

PEANUT CONTROL WITH LIBERTY ULTRA AND LAUDIS			
Trial ID:	PE-13-25	Study Dir.:	E. BEASLEY
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Amt to Measure	Product	Diluent	Rep 1	2	3
1	NTC						A			-	101	202	301
2	LIBERTY ULTRA	1.76	SL	24.0	oz/a	POST		18.75 mL/mx		1481.3 mL	102	201	303
3	LAUDIS	3.5	SC	3.0	oz/a	POST		2.344 mL/mx		1395.2 mL	103	204	302
	AATREX	4	L	64.0	oz/a	POST		50.0 mL/mx					
	AGRIDEX			1.0	% v/v	POST		15.0 mL/mx					
	AMSOL			2.5	% v/v	POST		37.5 mL/mx					
4	ROUNDUP P-MAX3	5.88	SL	30.0	oz/a	POST		23.44 mL/mx		1386.7 mL	104	203	304
	LAUDIS	3.5	SC	3.0	oz/a	POST		2.344 mL/mx					
	AATREX	4	L	64.0	oz/a	POST		50.0 mL/mx					
	AMSOL			2.5	% v/v	POST		37.5 mL/mx					

Trial Comments

Trial Comments

SUNRISE ON MAY 14: 6:38 AM

1) PEANUT CONTROL WITH LIBERTY ULTRA WAS AS FOLLOWS:

5 DAT = 92%
10 DAT = 88%
15 DAT = 77%
20 DAT = 77%

2) PEANUT CONTROL WITH LAUDIS + AATREX + AGRIDEX + AMSOL WAS AS FOLLOWS:

5 DAT = 30%
10 DAT = 95%
15 DAT = 95%
20 DAT = 97%

3) PEANUT CONTROL WITH ROUNDUP POWERMAX3 + LAUDIS + AATREX + AMSOL WAS AS FOLLOWS:

5 DAT = 47%
10 DAT = 87%
15 DAT = 88%
20 DAT = 93%

Study Director: E. BEASLEY **Title:** _____
Affiliation: _____
Postal Code: _____

Investigator: Eric P. Prostko **Title:** _____
Affiliation: _____
Postal Code: _____

University of Georgia

PEANUT CONTROL WITH LIBERTY ULTRA AND LAUDIS

Trial ID: PE-13-25 Study Dir.: E. BEASLEY
 Location: PONDER FARM Investigator: Eric P. Prostko

TRIAL LOCATION

City: _____ Trial Status: E
 State/Prov.: _____ Trial Reliability: _____
 Postal Code: _____ Initiation Date: _____
 Country: _____ Planned Completion Date: _____
 E-Longitude of LL Corner °: _____ N-Latitude of LL Corner °: _____
 Altitude of LL Corner: _____ Unit: _____ Angle y-axis to North °: _____
 Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ Country: _____
 Org: _____ Phone No: _____
 Address 1: _____ Fax No: _____
 Address 2: _____
 City: _____
 State/Prov: _____
 Postal Code: _____

Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N
 Guidelines: _____ Guideline Description: _____

Objective: _____

Conclusions: _____

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AGRASS	TX	APN/CRB/GOOSE/CROW
2.	AMAPA	PA	LMER AMARANTH
3.	RAPRA	WI	LD RADISH
4.	CYPES	NU	TSEDGE SP.
5.	LAMAM	HE	NBIT
6.	SPEAR	CO	RN SPURRY

Crop 1: ARAHY PEANUT Variety: TIFNV-HG
 Planting Date: Apr-29-25 Planting Method: MONOSEM
 Rate: 3.5 S/ROW-FT Depth: 2 IN Perennial Age: _____
 Row Spacing: _____ Spacing Within Row: _____ Seed Bed: _____
 Soil Temperature: _____ Soil Moisture: OPTIMUM Emergence Date: _____

Plot Width, Unit: 6 FT Plot Length, Unit: 25 FT Reps: 3

Site Type: _____
 Tillage Type: CONVENTIONAL Study Design: RACOBL

Trial Initiation Comments: _____

	Previous Crops	Previous Pesticides	Year
1.	FALLOW		2024

MAINTENANCE

Field Prep./Maintenance: 750 LBS/A 5-15-30 - PREPLANT
 36"-9" TWIN ROWS
 THIMET 20G INFR @ 7.5 LBS/A
 RANCONA VPD SEED TRT

No.	Date	Maintenance Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.							

University of Georgia

PEANUT CONTROL WITH LIBERTY ULTRA AND LAUDIS

Trial ID: PE-13-25

Study Dir.: E. BEASLEY

Location: PONDER FARM

Investigator: Eric P. Prostko

% Sand: 92 % OM: 0.65 Texture: SAND
% Silt: 4 pH: 6.0 Soil Name: TIFTON
% Clay: 4 CEC: 2.5 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-1-25		0.5	IN	SPRINKLER - LATERAL MOVE		
2.	May-9-25		0.47	IN	RAINFALL		
3.	May-10-25		0.11	IN	RAINFALL		
4.	May-11-25		0.42	IN	RAINFALL		
5.	May-19-25		0.4	IN	SPRINKLER - LATERAL MOVE		
6.	May-21-25		0.3	IN	RAINFALL		
7.	May-26-25		0.5	IN	SPRINKLER - LATERAL MOVE		
8.	May-26-25		0.12	IN	RAINFALL		
9.	May-27-25		0.35	IN	SPRINKLER - LATERAL MOVE		
10.	May-27-25		0.1	IN	RAINFALL		
11.	May-28-25		0.09	IN	RAINFALL		
12.	May-29-25		0.7	IN	RAINFALL		

Overall Moisture Conditions: _____
Closest Weather Station: _____ Distance: _____ Unit: _____

APPLICATION DESCRIPTION

	A
Application Date:	May-14-25
Time of Day:	7:11 AM
Application Method:	BROADCAST
Application Timing:	POST
Applic. Placement:	FOLIAGE
Air Temp., Unit:	64 F
% Relative Humidity:	98
Wind Velocity, Unit:	0 MPH
Dew Presence (Y/N):	Y
Water Hardness:	--
Soil Temp., Unit:	70 F
Soil Moisture:	OPTIMUM
% Cloud Cover:	0

CROP STAGE AT EACH APPLICATION

	A
Crop 1 Code, Stage:	ARAHY,
Stage Scale:	V4-5
Height, Unit:	3, IN

University of Georgia

PEANUT CONTROL WITH LIBERTY ULTRA AND LAUDIS			
Trial ID:	PE-13-25	Study Dir.:	E. BEASLEY
Location:	PONDER FARM	Investigator:	Eric P. Prostko

WEED STAGE AT EACH APPLICATION

	A
Weed 1 Code, Stage:	AGRAS,
Stage Scale:	
Density, Unit:	
Weed 2 Code, Stage:	AMAPA,
Stage Scale:	
Density, Unit:	
Weed 3 Code, Stage:	RAPRA,
Stage Scale:	
Density, Unit:	
Weed 4 Code, Stage:	CYPES,
Stage Scale:	
Density, Unit:	
Weed 5 Code, Stage:	LAMAM,
Stage Scale:	
Density, Unit:	
Weed 6 Code, Stage:	SPEAR,
Stage Scale:	
Density, Unit:	

APPLICATION EQUIPMENT

	A
Appl. Equipment:	BACKPACK
Operating Pressure:	38
Nozzle Type:	AIXR
Nozzle Size:	11002
Nozzle Spacing, Unit:	20 IN
Nozzles/Row:	
Band Width, Unit:	
Boom Length, Unit:	20 IN
Boom Height, Unit:	20 IN
Ground Speed, Unit:	3.5 MPH
Incorporation Equip.:	
Hours to Incorp.:	
Incorp. Depth, Unit:	
Carrier:	WATER
Spray Volume, Unit:	15 GPA
Spray pH:	
Propellant:	CO2
Tank Mix (Y/N):	

Trt No	Treatment Application Comment

University of Georgia

PEANUT CONTROL WITH LIBERTY ULTRA AND LAUDIS

Trial ID: PE-13-25 Study Dir.: E. BEASLEY
 Location: PONDER FARM Investigator: Eric P. Prostko

Crop Code Rating Data Type Rating Unit Rating Date Trt-Eval Interval					Arahy Control % May-19-25 5 DA-A	Arahy Control % May-24-25 10 DA-A	Arahy Control % May-29-25 15 DA-A	Arahy Control % Jun-3-25 20 DA-A	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	1	2	3	4
1	NTC					0.0 d	0.0 c	0.0 d	0.0 d
2	LIBERTY ULTRA	1.76	SL	24.0 oz/a	POST	91.7 a	88.3 b	76.7 c	76.7 c
3	LAUDIS	3.5	SC	3.0 oz/a	POST	30.0 c	95.0 a	95.0 a	97.3 a
	AATREX	4	L	64.0 oz/a	POST				
	AGRIDEX			1.0 % v/v	POST				
	AMSOL			2.5 % v/v	POST				
4	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	46.7 b	86.7 b	88.3 b	93.3 b
	LAUDIS	3.5	SC	3.0 oz/a	POST				
	AATREX	4	L	64.0 oz/a	POST				
	AMSOL			2.5 % v/v	POST				
LSD P=.10						4.77	2.96	2.96	2.88
Standard Deviation						3.00	1.86	1.86	1.82
CV						7.14	2.76	2.87	2.72
Grand Mean						42.08	67.50	65.00	66.83
Replicate F						1.615	1.800	1.800	3.353
Replicate Prob(F)						0.2746	0.2441	0.2441	0.1053
Treatment F						487.000	1760.800	1672.000	1874.387
Treatment Prob(F)						0.0001	0.0001	0.0001	0.0001

Rating Unit
 % = PERCENT

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.
 ^Calculated from residual.

PEANUT CONTROL WITH LIBERTY ULTRA AND LAUDIS										
Trial ID:		PE-13-25		Study Dir.:		E. BEASLEY				
Location:		PONDER FARM		Investigator:		Eric P. Prostko				
Crop Code						Arahy Control	Arahy Control	Arahy Control	Arahy Control	
Rating Data Type						%	%	%	%	
Rating Unit						May-19-25	May-24-25	May-29-25	Jun-3-25	
Rating Date						5 DA-A	10 DA-A	15 DA-A	20 DA-A	
Trt-Eval Interval										
Trt	Treatment	Form	Form	Rate	Grow					
No.	Name	Conc	Type	Rate Unit	Stg	Plot	1	2	3	
1	NTC					101	0.0	0.0	0.0	0.0
						202	0.0	0.0	0.0	0.0
						301	0.0	0.0	0.0	0.0
						Mean =	0.0	0.0	0.0	0.0
2	LIBERTY ULTRA	1.76	SL	24.0 oz/a	POST	102	95.0	90.0	75.0	75.0
						201	90.0	85.0	75.0	75.0
						303	90.0	90.0	80.0	80.0
						Mean =	91.7	88.3	76.7	76.7
3	LAUDIS	3.5	SC	3.0 oz/a	POST	103	30.0	95.0	95.0	95.0
	AATREX	4	L	64.0 oz/a	POST	204	30.0	95.0	95.0	99.0
	AGRIDEX			1.0 % v/v	POST	302	30.0	95.0	95.0	98.0
	AMSOL			2.5 % v/v	POST					
						Mean =	30.0	95.0	95.0	97.3
4	ROUNDUP P-MAX3	5.88	SL	30.0 oz/a	POST	104	50.0	85.0	85.0	90.0
	LAUDIS	3.5	SC	3.0 oz/a	POST	203	50.0	85.0	90.0	95.0
	AATREX	4	L	64.0 oz/a	POST	304	40.0	90.0	90.0	95.0
	AMSOL			2.5 % v/v	POST					
						Mean =	46.7	86.7	88.3	93.3

Rating Unit
% = PERCENT