PRE		212	
	CADRE	2 AS		4.0 oz/a	B	POST1		307	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	B	POST1		406	
	2,4-DB	2 SL		16.0 oz/a	B	POST1			
	COBRA	2 EC		12.5 oz/a	B	POST1			
								Mean =	
								Adj =	
5	PROWL H20	3.8 SC		32.0 oz/a	A	PRE		105	
	CAPAROL	4 L		32.0 oz/a	A	PRE		208	
	CADRE	2 AS		4.0 oz/a	B	POST1		310	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	B	POST1		403	
	2,4-DB	2 SL		16.0 oz/a	B	POST1			
	COBRA	2 EC		12.5 oz/a	B	POST1			
								Mean =	
								Adj =	
6	PROWL H20	3.8 SC		32.0 oz/a	A	PRE		106	
	CAPAROL	4 L		24.0 oz/a	A	PRE		204	
	STRONGARM	84 WG	0.225 oz/a	A	PRE			312	
	CADRE	2 AS		4.0 oz/a	B	POST1		411	
	DUAL MAGNUM	7.62 EC		16.0 oz/a	B	POST1			
	2,4-DB	2 SL		16.0 oz/a	B	POST1			
	COBRA	2 EC		12.5 oz/a	B	POST1			
								Mean =	
								Adj =	

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## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							May-18-23	May-18-23	May-24-23	May-24-23
							Control	Control	Stunting	Necrosis
							%	%	%	%
							0, 100, -	0, 100, -	0, 100, -	0, 100, -
							W, Weed	W, Weed		
							AGRASS	IPOLA		
							Annual grasses	pitted morning >		
							14, 14	14, 14	20, 20	20, 20
							14 DA-A	14 DA-A	20 DA-A	20 DA-A
							15 DP-1	15 DP-1	21 DP-1	21 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Appl Unit	Appl Code Timing Plot	6	7	8	9
7	PROWL H20	3.8	SC	32.0	oz/a	A PRE 107	99.0	90.0	0.0	0.0
	CAPAROL	4	L	24.0	oz/a	A PRE 209	99.0	90.0	5.0	0.0
	VALOR EZ	4	SC	1.0	oz/a	A PRE 308	99.0	95.0	5.0	0.0
	CADRE	2	AS	4.0	oz/a	B POST1 401	95.0	85.0	10.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	98.0	90.0	5.0	0.0
						Adj =	98.0	90.0	5.0	0.0
8	PROWL H20	3.8	SC	32.0	oz/a	A PRE 108	95.0	99.0	0.0	0.0
	CAPAROL	4	L	32.0	oz/a	A PRE 206	65.0	85.0	10.0	0.0
	STRONGARM	84	WG	0.225	oz/a	A PRE 304	95.0	75.0	10.0	0.0
	CADRE	2	AS	4.0	oz/a	B POST1 412	95.0	65.0	10.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	87.5	81.0	7.5	0.0
						Adj =	87.5	81.0	7.5	0.0
9	PROWL H20	3.8	SC	32.0	oz/a	A PRE 109	95.0	95.0	0.0	0.0
	CAPAROL	4	L	32.0	oz/a	A PRE 205	75.0	95.0	0.0	0.0
	VALOR EZ	4	SC	1.0	oz/a	A PRE 306	65.0	65.0	10.0	0.0
	CADRE	2	AS	4.0	oz/a	B POST1 410	99.0	90.0	10.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	83.5	86.3	5.0	0.0
						Adj =	83.5	86.3	5.0	0.0
10	PROWL H20	3.8	SC	32.0	oz/a	A PRE 110	99.0	90.0	0.0	0.0
	CAPAROL	4	L	24.0	oz/a	A PRE 202	85.0	75.0	5.0	5.0
	BRAKE	1.2	SL	12.0	oz/a	A PRE 303	95.0	65.0	10.0	5.0
	CADRE	2	AS	4.0	oz/a	B POST1 402	99.0	75.0	10.0	10.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	94.5	76.3	6.3	5.0
						Adj =	94.5	76.2	6.2	5.0
11	PROWL H20	3.8	SC	32.0	oz/a	A PRE 111	95.0	95.0	10.0	5.0
	CAPAROL	4	L	32.0	oz/a	A PRE 203	85.0	75.0	10.0	5.0
	BRAKE	1.2	SL	12.0	oz/a	A PRE 311	95.0	95.0	5.0	5.0
	CADRE	2	AS	4.0	oz/a	B POST1 409	95.0	95.0	10.0	5.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	92.5	90.0	8.8	5.0
						Adj =	92.5	90.0	8.7	5.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	May-18-23	May-18-23	May-24-23	May-24-23
Rating Type	Control	Control	Stunting	Necrosis
Rating Unit	%	%	%	%
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type	W, Weed	W, Weed		
Pest Code	AGRASS	IPOLA		
Pest Name	Annual grasses	pitted morning >		
Days After First/Last Applic.	14, 14	14, 14	20, 20	20, 20
Trt-Eval Interval	14 DA-A	14 DA-A	20 DA-A	20 DA-A
Plant-Eval Interval	15 DP-1	15 DP-1	21 DP-1	21 DP-1
Trt Treatment	Form Form	Rate Appl	Appl	
No. Name	Conc Type Rate	Unit Code	Timing	Plot
				6
				7
				8
				9
12 NTC				112
				0.0
				207
				0.0
				301
				0.0
				404
				0.0
				Mean =
				0.0
				Adj =
				0.0

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## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							May-24-23	May-24-23	May-24-23	May-24-23
							Control	Control	Control	Control
							%	%	%	%
							0, 100, -	0, 100, -	0, 100, -	0, 100, -
							W, Weed	W, Weed	W, Weed	W, Weed
							AMAPA	RAPRA	AGRASS	IPOLA
							Palmer amaranth	Wild radish	Annual grasses	pitted morning >
							20, 20	20, 20	20, 20	20, 20
							20 DA-A	20 DA-A	20 DA-A	20 DA-A
							21 DP-1	21 DP-1	21 DP-1	21 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing Plot	10	11	12	13
1	NTC					101	0.0	0.0	0.0	0.0
						210	0.0	0.0	0.0	0.0
						302	0.0	0.0	0.0	0.0
						405	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0
						Adj =	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 102	99.0	95.0	85.0	95.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE 211	99.0	95.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE 309	99.0	95.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	C	POST2 407	85.0	95.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2				
	2,4-DB	2	SL	16.0 oz/a	C	POST2				
						Mean =	95.5	95.0	95.5	98.0
						Adj =	95.5	95.0	95.5	98.0
3	SONALAN	3	EC	32.0 oz/a	A	PRE 103	99.0	95.0	95.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE 201	99.0	85.0	90.0	95.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE 305	95.0	85.0	75.0	85.0
	CADRE	2	AS	4.0 oz/a	C	POST2 408	99.0	85.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2				
	2,4-DB	2	SL	16.0 oz/a	C	POST2				
						Mean =	98.0	87.5	88.8	94.5
						Adj =	98.0	87.5	88.8	94.5
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 104	85.0	50.0	50.0	95.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 212	90.0	65.0	95.0	50.0
	CADRE	2	AS	4.0 oz/a	B	POST1 307	95.0	50.0	60.0	75.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1 406	85.0	65.0	75.0	75.0
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	88.8	57.5	70.0	73.8
						Adj =	88.8	57.5	70.0	73.8
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 105	85.0	50.0	65.0	90.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 208	75.0	30.0	95.0	65.0
	CADRE	2	AS	4.0 oz/a	B	POST1 310	85.0	75.0	90.0	50.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1 403	85.0	40.0	95.0	50.0
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	82.5	48.8	86.3	63.8
						Adj =	82.5	48.8	86.3	63.8
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 106	95.0	85.0	75.0	95.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 204	90.0	50.0	85.0	85.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE 312	90.0	75.0	95.0	90.0
	CADRE	2	AS	4.0 oz/a	B	POST1 411	80.0	70.0	85.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	88.8	70.0	85.0	91.3
						Adj =	88.8	70.0	85.0	91.3

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							May-24-23	May-24-23	May-24-23	May-24-23
							Control	Control	Control	Control
							%	%	%	%
							0, 100, -	0, 100, -	0, 100, -	0, 100, -
							W, Weed	W, Weed	W, Weed	W, Weed
							AMAPA	RAPRA	AGRASS	IPOLA
							Palmer amaranth	Wild radish	Annual grasses	pitted morning >
							20, 20	20, 20	20, 20	20, 20
							20 DA-A	20 DA-A	20 DA-A	20 DA-A
							21 DP-1	21 DP-1	21 DP-1	21 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing Plot	10	11	12	13
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 107	95.0	60.0	95.0	90.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 209	85.0	60.0	95.0	95.0
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 308	95.0	65.0	95.0	95.0
	CADRE	2	AS	4.0 oz/a	B	POST1 401	95.0	50.0	95.0	65.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	92.5	58.8	95.0	86.3
						Adj =	92.5	58.8	95.0	86.2
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 108	85.0	50.0	95.0	95.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 206	90.0	82.0	85.0	95.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE 304	95.0	75.0	95.0	65.0
	CADRE	2	AS	4.0 oz/a	B	POST1 412	75.0	65.0	85.0	50.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	86.3	68.0	90.0	76.3
						Adj =	86.3	68.0	90.0	76.3
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 109	95.0	60.0	99.0	85.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 205	95.0	65.0	85.0	95.0
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 306	95.0	65.0	60.0	65.0
	CADRE	2	AS	4.0 oz/a	B	POST1 410	95.0	80.0	95.0	85.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	95.0	67.5	84.8	82.5
						Adj =	95.0	67.5	84.8	82.5
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 110	99.0	85.0	95.0	95.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 202	95.0	65.0	65.0	65.0
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 303	80.0	65.0	85.0	60.0
	CADRE	2	AS	4.0 oz/a	B	POST1 402	80.0	50.0	90.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	88.5	66.3	83.8	78.8
						Adj =	88.5	66.3	83.7	78.7
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 111	95.0	75.0	75.0	75.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 203	90.0	60.0	85.0	75.0
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 311	85.0	60.0	90.0	50.0
	CADRE	2	AS	4.0 oz/a	B	POST1 409	85.0	60.0	95.0	95.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1				
	2,4-DB	2	SL	16.0 oz/a	B	POST1				
	COBRA	2	EC	12.5 oz/a	B	POST1				
						Mean =	88.8	63.8	86.3	73.8
						Adj =	88.7	63.8	86.2	73.7

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	May-24-23	May-24-23	May-24-23	May-24-23	
Rating Type	Control	Control	Control	Control	
Rating Unit	%	%	%	%	
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -	0, 100, -	
Pest Type	W, Weed	W, Weed	W, Weed	W, Weed	
Pest Code	AMAPA	RAPRA	AGRASS	IPOLA	
Pest Name	Palmer amaranth	Wild radish	Annual grasses	pitted morning >	
Days After First/Last Applic.	20, 20	20, 20	20, 20	20, 20	
Trt-Eval Interval	20 DA-A	20 DA-A	20 DA-A	20 DA-A	
Plant-Eval Interval	21 DP-1	21 DP-1	21 DP-1	21 DP-1	
Trt Treatment	Form Form	Rate Appl	Appl		
No. Name	Conc Type Rate	Unit Code	Timing Plot		
12 NTC					
		10	11	12	13
	112	0.0	0.0	0.0	0.0
	207	0.0	0.0	0.0	0.0
	301	0.0	0.0	0.0	0.0
	404	0.0	0.0	0.0	0.0
	Mean =	0.0	0.0	0.0	0.0
	Adj =	0.0	0.0	0.0	0.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date			May-24-23	Jun-7-23	Jun-7-23	Jun-7-23						
Rating Type			Control	STUNTING	BLEACHING	NECROSIS						
Rating Unit			%	%	%	%						
Rating Min/Max/Interval			0, 100, -	0, 100, -	0, 100, -	0, 100, -						
Pest Type			W, Weed									
Pest Code			MOLVE									
Pest Name			carpetweed									
Days After First/Last Applic.			20, 20	34, 7	34, 7	34, 7						
Trt-Eval Interval			20 DA-A	34 DA-A	34 DA-A	34 DA-A						
Plant-Eval Interval			21 DP-1	35 DP-1	35 DP-1	35 DP-1						
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	Plot	14	15	16	17
1	NTC							101	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0
								302	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0
								Adj =	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	102	102	99.0	10.0	0.0	0.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	211	211	99.0	10.0	0.0	5.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE	309	309	99.0	10.0	0.0	0.0
	CADRE	2	AS	4.0 oz/a	C	POST2	407	407	99.0	10.0	0.0	0.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
								Mean =	99.0	10.0	0.0	1.3
								Adj =	99.0	10.0	0.0	1.2
3	SONALAN	3	EC	32.0 oz/a	A	PRE	103	103	99.0	10.0	0.0	0.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	201	201	99.0	0.0	0.0	5.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE	305	305	99.0	0.0	0.0	0.0
	CADRE	2	AS	4.0 oz/a	C	POST2	408	408	99.0	5.0	0.0	5.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
								Mean =	99.0	3.8	0.0	2.5
								Adj =	99.0	3.8	0.0	2.5
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	104	104	99.0	0.0	0.0	5.0
	CAPAROL	4	L	24.0 oz/a	A	PRE	212	212	99.0	0.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1	307	307	99.0	0.0	0.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	406	406	99.0	0.0	0.0	10.0
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	99.0	0.0	0.0	8.8
								Adj =	99.0	0.0	0.0	8.8
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	105	105	99.0	0.0	0.0	5.0
	CAPAROL	4	L	32.0 oz/a	A	PRE	208	208	99.0	5.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1	310	310	99.0	0.0	0.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	403	403	99.0	5.0	0.0	5.0
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	99.0	2.5	0.0	7.5
								Adj =	99.0	2.5	0.0	7.5
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	106	106	99.0	5.0	0.0	5.0
	CAPAROL	4	L	24.0 oz/a	A	PRE	204	204	99.0	0.0	5.0	10.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE	312	312	99.0	0.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1	411	411	99.0	5.0	0.0	5.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	99.0	2.5	1.3	7.5
								Adj =	99.0	2.5	1.3	7.5

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							May-24-23	Jun-7-23	Jun-7-23	Jun-7-23	
							Control	STUNTING	BLEACHING	NECROSIS	
							%	%	%	%	
							0, 100, -	0, 100, -	0, 100, -	0, 100, -	
							W, Weed				
							MOLVE				
							carpetweed				
							20, 20	34, 7	34, 7	34, 7	
							20 DA-A	34 DA-A	34 DA-A	34 DA-A	
							21 DP-1	35 DP-1	35 DP-1	35 DP-1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing	Plot	14	15	16	17
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 107	107	99.0	5.0	0.0	10.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 209	209	99.0	0.0	0.0	10.0
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 308	308	99.0	0.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1 401	401	99.0	5.0	5.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =		99.0	2.5	1.3	10.0
						Adj =		99.0	2.5	1.3	10.0
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 108	108	99.0	10.0	0.0	10.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 206	206	99.0	5.0	0.0	10.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE 304	304	99.0	5.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1 412	412	99.0	0.0	0.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =		99.0	5.0	0.0	10.0
						Adj =		99.0	5.0	0.0	10.0
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 109	109	99.0	0.0	0.0	10.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 205	205	99.0	0.0	0.0	10.0
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 306	306	99.0	5.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1 410	410	99.0	0.0	0.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =		99.0	1.3	0.0	10.0
						Adj =		99.0	1.3	0.0	10.0
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 110	110	99.0	5.0	5.0	10.0
	CAPAROL	4	L	24.0 oz/a	A	PRE 202	202	99.0	5.0	0.0	10.0
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 303	303	99.0	10.0	0.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1 402	402	99.0	5.0	5.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =		99.0	6.3	2.5	10.0
						Adj =		99.0	6.2	2.5	10.0
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 111	111	99.0	5.0	5.0	10.0
	CAPAROL	4	L	32.0 oz/a	A	PRE 203	203	99.0	5.0	5.0	10.0
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 311	311	99.0	0.0	5.0	10.0
	CADRE	2	AS	4.0 oz/a	B	POST1 409	409	99.0	0.0	5.0	10.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1					
	2,4-DB	2	SL	16.0 oz/a	B	POST1					
	COBRA	2	EC	12.5 oz/a	B	POST1					
						Mean =		99.0	2.5	5.0	10.0
						Adj =		99.0	2.5	5.0	10.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	May-24-23	Jun-7-23	Jun-7-23	Jun-7-23								
Rating Type	Control	STUNTING	BLEACHING	NECROSIS								
Rating Unit	%	%	%	%								
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -	0, 100, -								
Pest Type	W, Weed											
Pest Code	MOLVE											
Pest Name	carpetweed											
Days After First/Last Applic.	20, 20	34, 7	34, 7	34, 7								
Trt-Eval Interval	20 DA-A	34 DA-A	34 DA-A	34 DA-A								
Plant-Eval Interval	21 DP-1	35 DP-1	35 DP-1	35 DP-1								
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	Plot	14	15	16	17
12	NTC							112	0.0	0.0	0.0	0.0
								207	0.0	0.0	0.0	0.0
								301	0.0	0.0	0.0	0.0
								404	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0
								Adj =	0.0	0.0	0.0	0.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date						Jun-7-23	Jun-7-23	Jun-7-23	Jun-7-23
Rating Type						CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit						%	%	%	%
Rating Min/Max/Interval						0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type						W, Weed	W, Weed	W, Weed	W, Weed
Pest Code						AMAPA	RAPRA	AGRASS	IAQTA
Pest Name						Palmer amaranth	Wild radish	Annual grasses	small-flower mo>
Days After First/Last Applic.						34, 7	34, 7	34, 7	34, 7
Trt-Eval Interval						34 DA-A	34 DA-A	34 DA-A	34 DA-A
Plant-Eval Interval						35 DP-1	35 DP-1	35 DP-1	35 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	Plot	
1	NTC							101	
								210	
								302	
								405	
								Mean =	
								Adj =	
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	102		
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	211		
	STRONGARM	84	WG	0.225 oz/a	A	PRE	309		
	CADRE	2	AS	4.0 oz/a	C	POST2	407		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2			
	2,4-DB	2	SL	16.0 oz/a	C	POST2			
								Mean =	
								Adj =	
3	SONALAN	3	EC	32.0 oz/a	A	PRE	103		
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	201		
	STRONGARM	84	WG	0.225 oz/a	A	PRE	305		
	CADRE	2	AS	4.0 oz/a	C	POST2	408		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2			
	2,4-DB	2	SL	16.0 oz/a	C	POST2			
								Mean =	
								Adj =	
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	104		
	CAPAROL	4	L	24.0 oz/a	A	PRE	212		
	CADRE	2	AS	4.0 oz/a	B	POST1	307		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	406		
	2,4-DB	2	SL	16.0 oz/a	B	POST1			
	COBRA	2	EC	12.5 oz/a	B	POST1			
								Mean =	
								Adj =	
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	105		
	CAPAROL	4	L	32.0 oz/a	A	PRE	208		
	CADRE	2	AS	4.0 oz/a	B	POST1	310		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	403		
	2,4-DB	2	SL	16.0 oz/a	B	POST1			
	COBRA	2	EC	12.5 oz/a	B	POST1			
								Mean =	
								Adj =	
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	106		
	CAPAROL	4	L	24.0 oz/a	A	PRE	204		
	STRONGARM	84	WG	0.225 oz/a	A	PRE	312		
	CADRE	2	AS	4.0 oz/a	B	POST1	411		
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1			
	2,4-DB	2	SL	16.0 oz/a	B	POST1			
	COBRA	2	EC	12.5 oz/a	B	POST1			
								Mean =	
								Adj =	

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID: Location: Trial Year: 2023  
 Project ID: Project ID 2: Project ID 3:  
 Study Director: Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	Jun-7-23	Jun-7-23	Jun-7-23	Jun-7-23
Rating Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -	0, 100, -
Pest Type	W, Weed	W, Weed	W, Weed	W, Weed
Pest Code	AMAPA	RAPRA	AGRASS	IAQTA
Pest Name	Palmer amaranth	Wild radish	Annual grasses	small-flower mo>
Days After First/Last Applic.	34, 7	34, 7	34, 7	34, 7
Trt-Eval Interval	34 DA-A	34 DA-A	34 DA-A	34 DA-A
Plant-Eval Interval	35 DP-1	35 DP-1	35 DP-1	35 DP-1
Trt Treatment	18	19	20	21
No. Name				
7 PROWL H20 3.8 SC 32.0 oz/a A PRE 107	99.0	99.0	95.0	99.0
CAPAROL 4 L 24.0 oz/a A PRE 209	99.0	99.0	99.0	99.0
VALOR EZ 4 SC 1.0 oz/a A PRE 308	99.0	99.0	99.0	99.0
CADRE 2 AS 4.0 oz/a B POST1 401	99.0	99.0	99.0	99.0
DUAL MAGNUM 7.62 EC 16.0 oz/a B POST1				
2,4-DB 2 SL 16.0 oz/a B POST1				
COBRA 2 EC 12.5 oz/a B POST1				
Mean =	99.0	99.0	98.0	99.0
Adj =	99.0	99.0	98.0	99.0
8 PROWL H20 3.8 SC 32.0 oz/a A PRE 108	99.0	99.0	95.0	99.0
CAPAROL 4 L 32.0 oz/a A PRE 206	99.0	99.0	95.0	99.0
STRONGARM 84 WG 0.225 oz/a A PRE 304	99.0	99.0	95.0	99.0
CADRE 2 AS 4.0 oz/a B POST1 412	99.0	99.0	99.0	99.0
DUAL MAGNUM 7.62 EC 16.0 oz/a B POST1				
2,4-DB 2 SL 16.0 oz/a B POST1				
COBRA 2 EC 12.5 oz/a B POST1				
Mean =	99.0	99.0	96.0	99.0
Adj =	99.0	99.0	96.0	99.0
9 PROWL H20 3.8 SC 32.0 oz/a A PRE 109	99.0	99.0	99.0	99.0
CAPAROL 4 L 32.0 oz/a A PRE 205	99.0	99.0	95.0	99.0
VALOR EZ 4 SC 1.0 oz/a A PRE 306	99.0	99.0	85.0	99.0
CADRE 2 AS 4.0 oz/a B POST1 410	99.0	99.0	99.0	99.0
DUAL MAGNUM 7.62 EC 16.0 oz/a B POST1				
2,4-DB 2 SL 16.0 oz/a B POST1				
COBRA 2 EC 12.5 oz/a B POST1				
Mean =	99.0	99.0	94.5	99.0
Adj =	99.0	99.0	94.5	99.0
10 PROWL H20 3.8 SC 32.0 oz/a A PRE 110	99.0	99.0	99.0	99.0
CAPAROL 4 L 24.0 oz/a A PRE 202	99.0	99.0	90.0	99.0
BRAKE 1.2 SL 12.0 oz/a A PRE 303	99.0	99.0	95.0	99.0
CADRE 2 AS 4.0 oz/a B POST1 402	99.0	99.0	99.0	99.0
DUAL MAGNUM 7.62 EC 16.0 oz/a B POST1				
2,4-DB 2 SL 16.0 oz/a B POST1				
COBRA 2 EC 12.5 oz/a B POST1				
Mean =	99.0	99.0	95.8	99.0
Adj =	99.0	99.0	95.7	99.0
11 PROWL H20 3.8 SC 32.0 oz/a A PRE 111	99.0	99.0	95.0	99.0
CAPAROL 4 L 32.0 oz/a A PRE 203	99.0	99.0	95.0	99.0
BRAKE 1.2 SL 12.0 oz/a A PRE 311	99.0	99.0	99.0	99.0
CADRE 2 AS 4.0 oz/a B POST1 409	99.0	99.0	99.0	99.0
DUAL MAGNUM 7.62 EC 16.0 oz/a B POST1				
2,4-DB 2 SL 16.0 oz/a B POST1				
COBRA 2 EC 12.5 oz/a B POST1				
Mean =	99.0	99.0	97.0	99.0
Adj =	99.0	99.0	97.0	99.0



# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	Jun-28-23	Jun-28-23	Jun-28-23	Jun-28-23								
Rating Type	Stunting	Control	Control	Control								
Rating Unit	%	%	%	%								
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -	0, 100, -								
Pest Type		W, Weed	W, Weed	W, Weed								
Pest Code		AMAPA	RAPRA	AGRASS								
Pest Name		Palmer amaranth	Wild radish	Annual grasses								
Days After First/Last Applic.	55, 28	55, 28	55, 28	55, 28								
Trt-Eval Interval	55 DA-A	55 DA-A	55 DA-A	55 DA-A								
Plant-Eval Interval	56 DP-1	56 DP-1	56 DP-1	56 DP-1								
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	Plot	22	23	24	25
1	NTC							101	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0
								302	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0
								Adj =	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	102	102	5.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	211	211	5.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE	309	309	10.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	C	POST2	407	407	5.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
								Mean =	6.3	99.0	99.0	99.0
								Adj =	6.2	99.0	99.0	99.0
3	SONALAN	3	EC	32.0 oz/a	A	PRE	103	103	5.0	99.0	99.0	99.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	201	201	5.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE	305	305	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	C	POST2	408	408	5.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
								Mean =	3.8	99.0	99.0	99.0
								Adj =	3.8	99.0	99.0	99.0
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	104	104	0.0	99.0	99.0	99.0
	CAPAROL	4	L	24.0 oz/a	A	PRE	212	212	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1	307	307	0.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	406	406	0.0	99.0	99.0	99.0
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	0.0	99.0	99.0	99.0
								Adj =	0.0	99.0	99.0	99.0
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	105	105	0.0	99.0	99.0	99.0
	CAPAROL	4	L	32.0 oz/a	A	PRE	208	208	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1	310	310	5.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	403	403	0.0	99.0	99.0	99.0
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	1.3	99.0	99.0	99.0
								Adj =	1.3	99.0	99.0	99.0
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	106	106	0.0	99.0	99.0	99.0
	CAPAROL	4	L	24.0 oz/a	A	PRE	204	204	0.0	99.0	99.0	99.0
	STRONGARM	84	WG	0.225 oz/a	A	PRE	312	312	0.0	99.0	99.0	99.0
	CADRE	2	AS	4.0 oz/a	B	POST1	411	411	0.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	0.0	99.0	99.0	99.0
								Adj =	0.0	99.0	99.0	99.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							Jun-28-23	Jun-28-23	Jun-28-23	Jun-28-23
							Stunting	Control	Control	Control
							%	%	%	%
							0, 100, -	0, 100, -	0, 100, -	0, 100, -
								W, Weed	W, Weed	W, Weed
								AMAPA	RAPRA	AGRASS
								Palmer amaranth	Wild radish	Annual grasses
							55, 28	55, 28	55, 28	55, 28
							55 DA-A	55 DA-A	55 DA-A	55 DA-A
							56 DP-1	56 DP-1	56 DP-1	56 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing	Plot			
7	PROWL H20	3.8	SC	32.0	oz/a	A PRE 107	0.0		99.0	99.0
	CAPAROL	4	L	24.0	oz/a	A PRE 209	0.0		99.0	99.0
	VALOR EZ	4	SC	1.0	oz/a	A PRE 308	0.0		99.0	99.0
	CADRE	2	AS	4.0	oz/a	B POST1 401	0.0		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	0.0		99.0	99.0
						Adj =	0.0		99.0	99.0
8	PROWL H20	3.8	SC	32.0	oz/a	A PRE 108	0.0		99.0	99.0
	CAPAROL	4	L	32.0	oz/a	A PRE 206	0.0		99.0	99.0
	STRONGARM	84	WG	0.225	oz/a	A PRE 304	5.0		99.0	99.0
	CADRE	2	AS	4.0	oz/a	B POST1 412	0.0		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	1.3		99.0	99.0
						Adj =	1.3		99.0	99.0
9	PROWL H20	3.8	SC	32.0	oz/a	A PRE 109	0.0		99.0	99.0
	CAPAROL	4	L	32.0	oz/a	A PRE 205	0.0		99.0	99.0
	VALOR EZ	4	SC	1.0	oz/a	A PRE 306	0.0		99.0	99.0
	CADRE	2	AS	4.0	oz/a	B POST1 410	5.0		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	1.3		99.0	99.0
						Adj =	1.3		99.0	99.0
10	PROWL H20	3.8	SC	32.0	oz/a	A PRE 110	0.0		99.0	99.0
	CAPAROL	4	L	24.0	oz/a	A PRE 202	0.0		99.0	99.0
	BRAKE	1.2	SL	12.0	oz/a	A PRE 303	0.0		99.0	99.0
	CADRE	2	AS	4.0	oz/a	B POST1 402	5.0		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	1.3		99.0	99.0
						Adj =	1.3		99.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	A PRE 111	5.0		99.0	99.0
	CAPAROL	4	L	32.0	oz/a	A PRE 203	5.0		99.0	99.0
	BRAKE	1.2	SL	12.0	oz/a	A PRE 311	0.0		99.0	99.0
	CADRE	2	AS	4.0	oz/a	B POST1 409	5.0		99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B POST1				
	2,4-DB	2	SL	16.0	oz/a	B POST1				
	COBRA	2	EC	12.5	oz/a	B POST1				
						Mean =	3.8		99.0	99.0
						Adj =	3.8		99.0	99.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	Jun-28-23	Jun-28-23	Jun-28-23	Jun-28-23								
Rating Type	Stunting	Control	Control	Control								
Rating Unit	%	%	%	%								
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -	0, 100, -								
Pest Type		W, Weed	W, Weed	W, Weed								
Pest Code		AMAPA	RAPRA	AGRASS								
Pest Name		Palmer amaranth	Wild radish	Annual grasses								
Days After First/Last Applic.	55, 28	55, 28	55, 28	55, 28								
Trt-Eval Interval	55 DA-A	55 DA-A	55 DA-A	55 DA-A								
Plant-Eval Interval	56 DP-1	56 DP-1	56 DP-1	56 DP-1								
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Appl Timing	Plot	22	23	24	25
12	NTC							112	0.0	0.0	0.0	0.0
								207	0.0	0.0	0.0	0.0
								301	0.0	0.0	0.0	0.0
								404	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0
								Adj =	0.0	0.0	0.0	0.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date							Jul-24-23	Jul-24-23	Jul-24-23	Sep-26-23		
Rating Type							CONTROL	CONTROL	CONTROL	LBS/PLOT-D		
Rating Unit							%	%	%			
Rating Min/Max/Interval							0, 100, -	0, 100, -	0, 100, -			
Pest Type							W, Weed	W, Weed	W, Weed			
Pest Code							AMAPA	AGRASS	IPOLA			
Pest Name							Palmer amaranth	Annual grasses	pitted morning >			
Days After First/Last Applic.							81, 54	81, 54	81, 54	145, 118		
Trt-Eval Interval							81 DA-A	81 DA-A	81 DA-A	145 DA-A		
Plant-Eval Interval							82 DP-1	82 DP-1	82 DP-1	146 DP-1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Timing	Plot	26	27	28	29
1	NTC							101	0.0	0.0	0.0	0.0
								210	0.0	0.0	0.0	0.0
								302	0.0	0.0	0.0	0.0
								405	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0
								Adj =	0.0	0.0	0.0	0.0
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	102	102	99.0	95.0	99.0	20.8
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	211	211	99.0	99.0	99.0	18.5
	STRONGARM	84	WG	0.225 oz/a	A	PRE	309	309	99.0	99.0	99.0	17.4
	CADRE	2	AS	4.0 oz/a	C	POST2	407	407	99.0	99.0	99.0	21.3
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
								Mean =	99.0	98.0	99.0	19.5
								Adj =	99.0	98.0	99.0	19.5
3	SONALAN	3	EC	32.0 oz/a	A	PRE	103	103	99.0	99.0	99.0	19.0
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	201	201	99.0	99.0	99.0	.
	STRONGARM	84	WG	0.225 oz/a	A	PRE	305	305	99.0	99.0	99.0	19.5
	CADRE	2	AS	4.0 oz/a	C	POST2	408	408	99.0	99.0	99.0	20.6
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2						
	2,4-DB	2	SL	16.0 oz/a	C	POST2						
								Mean =	99.0	99.0	99.0	19.7
								Adj =	99.0	99.0	99.0	19.8
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	104	104	99.0	95.0	99.0	17.4
	CAPAROL	4	L	24.0 oz/a	A	PRE	212	212	99.0	99.0	95.0	.
	CADRE	2	AS	4.0 oz/a	B	POST1	307	307	99.0	99.0	99.0	23.4
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	406	406	99.0	95.0	99.0	20.3
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	99.0	97.0	98.0	20.4
								Adj =	99.0	97.0	98.0	20.5
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	105	105	99.0	95.0	99.0	20.3
	CAPAROL	4	L	32.0 oz/a	A	PRE	208	208	99.0	99.0	99.0	22.7
	CADRE	2	AS	4.0 oz/a	B	POST1	310	310	99.0	99.0	99.0	21.6
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	403	403	99.0	95.0	99.0	20.7
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	99.0	97.0	99.0	21.3
								Adj =	99.0	97.0	99.0	21.3
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	106	106	99.0	95.0	99.0	22.3
	CAPAROL	4	L	24.0 oz/a	A	PRE	204	204	99.0	99.0	99.0	19.8
	STRONGARM	84	WG	0.225 oz/a	A	PRE	312	312	99.0	99.0	99.0	21.2
	CADRE	2	AS	4.0 oz/a	B	POST1	411	411	99.0	99.0	99.0	20.7
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1						
	2,4-DB	2	SL	16.0 oz/a	B	POST1						
	COBRA	2	EC	12.5 oz/a	B	POST1						
								Mean =	99.0	98.0	99.0	21.0
								Adj =	99.0	98.0	99.0	21.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date							Jul-24-23	Jul-24-23	Jul-24-23	Sep-26-23		
Rating Type							CONTROL	CONTROL	CONTROL	LBS/PLOT-D		
Rating Unit							%	%	%			
Rating Min/Max/Interval							0, 100, -	0, 100, -	0, 100, -			
Pest Type							W, Weed	W, Weed	W, Weed			
Pest Code							AMAPA	AGRASS	IPOLA			
Pest Name							Palmer amaranth	Annual grasses	pitted morning >			
Days After First/Last Applic.							81, 54	81, 54	81, 54	145, 118		
Trt-Eval Interval							81 DA-A	81 DA-A	81 DA-A	145 DA-A		
Plant-Eval Interval							82 DP-1	82 DP-1	82 DP-1	146 DP-1		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Timing	Plot	26	27	28	29
7	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	107	99.0	99.0	99.0	.
	CAPAROL	4	L	24.0	oz/a	A	PRE	209	99.0	99.0	99.0	21.0
	VALOR EZ	4	SC	1.0	oz/a	A	PRE	308	99.0	99.0	99.0	20.1
	CADRE	2	AS	4.0	oz/a	B	POST1	401	99.0	99.0	99.0	.
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1					
	2,4-DB	2	SL	16.0	oz/a	B	POST1					
	COBRA	2	EC	12.5	oz/a	B	POST1					
							Mean =		99.0	99.0	99.0	20.6
							Adj =		99.0	99.0	99.0	20.5
8	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	108	99.0	99.0	99.0	17.2
	CAPAROL	4	L	32.0	oz/a	A	PRE	206	99.0	99.0	99.0	21.3
	STRONGARM	84	WG	0.225	oz/a	A	PRE	304	99.0	99.0	99.0	16.7
	CADRE	2	AS	4.0	oz/a	B	POST1	412	99.0	99.0	95.0	24.4
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1					
	2,4-DB	2	SL	16.0	oz/a	B	POST1					
	COBRA	2	EC	12.5	oz/a	B	POST1					
							Mean =		99.0	99.0	98.0	19.9
							Adj =		99.0	99.0	98.0	19.9
9	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	109	99.0	99.0	99.0	18.8
	CAPAROL	4	L	32.0	oz/a	A	PRE	205	99.0	95.0	99.0	20.2
	VALOR EZ	4	SC	1.0	oz/a	A	PRE	306	99.0	95.0	99.0	23.2
	CADRE	2	AS	4.0	oz/a	B	POST1	410	99.0	99.0	99.0	20.4
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1					
	2,4-DB	2	SL	16.0	oz/a	B	POST1					
	COBRA	2	EC	12.5	oz/a	B	POST1					
							Mean =		99.0	97.0	99.0	20.7
							Adj =		99.0	97.0	99.0	20.7
10	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	110	99.0	99.0	99.0	18.0
	CAPAROL	4	L	24.0	oz/a	A	PRE	202	99.0	95.0	99.0	20.2
	BRAKE	1.2	SL	12.0	oz/a	A	PRE	303	99.0	99.0	99.0	17.8
	CADRE	2	AS	4.0	oz/a	B	POST1	402	99.0	95.0	99.0	18.2
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1					
	2,4-DB	2	SL	16.0	oz/a	B	POST1					
	COBRA	2	EC	12.5	oz/a	B	POST1					
							Mean =		99.0	97.0	99.0	18.6
							Adj =		99.0	97.0	99.0	18.6
11	PROWL H20	3.8	SC	32.0	oz/a	A	PRE	111	99.0	99.0	99.0	20.5
	CAPAROL	4	L	32.0	oz/a	A	PRE	203	99.0	95.0	99.0	20.6
	BRAKE	1.2	SL	12.0	oz/a	A	PRE	311	99.0	95.0	99.0	19.3
	CADRE	2	AS	4.0	oz/a	B	POST1	409	99.0	99.0	99.0	20.9
	DUAL MAGNUM	7.62	EC	16.0	oz/a	B	POST1					
	2,4-DB	2	SL	16.0	oz/a	B	POST1					
	COBRA	2	EC	12.5	oz/a	B	POST1					
							Mean =		99.0	97.0	99.0	20.3
							Adj =		99.0	97.0	99.0	20.3

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

Rating Date	Jul-24-23	Jul-24-23	Jul-24-23	Sep-26-23	
Rating Type	CONTROL	CONTROL	CONTROL	LBS/PLOT-D	
Rating Unit	%	%	%		
Rating Min/Max/Interval	0, 100, -	0, 100, -	0, 100, -		
Pest Type	W, Weed	W, Weed	W, Weed		
Pest Code	AMAPA	AGRASS	IPOLA		
Pest Name	Palmer amaranth	Annual grasses	pitted morning >		
Days After First/Last Applic.	81, 54	81, 54	81, 54	145, 118	
Trt-Eval Interval	81 DA-A	81 DA-A	81 DA-A	145 DA-A	
Plant-Eval Interval	82 DP-1	82 DP-1	82 DP-1	146 DP-1	
Trt Treatment	Form Form	Rate Appl	Appl		
No. Name	Conc Type Rate	Unit Code	Timing Plot		
12 NTC					
		26	27	28	29
	112	0.0	0.0	0.0	0.0
	207	0.0	0.0	0.0	0.0
	301	0.0	0.0	0.0	0.0
	404	0.0	0.0	0.0	0.0
	Mean =	0.0	0.0	0.0	0.0
	Adj =	0.0	0.0	0.0	0.0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							Sep-26-23	Sep-26-23	
							LBS/PLOT-C	YIELD	
								LBS/A	
Rating Date									
Rating Type									
Rating Unit									
Rating Min/Max/Interval									
Pest Type									
Pest Code									
Pest Name									
Days After First/Last Applic.							145, 118	145, 118	
Trt-Eval Interval							145 DA-A	145 DA-A	
Plant-Eval Interval							146 DP-1	146 DP-1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing	Plot		
							30	31	
1	NTC						101	0.0	0
							210	0.0	0
							302	0.0	0
							405	0.0	0
							Mean =	0.0	0
							Adj =	0.0	0
2	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	102	20.4	5808
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	211	18.1	5166
	STRONGARM	84	WG	0.225 oz/a	A	PRE	309	17.1	4858
	CADRE	2	AS	4.0 oz/a	C	POST2	407	20.9	5947
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2			
	2,4-DB	2	SL	16.0 oz/a	C	POST2			
							Mean =	19.1	5445
							Adj =	19.1	5445
3	SONALAN	3	EC	32.0 oz/a	A	PRE	103	18.6	5305
	VALOR EZ	4	SC	3.0 oz/a	A	PRE	201	.	.
	STRONGARM	84	WG	0.225 oz/a	A	PRE	305	19.1	5445
	CADRE	2	AS	4.0 oz/a	C	POST2	408	20.2	5752
	DUAL MAGNUM	7.62	EC	16.0 oz/a	C	POST2			
	2,4-DB	2	SL	16.0 oz/a	C	POST2			
							Mean =	19.3	5501
							Adj =	19.4	5524
4	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	104	17.1	4858
	CAPAROL	4	L	24.0 oz/a	A	PRE	212	.	.
	CADRE	2	AS	4.0 oz/a	B	POST1	307	22.9	6534
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	406	19.9	5668
	2,4-DB	2	SL	16.0 oz/a	B	POST1			
	COBRA	2	EC	12.5 oz/a	B	POST1			
							Mean =	20.0	5687
							Adj =	20.0	5710
5	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	105	19.9	5668
	CAPAROL	4	L	32.0 oz/a	A	PRE	208	22.2	6338
	CADRE	2	AS	4.0 oz/a	B	POST1	310	21.2	6031
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1	403	20.3	5780
	2,4-DB	2	SL	16.0 oz/a	B	POST1			
	COBRA	2	EC	12.5 oz/a	B	POST1			
							Mean =	20.9	5954
							Adj =	20.9	5954
6	PROWL H20	3.8	SC	32.0 oz/a	A	PRE	106	21.9	6227
	CAPAROL	4	L	24.0 oz/a	A	PRE	204	19.4	5528
	STRONGARM	84	WG	0.225 oz/a	A	PRE	312	20.8	5919
	CADRE	2	AS	4.0 oz/a	B	POST1	411	20.3	5780
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1			
	2,4-DB	2	SL	16.0 oz/a	B	POST1			
	COBRA	2	EC	12.5 oz/a	B	POST1			
							Mean =	20.6	5864
							Adj =	20.6	5864

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

							Sep-26-23	Sep-26-23
							LBS/PLOT-C	YIELD
								LBS/A
Rating Date								
Rating Type								
Rating Unit								
Rating Min/Max/Interval								
Pest Type								
Pest Code								
Pest Name								
Days After First/Last Applic.							145, 118	145, 118
Trt-Eval Interval							145 DA-A	145 DA-A
Plant-Eval Interval							146 DP-1	146 DP-1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code Timing	Plot	
							30	31
7	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 107		.
	CAPAROL	4	L	24.0 oz/a	A	PRE 209	20.6	5864
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 308	19.7	5612
	CADRE	2	AS	4.0 oz/a	B	POST1 401	.	.
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
						Mean =	20.1	5738
						Adj =	20.1	5723
8	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 108	16.9	4803
	CAPAROL	4	L	32.0 oz/a	A	PRE 206	20.9	5947
	STRONGARM	84	WG	0.225 oz/a	A	PRE 304	16.4	4663
	CADRE	2	AS	4.0 oz/a	B	POST1 412	23.9	6813
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
						Mean =	19.5	5556
						Adj =	19.5	5556
9	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 109	18.4	5249
	CAPAROL	4	L	32.0 oz/a	A	PRE 205	19.8	5640
	VALOR EZ	4	SC	1.0 oz/a	A	PRE 306	22.7	6478
	CADRE	2	AS	4.0 oz/a	B	POST1 410	20.0	5696
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
						Mean =	20.2	5766
						Adj =	20.2	5766
10	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 110	17.6	5026
	CAPAROL	4	L	24.0 oz/a	A	PRE 202	19.8	5640
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 303	17.4	4970
	CADRE	2	AS	4.0 oz/a	B	POST1 402	17.8	5082
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
						Mean =	18.2	5179
						Adj =	18.2	5179
11	PROWL H20	3.8	SC	32.0 oz/a	A	PRE 111	20.1	5724
	CAPAROL	4	L	32.0 oz/a	A	PRE 203	20.2	5752
	BRAKE	1.2	SL	12.0 oz/a	A	PRE 311	18.9	5389
	CADRE	2	AS	4.0 oz/a	B	POST1 409	20.5	5836
	DUAL MAGNUM	7.62	EC	16.0 oz/a	B	POST1		
	2,4-DB	2	SL	16.0 oz/a	B	POST1		
	COBRA	2	EC	12.5 oz/a	B	POST1		
						Mean =	19.9	5675
						Adj =	19.9	5675

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

						Sep-26-23	Sep-26-23
						LBS/PLOT-C	YIELD
							LBS/A
Rating Date							
Rating Type							
Rating Unit							
Rating Min/Max/Interval							
Pest Type							
Pest Code							
Pest Name							
Days After First/Last Applic.						145, 118	145, 118
Trt-Eval Interval						145 DA-A	145 DA-A
Plant-Eval Interval						146 DP-1	146 DP-1
Trt	Treatment	Form	Form	Rate	Appl	Appl	
No.	Name	Conc	Type	Rate	Unit	Code	Timing Plot
							30                      31
12	NTC						112      0.0      0
							207      0.0      0
							301      0.0      0
							404      0.0      0
							Mean =      0.0      0
							Adj =      0.0      0

# University of Georgia

## WEED CONTROL IN PEANUT WITH CAPAROL

Trial ID: PE-14-23  
 Protocol ID:                      Location:      Trial Year: 2023  
 Project ID:      Project ID 2:      Project ID 3:  
 Study Director:                      Sponsor Contact:  
 Investigator: ERIC P. PROSTKO

### Rating Type

YIELD = yield

### Rating Unit

%, 0, 100, = percent

### Pest Type

W, Weed = Weed or volunteer crop

### Pest Code

RAPRA, Raphanus raphanistrum, Wild radish = US

AMAPA, Amaranthus palmeri, Palmer amaranth = US

IPOLA, Ipomoea lacunosa, pitted morning glory = US

MOLVE, Mollugo verticillata, carpetweed = US

IAQTA, Jacquemontia tamnifolia, small-flower morning glory = US

### Plant-Eval Interval

15 DP-1 = 1 ARHHY May-3-23

21 DP-1 = 1 ARHHY May-3-23

35 DP-1 = 1 ARHHY May-3-23

56 DP-1 = 1 ARHHY May-3-23

82 DP-1 = 1 ARHHY May-3-23

146 DP-1 = 1 ARHHY May-3-23

### ARM Action Codes

T1 = [29]\*0.98

TY2 = 284.91466667\*[30]