

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 Appl Code: O Plots: 6 by 25 feet
 Appl. Amount: 15 GAL/AC Mix Size: 1.5 L (total for 3 plots; minimum=0.5866 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Appl Code	Amt Product to Measure	Diluent	Rep		
									1	2	3
1	PROVYSOL NTC	3.34	SC	0.0	oz/a	POST POST		- -	101	212	305
2	PROVYSOL CADRE OUTLOOK BUTYRAC 200	3.34 2 6 2	SC AS EC SL	0.0 4.0 12.8 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	3.125 mL/mx 10.0 mL/mx 12.5 mL/mx	- 1474.4 mL	102	204	307
3	PROVYSOL CADRE ZIDUA BUTYRAC 200 INDUCE	3.34 2 4.17 2	SC AS SC SL	0.0 4.0 2.5 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	3.125 mL/mx 1.953 mL/mx 12.5 mL/mx 3.75 mL/mx	- 1478.7 mL	103	211	306
4	PROVYSOL COBRA OUTLOOK BUTYRAC 200	3.34 2 6 2	SC EC EC SL	0.0 12.5 12.8 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	9.766 mL/mx 10.0 mL/mx 12.5 mL/mx	- 1467.7 mL	104	202	304
5	PROVYSOL COBRA ZIDUA BUTYRAC 200 INDUCE	3.34 2 4.17 2	SC EC SC SL	0.0 12.5 2.5 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	9.766 mL/mx 1.953 mL/mx 12.5 mL/mx 3.75 mL/mx	- 1472.0 mL	105	201	308
6	PROVYSOL ULTRA BLAZER ZIDUA	3.34 2 4.17	SC EC SC	0.0 24.0 2.5	oz/a oz/a oz/a	POST POST POST	18.75 mL/mx 1.953 mL/mx	- 1479.3 mL	106	208	303
7	PROVYSOL NTC	3.34	SC	5.0	oz/a	POST POST	3.906 mL/mx	-	107	203	301
8	PROVYSOL CADRE OUTLOOK BUTYRAC 200	3.34 2 6 2	SC AS EC SL	5.0 4.0 12.8 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	3.906 mL/mx 3.125 mL/mx 10.0 mL/mx 12.5 mL/mx	1470.5 mL	108	210	302
9	PROVYSOL CADRE ZIDUA BUTYRAC 200 INDUCE	3.34 2 4.17 2	SC AS SC SL	5.0 4.0 2.5 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	3.906 mL/mx 3.125 mL/mx 1.953 mL/mx 12.5 mL/mx 3.75 mL/mx	1474.8 mL	109	206	312
10	PROVYSOL COBRA OUTLOOK BUTYRAC 200	3.34 2 6 2	SC EC EC SL	5.0 12.5 12.8 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	3.906 mL/mx 9.766 mL/mx 10.0 mL/mx 12.5 mL/mx	1463.8 mL	110	209	310
11	PROVYSOL COBRA ZIDUA BUTYRAC 200 INDUCE	3.34 2 4.17 2	SC EC SC SL	5.0 12.5 2.5 16.0	oz/a oz/a oz/a oz/a	POST POST POST POST	3.906 mL/mx 9.766 mL/mx 1.953 mL/mx 12.5 mL/mx 3.75 mL/mx	1468.1 mL	111	207	311
12	PROVYSOL ULTRA BLAZER ZIDUA	3.34 2 4.17	SC EC SC	5.0 24.0 2.5	oz/a oz/a oz/a	POST POST POST	3.906 mL/mx 18.75 mL/mx 1.953 mL/mx	1475.4 mL	112	205	309

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
Location: PONDER FARM Investigator: Eric P. Prostko

DIGGING DATE: 09/23/21
HARVEST DATE: 09/27/21
HARVEST MOISTURE: 15.6%
YIELDS ADJUSTED TO 10% MOISTURE
2% DEDUCTION FOR FM

DEER WERE WORKING THIS FIELD OVER ALL YEAR LONG.

YIELDS WERE LOWER THAN NORMAL (WET YEAR + DEER DAMAGE + SINGLE ROWS?????)
MAY TO SEPTEMBER = ~6" MORE RAINFALL AND 2 DEGREES COOLER THAN LONG-TERM AVERAGE.

SUMMARY:

1) FOR PEANUT LEAF NECROSIS RATINGS OBTAINED AT 2 DAT AND 8 DAT, THERE WAS NO INTERACTION BETWEEN PROVYSOL RATE AND HERBICIDE TREATMENT ($P > 0.61$).

2) WHEN AVERAGED OVER HERBICIDES, PROVYSOL HAD NO EFFECT ON PEANUT LEAF NECROSIS ($P > 0.18$).

3) WHEN AVERAGED OVER PROVYSOL RATE, THE FOLLOWING TREATMENTS CAUSED SIGNIFICANT PEANUT LEAF NECROSIS:

COBRA + OUTLOOK + 2,4-DB (14-20%)

COBRA + ZIDUA + 2,4-DB (12-16%)

ULTRA BLAZER + ZIDUA + 2,4-DB (13-17%)

4) WHEN AVERAGED OVER HERBICIDES, PROVYSOL HAD NO EFFECT ON PEANUT YIELD ($P = 0.9585$).

5) WHEN AVERAGED OVER PROVYSOL RATE, ALL HERBICIDES TREATMENT CAUSED SIGNIFICANT PEANUT YIELD LOSSES WITH NO DIFFERENCES BETWEEN HERBICIDE TREATED PLOTS ($P = 0.0624$). YIELD LOSSES RANGED BETWEEN 9% TO 16%.

THESE YIELD RESULTS ARE NOT TYPICAL! PREVIOUS RESEARCH HAS SHOWN THAT THESE TREATMENTS ARE VERY SAFE TO PEANUTS. WILL REPEAT THIS TRIAL IN 2022.

**YIELDS WERE LOWER THAN NORMAL (WET YEAR + DEER DAMAGE + SINGLE ROWS?????)
MAY TO SEPTEMBER = ~6" MORE RAINFALL AND 2 DEGREES COOLER THAN LONG-TERM AVERAGE.**

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: ABBY NORMAL FULMER **Title:** _____
Affiliation: _____
Postal Code: _____

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

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.			

Crop 1: ARAHY PEANUT **Variety:** GA-06G
Planting Date: Apr-28-21 **Planting Method:** MONSOSEM STRIP-TILL
Rate: 6 SEED/FT **Depth:** 2 IN **Perennial Age:** _____
Row Spacing: 36 IN **Spacing Within Row:** _____ **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: _____
Tillage Type: STRIP-TILL BAREGROUND **Study Design:** FACTOR

Trial Initiation Comments: _____

No.	Previous Crops	Previous Pesticides	Year
1.	FALLOW		2020

MAINTENANCE

Field Prep./Maintenance: 300 LBS/A 5-15-30 - PREPLANT
 THIMET 20G @ 5.4 LBS/A INFR
 1000 LBS/A GYPSUM
 0.5 LBS/A BORON (IN 2 APPS OF 0.25 LB/A)

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

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
Weed 1 Code, Stage:	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,	,
Stage Scale:																					
Density, Unit:																					

APPLICATION EQUIPMENT

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
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:	60 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

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT						
Trial ID: PE-11-21		Study Dir.: ABBY NORMAL FULMER				
Location: PONDER FARM		Investigator: Eric P. Prostko				
Weed Code		----- Arahy Leaf, - Necrosis %	----- Arahy Necrosis %	----- ARAHY DIRTY, - YIELD LBS/PLOT	----- ARAHY CLEAN, - YIELD LBS/PLOT	----- ARAHY CLEAN, - YIELD LBS/A
Crop Code						
Part Rated						
Rating Data Type						
Rating Unit						
Rating Date		Jun-11-21	Jun-17-21	Sep-27-21	Sep-27-21	Sep-27-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Code	
TABLE OF R MEANS						
Replicate 1		9.6	7.5	14.8	14.5	3952
Replicate 2		8.8	6.3	13.3	13.1	3554
Replicate 3		8.3	6.3	11.9	11.7	3178
TABLE OF A (PROVYSOL RATE) MEANS						
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	8.6 a
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	9.2 a
LSD P=.10		0.81		0.81		2.76
Standard Deviation		0.83		0.83		2.84
CV		9.38		12.50		21.26
						2.71
						2.78
						21.26
TABLE OF B (HERBICIDE) MEANS						
1	NTC				POST	0.0 c
2	CADRE	2	AS	4.0 oz/a	POST	0.8 c
2	OUTLOOK	6	EC	12.8 oz/a	POST	
2	BUTYRAC 200	2	SL	16.0 oz/a	POST	
3	CADRE	2	AS	4.0 oz/a	POST	0.0 c
3	ZIDUA	4.17	SC	2.5 oz/a	POST	0.8 c
3	BUTYRAC 200	2	SL	16.0 oz/a	POST	
3	INDUCE			0.25 % v/v	POST	
4	COBRA	2	EC	12.5 oz/a	POST	20.0 a
4	OUTLOOK	6	EC	12.8 oz/a	POST	14.2 a
4	BUTYRAC 200	2	SL	16.0 oz/a	POST	13.1 b
5	COBRA	2	EC	12.5 oz/a	POST	15.8 b
5	ZIDUA	4.17	SC	2.5 oz/a	POST	11.7 b
5	BUTYRAC 200	2	SL	16.0 oz/a	POST	13.6 b
5	INDUCE			0.25 % v/v	POST	13.3 b
6	ULTRA BLAZER	2	EC	24.0 oz/a	POST	16.7 b
6	ZIDUA	4.17	SC	2.5 oz/a	POST	13.3 ab
6	BUTYRAC 200	2	SL	16.0 oz/a	ARS	12.6 b
6	INDUCE			0.25 % v/v	ARS	12.3 b
LSD P=.10		2.10		2.24		1.25
Standard Deviation		2.01		2.14		1.22
CV		22.58		32.11		8.93
						1.19
						1.17
						8.93
TABLE OF A (PROVYSOL RATE) B (HERBICIDE) MEANS						
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	0.0 a
1	NTC				POST	0.0 a
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	0.0 a
2	NTC				POST	0.0 a
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	0.0 a
2	CADRE	2	AS	4.0 oz/a	POST	0.0 a
2	OUTLOOK	6	EC	12.8 oz/a	POST	
2	BUTYRAC 200	2	SL	16.0 oz/a	POST	
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	1.7 a
2	CADRE	2	AS	4.0 oz/a	POST	0.0 a
2	OUTLOOK	6	EC	12.8 oz/a	POST	
2	BUTYRAC 200	2	SL	16.0 oz/a	POST	

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.

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

					----- Arahy Leaf, - Necrosis %	----- Arahy Necrosis %	----- ARAHY DIRTY, - YIELD LBS/PLOT	----- ARAHY CLEAN, - YIELD LBS/PLOT	----- ARAHY CLEAN, - YIELD LBS/A	
					Jun-11-21	Jun-17-21	Sep-27-21	Sep-27-21	Sep-27-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Appl Code	1	2	3	4	5
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	0.0 a	1.7 a	12.6 a	12.3 a	3354 a
3	CADRE	2	AS	4.0 oz/a	POST					
3	ZIDUA	4.17	SC	2.5 oz/a	POST					
3	BUTYRAC 200	2	SL	16.0 oz/a	POST					
3	INDUCE			0.25 % v/v	POST					
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	0.0 a	0.0 a	13.1 a	12.9 a	3505 a
3	CADRE	2	AS	4.0 oz/a	POST					
3	ZIDUA	4.17	SC	2.5 oz/a	POST					
3	BUTYRAC 200	2	SL	16.0 oz/a	POST					
3	INDUCE			0.25 % v/v	POST					
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	20.0 a	15.0 a	13.1 a	12.8 a	3487 a
4	COBRA	2	EC	12.5 oz/a	POST					
4	OUTLOOK	6	EC	12.8 oz/a	POST					
4	BUTYRAC 200	2	SL	16.0 oz/a	POST					
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	20.0 a	13.3 a	13.2 a	12.9 a	3514 a
4	COBRA	2	EC	12.5 oz/a	POST					
4	OUTLOOK	6	EC	12.8 oz/a	POST					
4	BUTYRAC 200	2	SL	16.0 oz/a	POST					
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	15.0 a	11.7 a	14.0 a	13.7 a	3736 a
5	COBRA	2	EC	12.5 oz/a	POST					
5	ZIDUA	4.17	SC	2.5 oz/a	POST					
5	BUTYRAC 200	2	SL	16.0 oz/a	POST					
5	INDUCE			0.25 % v/v	POST					
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	16.7 a	11.7 a	13.1 a	12.9 a	3505 a
5	COBRA	2	EC	12.5 oz/a	POST					
5	ZIDUA	4.17	SC	2.5 oz/a	POST					
5	BUTYRAC 200	2	SL	16.0 oz/a	POST					
5	INDUCE			0.25 % v/v	POST					
1	PROVYSOL	3.34	SC	0.0 oz/a	POST	16.7 a	13.3 a	12.4 a	12.2 a	3318 a
6	ULTRA BLAZER	2	EC	24.0 oz/a	POST					
6	ZIDUA	4.17	SC	2.5 oz/a	POST					
6	BUTYRAC 200	2	SL	16.0 oz/a	ARS					
6	INDUCE			0.25 % v/v	ARS					
2	PROVYSOL	3.34	SC	5.0 oz/a	POST	16.7 a	13.3 a	12.7 a	12.5 a	3398 a
6	ULTRA BLAZER	2	EC	24.0 oz/a	POST					
6	ZIDUA	4.17	SC	2.5 oz/a	POST					
6	BUTYRAC 200	2	SL	16.0 oz/a	ARS					
6	INDUCE			0.25 % v/v	ARS					
LSD P=.10						1.83	2.97	2.92	2.86	780.1
Standard Deviation						1.24	2.01	1.98	1.94	527.2
CV						13.91	30.10	14.80	14.80	14.8

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.

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT						
Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER						
Location: PONDER FARM Investigator: Eric P. Prostko						
COMPLETE FACTORIAL AOV For ----- Arahya Leaf Necrosis % Jun-11-21 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	2805.555556				
R	2	9.722222	4.861111	3.182	0.0852	
A	1	2.777778	2.777778	4.000	0.1835	0.8
RA	2	1.388889	0.694444			
B	5	2730.555556	546.111111	135.586	0.0001	2.1
RB	10	40.277778	4.027778			
AB	5	5.555556	1.111111	0.727	0.6187	1.8
RAB	10	15.277778	1.527778			
COMPLETE FACTORIAL AOV For ----- Arahya Necrosis % Jun-17-21 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	1600.000000				
R	2	12.500000	6.250000	1.552	0.2589	
A	1	2.777778	2.777778	4.000	0.1835	0.8
RA	2	1.388889	0.694444			
B	5	1491.666667	298.333333	65.091	0.0001	2.2
RB	10	45.833333	4.583333			
AB	5	5.555556	1.111111	0.276	0.9161	3.0
RAB	10	40.277778	4.027778			
COMPLETE FACTORIAL AOV For ----- ARAHY DIRTY YIELD LBS/PLOT Sep-27-21 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	145.008889				
R	2	50.473889	25.236944	6.468	0.0158	
A	1	0.027778	0.027778	0.003	0.9585	2.8
RA	2	16.097222	8.048611			
B	5	21.728889	4.345778	3.059	0.0624	1.2
RB	10	14.206111	1.420611			
AB	5	3.458889	0.691778	0.177	0.9650	2.9
RAB	10	39.016111	3.901611			
COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/PLOT Sep-27-21 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	139.266537				
R	2	48.475123	24.237561	6.468	0.0158	
A	1	0.026678	0.026678	0.003	0.9585	2.7
RA	2	15.459772	7.729886			
B	5	20.868425	4.173685	3.059	0.0624	1.2
RB	10	13.643549	1.364355			
AB	5	3.321917	0.664383	0.177	0.9650	2.9
RAB	10	37.471073	3.747107			
COMPLETE FACTORIAL AOV For ----- ARAHY CLEAN YIELD LBS/A Sep-27-21 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	LSD (.10)
Total	35	10328562.328938				
R	2	3595108.626563	1797554.313282	6.468	0.0158	
A	1	1978.530498	1978.530498	0.003	0.9585	737
RA	2	1146558.423549	573279.211774			
B	5	1547685.696698	309537.139340	3.059	0.0624	333
RB	10	1011860.067250	101186.006725			
AB	5	246366.617602	49273.323520	0.177	0.9650	780
RAB	10	2779004.366778	277900.436678			
Part Rated Leaf = LEAF / FOLIAGE Rating Unit % = PERCENT ARM Action Codes T1 = [C3]*0.98 TY2 = 272.33066667*[4]						

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.

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code				-----	-----	-----	-----	-----				
Crop Code				Arahy	Arahy	ARAHY	ARAHY	ARAHY				
Part Rated				Leaf, -	Necrosis	DIRTY, -	CLEAN, -	CLEAN, -				
Rating Data Type				Necrosis	%	YIELD	YIELD	YIELD				
Rating Unit				%	%	LBS/PLOT	LBS/PLOT	LBS/A				
Rating Date				Jun-11-21	Jun-17-21	Sep-27-21	Sep-27-21	Sep-27-21				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Code	Plot	1	2	3	4	5
1	PROVYSOL NTC	3.34	SC	0.0 oz/a	POST	101		0.0	0.0	19.4	19.0	5178
					POST	212		0.0	0.0	14.4	14.1	3843
						305		0.0	0.0	12.0	11.8	3203
						Mean =		0.0	0.0	15.3	15.0	4074
2	PROVYSOL CADRE	3.34	SC	0.0 oz/a	POST	102		0.0	0.0	13.8	13.5	3683
		2 AS		4.0 oz/a	POST	204		0.0	0.0	12.8	12.5	3416
	OUTLOOK	6 EC		12.8 oz/a	POST	307		0.0	0.0	11.1	10.9	2962
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
						Mean =		0.0	0.0	12.6	12.3	3354
3	PROVYSOL CADRE	3.34	SC	0.0 oz/a	POST	103		0.0	5.0	13.7	13.4	3656
		2 AS		4.0 oz/a	POST	211		0.0	0.0	14.7	14.4	3923
	ZIDUA	4.17	SC	2.5 oz/a	POST	306		0.0	0.0	9.3	9.1	2482
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
	INDUCE			0.25 % v/v	POST							
						Mean =		0.0	1.7	12.6	12.3	3354
4	PROVYSOL COBRA	3.34	SC	0.0 oz/a	POST	104		20.0	15.0	14.8	14.5	3950
		2 EC		12.5 oz/a	POST	202		20.0	15.0	13.4	13.1	3576
	OUTLOOK	6 EC		12.8 oz/a	POST	304		20.0	15.0	11.0	10.8	2936
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
						Mean =		20.0	15.0	13.1	12.8	3487
5	PROVYSOL COBRA	3.34	SC	0.0 oz/a	POST	105		15.0	10.0	14.8	14.5	3950
		2 EC		12.5 oz/a	POST	201		15.0	10.0	16.3	16.0	4350
	ZIDUA	4.17	SC	2.5 oz/a	POST	308		15.0	15.0	10.9	10.7	2909
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
	INDUCE			0.25 % v/v	POST							
						Mean =		15.0	11.7	14.0	13.7	3736
6	PROVYSOL ULTRA BLAZER	3.34	SC	0.0 oz/a	POST	106		20.0	15.0	14.1	13.8	3763
		2 EC		24.0 oz/a	POST	208		15.0	15.0	11.8	11.6	3149
	ZIDUA	4.17	SC	2.5 oz/a	POST	303		15.0	10.0	11.4	11.2	3042
	BUTYRAC 200	2 SL		16.0 oz/a	ARS							
	INDUCE			0.25 % v/v	ARS							
						Mean =		16.7	13.3	12.4	12.2	3318
7	PROVYSOL NTC	3.34	SC	5.0 oz/a	POST	107		0.0	0.0	13.3	13.0	3550
					POST	203		0.0	0.0	14.6	14.3	3897
						301		0.0	0.0	16.0	15.7	4270
						Mean =		0.0	0.0	14.6	14.3	3905
8	PROVYSOL CADRE	3.34	SC	5.0 oz/a	POST	108		0.0	0.0	14.1	13.8	3763
		2 AS		4.0 oz/a	POST	210		5.0	0.0	14.5	14.2	3870
	OUTLOOK	6 EC		12.8 oz/a	POST	302		0.0	0.0	11.7	11.5	3123
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
						Mean =		1.7	0.0	13.4	13.2	3585
9	PROVYSOL CADRE	3.34	SC	5.0 oz/a	POST	109		0.0	0.0	12.7	12.4	3389
		2 AS		4.0 oz/a	POST	206		0.0	0.0	12.4	12.2	3309
	ZIDUA	4.17	SC	2.5 oz/a	POST	312		0.0	0.0	14.3	14.0	3816
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
	INDUCE			0.25 % v/v	POST							
						Mean =		0.0	0.0	13.1	12.9	3505
10	PROVYSOL COBRA	3.34	SC	5.0 oz/a	POST	110		20.0	15.0	16.1	15.8	4297
		2 EC		12.5 oz/a	POST	209		20.0	10.0	11.8	11.6	3149
	OUTLOOK	6 EC		12.8 oz/a	POST	310		20.0	15.0	11.6	11.4	3096
	BUTYRAC 200	2 SL		16.0 oz/a	POST							
						Mean =		20.0	13.3	13.2	12.9	3514

University of Georgia

PROVYSOL/HERBICIDE TANK-MIXES FOR PEANUT

Trial ID: PE-11-21 Study Dir.: ABBY NORMAL FULMER
 Location: PONDER FARM Investigator: Eric P. Prostko

				----- Arahy Leaf, - Necrosis % Jun-11-21	----- Arahy Necrosis % Jun-17-21	----- ARAHY DIRTY, - YIELD LBS/PLOT Sep-27-21	----- ARAHY CLEAN, - YIELD LBS/PLOT Sep-27-21	----- ARAHY CLEAN, - YIELD LBS/A Sep-27-21				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Appl Unit	Code	Plot	1	2	3	4	5
11	PROVYSOL	3.34	SC	5.0 oz/a	POST	111		20.0	15.0	16.3	16.0	4350
	COBRA	2	EC	12.5 oz/a	POST	207		15.0	10.0	11.7	11.5	3123
	ZIDUA	4.17	SC	2.5 oz/a	POST	311		15.0	10.0	11.4	11.2	3042
	BUTYRAC 200	2	SL	16.0 oz/a	POST							
	INDUCE			0.25 % v/v	POST							
					Mean =			16.7	11.7	13.1	12.9	3505
12	PROVYSOL	3.34	SC	5.0 oz/a	POST	112		20.0	15.0	14.6	14.3	3897
	ULTRA BLAZER	2	EC	24.0 oz/a	POST	205		15.0	15.0	11.4	11.2	3042
	ZIDUA	4.17	SC	2.5 oz/a	POST	309		15.0	10.0	12.2	12.0	3256
	BUTYRAC 200	2	SL	16.0 oz/a	ARS							
	INDUCE			0.25 % v/v	ARS							
					Mean =			16.7	13.3	12.7	12.5	3398

Part Rated
 Leaf = LEAF / FOLIAGE
Rating Unit
 % = PERCENT
ARM Action Codes
 T1 = [C3]*0.98
 TY2 = 272.3306667*[4]