University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 20 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3
1	NTC									-	101	207	305
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	15 GPA	0.5351 mL/mx	1499.5 mL	102	204	312
	POAST	1	EC	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx	1472.5 mL			
	MSO			1.0	% v/v	POST	C	15 GAL/AC	15.0 mL/mx				
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	15 GPA	0.8046 mL/mx	1499.2 mL	103	211	306
	POAST	1	EC	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx	1472.5 mL			
	MSO			1.0	% v/v	POST	C	15 GAL/AC	15.0 mL/mx				
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1475 mL	104	201	308
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1493.1 mL			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.7 mL	105	212	303
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A	15 GPA	0.2679 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1493.1 mL			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.5 mL	106	208	302
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	15 GPA	0.5351 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1493.1 mL			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.2 mL	107	210	301
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	15 GPA	0.8046 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1493.1 mL			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.5 mL	108	206	311
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	15 GPA	0.5351 mL/mx				
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B	15 GPA	1.929 mL/mx	1478.7 mL			
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	15 GPA	9.374 mL/mx				
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B	15 GPA	6.249 mL/mx				
	NIS			0.25	% v/v	EPOST	B	15 GPA	3.75 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1493.1 mL			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.5 mL	109	203	310
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	15 GPA	0.5351 mL/mx				
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	15 GPA	9.374 mL/mx	1480.6 mL			
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B	15 GPA	6.249 mL/mx				
	NIS			0.25	% v/v	EPOST	B	15 GPA	3.75 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1491.2 mL			
	ZIDUA	4.17	SC	2.47	oz/a	POST	C	15 GAL/AC	1.929 mL/mx				
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1474.3 mL	110	209	304
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	15 GPA	0.5351 mL/mx				
	STRONGARM	84	WG	0.23	oz/a	PRE	A	15 GPA	0.1722 g/mx				
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B	15 GPA	1.929 mL/mx	1478.7 mL			
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	15 GPA	9.374 mL/mx				
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B	15 GPA	6.249 mL/mx				
	NIS			0.25	% v/v	EPOST	B	15 GPA	3.75 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1493.1 mL			
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1472.8 mL	111	205	309
	VALOR SX	51	WG	3.0	oz/a	PRE	A	15 GPA	2.247 g/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1491.2 mL			
	ZIDUA	4.17	SC	2.47	oz/a	POST	C	15 GAL/AC	1.929 mL/mx				
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				

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WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 20 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx	1462.5 mL	112	202	307
	BRAKE	1.2	L	16.0	oz/a	PRE	A	15 GPA	12.5 mL/mx				
	CADRE	2	AS	4.0	oz/a	POST	C	15 GAL/AC	3.125 mL/mx	1491.2 mL			
	ZIDUA	4.17	SC	2.47	oz/a	POST	C	15 GAL/AC	1.929 mL/mx				
	NIS			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				

Sort Order: Treatment

Trial Comments

NIS = INDUCE (HELENA)

MSO = MES100 (DREXEL)

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

BROADLOOM (BENTAZON FROM UPL)

SUMMARY:

1) PRE APPLIED BAS-850-01H(TRIFLUDIMOZAZIN) PROVIDED WEED CONTROL SIMILAR TO PRE APPLIED VALOR OR BRAKE.

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WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: LARRY NEWSOME **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: E **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective:

Conclusions:

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH **2.** AGRASS TX PAN;CROW;GOOSE;CROW;SIG
Weed 3. DEDTO FLORIDA BEGGARWEED **4.** CYPSP PURPLE/YELLOW NUTSEDGE

Crop 1: ARAHY PEANUT **Variety:** GA-06G **Planting Date:** May-7-19
Planting Method: MONSOEM **Rate:** 6 SEED FT **Depth:** 2.0 IN
Perennial Age: ____ _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ _ **Soil Moisture:** DRY **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 20 FT **Reps:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: THIMET @ 5.0 LBS/A INFR; RANCONA VPD SEED TRT;
_____

Previous:	Crops	Pesticides	Year
1.	FALLOW	2018	____

MAINTENANCE

Field Prep./Maintenance: _____

No.	Date	Treatment Name	Form Conc	Form Unit	Form Type	Rate	Rate Unit
1.	_____	_____	____	_____	___	_____	_____

SOIL DESCRIPTION

Texture: LAOMY SAND **% OM:** 1.9 **% Sand:** 84 **% Silt:** 6 **% Clay:** 10
pH: 6.0 **CEC:** ____ **Soil Name:** ORANGEBURG **Fertility Level:** GOOD

MOISTURE CONDITIONS

On:	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-8-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___
2.	May-9-19	_____	0.44	IN	RAINFALL	_____	___
3.	May-10-19	_____	0.06	IN	RAINFALL	_____	___
4.	May-11-19	_____	0.03	IN	RAINFALL	_____	___
5.	May-12-19	_____	0.16	IN	RAINFALL	_____	___
6.	May-15-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___
7.	May-20-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___
8.	May-23-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___
9.	May-30-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___
10.	Jun-4-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___
11.	Jul-2-19	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	___

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

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WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-8-19	May-17-19	May-31-19			
Time of Day:	7:45 AM	10:00 AM	8:38			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	68 F	78 F	78 F			
% Relative Humidity:	90	58	87			
Wind Velocity, Unit:	2 MPH	2 MPH	5 MPH			
Dew Presence (Y/N):	N	N	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	75 F	76 F	80 F			
Soil Moisture:	DRY	OPTIMUM	OPTIMUM			
% Cloud Cover:	0	30	10			

CROP STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Crop 1	**Stage:** ARAHY		V3-V4	V6			
Stage Scale:			2"T; 4" W	4"T;6"W			
Height, Unit:							

WEED STAGE AT EACH APPLICATION

		A	B	C	D	E	F
Weed 1	**Stage:** AMAPA		0.5"	--			
Stage Scale:							
Density, Unit:							
Weed 2	**Stage:** AGRASS		0.5"	2-4"			
Stage Scale:				TILLED			
Density, Unit:							
Weed 3	**Stage:** DEDTO		0.5"				
Stage Scale:							
Density, Unit:							
Weed 4	**Stage:** CYPSP		3-5"	4-10"			
Stage Scale:							
Density, Unit:							

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK	BACKPACK	SAME AS B			
Operating Pressure:	38	40				
Nozzle Type:	TTI	AIXR				
Nozzle Size:	11002	11002				
Nozzle Spacing, Unit:	20	IN 20 IN				
Nozzles/Row:						
Band Width, Unit:						
Boom Length, Unit:	60	IN 60 IN				
Boom Height, Unit:	20	IN 20 IN				
Ground Speed, Unit:	3.5	MPH 3.5 MPH				
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	WATER	WATER				
Spray Volume, Unit:	15	GPA 15 GPA				
Spray pH:						
Propellant:	CO2	CO2				
Tank Mix (Y/N):						

Trt No	Treatment Application Comment

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YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	--- ARAHY Injury Percemt May-17-19	AGRASS ----- Control Percent May-17-19	DEDTO ----- Control Percent May-17-19	CYPSP ----- Control Percent May-17-19	AMAPA ----- Control Percent May-31-19	AGRASS ----- Control Percent May-31-19
								1	2	3	4	5	6
1	NTC							0.0 -	0.0 d	0.0 c	0.0 -	0.0 b	0.0 d
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	0.0 -	38.3 c	97.7 a	16.7 -	99.0 a	16.7 c
	POAST	1	EC	16.0	oz/a	POST	C						
	MSO			1.0	% v/v	POST	C						
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	3.3 -	71.7 b	99.0 a	0.0 -	99.0 a	60.0 b
	POAST	1	EC	16.0	oz/a	POST	C						
	MSO			1.0	% v/v	POST	C						
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	3.3 -	93.0 a	93.0 b	21.7 -	99.0 a	97.7 a
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	0.0 -	94.3 a	99.0 a	3.3 -	99.0 a	96.0 a
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	3.3 -	97.7 a	99.0 a	11.7 -	99.0 a	96.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6.7 -	99.0 a	99.0 a	21.7 -	99.0 a	99.0 a
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	3.3 -	99.0 a	99.0 a	0.0 -	99.0 a	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	3.3 -	96.0 a	97.7 a	16.7 -	99.0 a	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	11.7 -	99.0 a	99.0 a	45.0 -	99.0 a	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	STRONGARM	84	WG	0.23	oz/a	PRE	A						
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Could not calculate LSD (% mean diff) for columns 5,7,9,12,15 because error mean square = 0.

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WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
	Weed Code							---	AGRASS	DEDTO	CYPSP	AMAPA	AGRASS
	Crop Code							ARAHY	-----	-----	-----	-----	-----
	Part Rated												
	Rating Data Type							Injury	Control	Control	Control	Control	Control
	Rating Unit							Percemt	Percent	Percent	Percent	Percent	Percent
	Rating Date							May-17-19	May-17-19	May-17-19	May-17-19	May-31-19	May-31-19
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	8.3 -	99.0 a	99.0 a	0.0 -	99.0 a	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	6.7 -	99.0 a	99.0 a	16.7 -	99.0 a	97.7 a
	BRAKE	1.2	L	16.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
	LSD P=.10							6.77	15.66	3.16	30.33	.	12.73
	Standard Deviation							4.83	11.17	2.25	21.63	0.00	9.08
	CV							115.84	13.6	2.5	169.29	0.0	11.36
	Grand Mean							4.17	82.17	90.03	12.78	90.75	79.92
	Bartlett's X2							1.472	14.507	3.507	5.176	0.00	17.667
	P(Bartlett's X2)							0.993	0.013*	0.173	0.638	.	0.003*

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Could not calculate LSD (% mean diff) for columns 5,7,9,12,15 because error mean square = 0.

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Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	AMAPA Control Percent Jun-12-19	AGRASS Control Percent Jun-12-19	AMAPA Control Percent Jun-24-19	AGRASS Control Percent Jun-24-19	Total Weed - Cover Percent Jun-24-19	AMAPA Control Percent Jul-17-19
								7	8	9	10	11	12
1	NTC			0.0				0.0 b	0.0 d	0.0 b	0.0 c	100.0 a	0.0 b
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	99.0 a	60.0 c	99.0 a	88.0 b	81.7 ab	99.0 a
	POAST	1	EC	16.0	oz/a	POST	C						
	MSO			1.0	% v/v	POST	C						
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	99.0 a	65.0 b	99.0 a	97.7 a	90.0 a	99.0 a
	POAST	1	EC	16.0	oz/a	POST	C						
	MSO			1.0	% v/v	POST	C						
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	40.0 d	99.0 a
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	96.0 a	99.0 a	94.3 ab	61.7 bc	99.0 a
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	94.3 ab	51.7 cd	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	51.7 cd	99.0 a
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	40.0 d	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	38.3 d	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	33.3 d	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A						
	STRONGARM	84	WG	0.23	oz/a	PRE	A						
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Could not calculate LSD (% mean diff) for columns 5,7,9,12,15 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
	Weed Code							AMAPA	AGRASS	AMAPA	AGRASS	Total	AMAPA
	Crop Code							-----	-----	-----	-----		-----
	Part Rated											Weed -	
	Rating Data Type							Control	Control	Control	Control	Cover	Control
	Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent
	Rating Date							Jun-12-19	Jun-12-19	Jun-24-19	Jun-24-19	Jun-24-19	Jul-17-19
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	99.0 a	99.0 a	99.0 a	53.3 cd	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	96.0 a	99.0 a	99.0 a	46.7 cd	99.0 a
	BRAKE	1.2	L	16.0	oz/a	PRE	A						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
	LSD P=.10							.	4.65	.	6.90	20.07	.
	Standard Deviation							0.00	3.32	0.00	4.92	14.31	0.00
	CV							0.0	3.94	0.0	5.53	24.95	0.0
	Grand Mean							90.75	84.17	90.75	88.94	57.36	90.75
	Bartlett's X2							0.00	0.722	0.00	3.827	13.997	0.00
	P(Bartlett's X2)							.	0.697	.	0.281	0.122	.

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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Could not calculate LSD (% mean diff) for columns 5,7,9,12,15 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	AGRASS ----- Control Percent Jul-17-19	Total Weed Cover - Percent Jul-17-19	DEDTO ----- Control Percent Jul-17-19
								13	14	15
1	NTC							0.0 d	100.0 a	0.0 b
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	94.7 bc	76.7 b	99.0 a
	POAST	1	EC	16.0	oz/a	POST	C			
	MSO			1.0	% v/v	POST	C			
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	97.7 ab	80.0 b	99.0 a
	POAST	1	EC	16.0	oz/a	POST	C			
	MSO			1.0	% v/v	POST	C			
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	93.3 c	23.3 cd	99.0 a
	CADRE	2	AS	4.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	96.3 abc	26.7 c	99.0 a
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	96.3 abc	16.7 cde	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	96.3 abc	15.0 cde	99.0 a
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	6.7 e	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A			
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B			
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B			
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B			
	NIS			0.25	% v/v	EPOST	B			
	CADRE	2	AS	4.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	96.3 abc	10.0 de	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A			
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B			
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B			
	NIS			0.25	% v/v	EPOST	B			
	CADRE	2	AS	4.0	oz/a	POST	C			
	ZIDUA	4.17	SC	2.47	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	97.7 ab	5.0 e	99.0 a
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A			
	STRONGARM	84	WG	0.23	oz/a	PRE	A			
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B			
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B			
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B			
	NIS			0.25	% v/v	EPOST	B			
	CADRE	2	AS	4.0	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Could not calculate LSD (% mean diff) for columns 5,7,9,12,15 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	AGRASS ----- Control Percent Jul-17-19	Total Weed Cover - Percent Jul-17-19	DEDTO ----- Control Percent Jul-17-19
	Weed Code									
	Crop Code									
	Part Rated									
	Rating Data Type									
	Rating Unit									
	Rating Date									
								13	14	15
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	99.0 a	18.3 cde	99.0 a
	VALOR SX	51	WG	3.0	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	C			
	ZIDUA	4.17	SC	2.47	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	94.7 bc	13.3 cde	99.0 a
	BRAKE	1.2	L	16.0	oz/a	PRE	A			
	CADRE	2	AS	4.0	oz/a	POST	C			
	ZIDUA	4.17	SC	2.47	oz/a	POST	C			
	NIS			0.25	% v/v	POST	C			
	LSD P=.10							3.80	14.67	.
	Standard Deviation							2.71	10.46	0.00
	CV							3.06	32.05	0.0
	Grand Mean							88.44	32.64	90.75
	Bartlett's X2							2.824	7.929	0.00
	P(Bartlett's X2)							0.945	0.541	.

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
Could not calculate LSD (% mean diff) for columns 5,7,9,12,15 because error mean square = 0.

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For --- ARAHY Injury Percemt May-17-19 (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	1025.000000			
Replicate	2	87.500000	43.750000	1.878	0.1766
Treatment	11	425.000000	38.636364	1.659	0.1504
Error	22	512.500000	23.295455		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-17-19 (Data Column 2)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	35573.000000			
Replicate	2	136.500000	68.250000	0.547	0.5865
Treatment	11	32690.333333	2971.848485	23.808	0.0001
Error	22	2746.166667	124.825758		

Randomized Complete Block (RCB) AOV For DEDTO ----- Control Percent May-17-19 (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26748.972222			
Replicate	2	13.555556	6.777778	1.334	0.2839
Treatment	11	26623.638889	2420.330808	476.367	0.0001
Error	22	111.777778	5.080808		

Randomized Complete Block (RCB) AOV For CYPSP ----- Control Percent May-17-19 (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	18522.222222			
Replicate	2	2272.222222	1136.111111	2.428	0.1115
Treatment	11	5955.555556	541.414141	1.157	0.3686
Error	22	10294.444444	467.929293		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent May-31-19 (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent May-31-19 (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	43202.750000			
Replicate	2	132.166667	66.083333	0.802	0.4613
Treatment	11	41256.750000	3750.613636	45.491	0.0001
Error	22	1813.833333	82.446970		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-12-19 (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jun-12-19 (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	29825.000000			
Replicate	2	15.500000	7.750000	0.703	0.5058
Treatment	11	29567.000000	2687.909091	243.852	0.0001
Error	22	242.500000	11.022727		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jun-24-19 (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jun-24-19 (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26827.888889			
Replicate	2	33.388889	16.694444	0.690	0.5123
Treatment	11	26261.888889	2387.444444	98.616	0.0001
Error	22	532.611111	24.209596		

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Total Weed Cover Percent Jun-24-19 (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	20574.305556			
Replicate	2	376.388889	188.194444	0.919	0.4138
Treatment	11	15690.972222	1426.452020	6.963	0.0001
Error	22	4506.944444	204.861111		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control Percent Jul-17-19 (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control Percent Jul-17-19 (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25858.888889			
Replicate	2	0.388889	0.194444	0.026	0.9739
Treatment	11	25696.888889	2336.080808	318.009	0.0001
Error	22	161.611111	7.345960		

Randomized Complete Block (RCB) AOV For Total Weed Cover Percent Jul-17-19 (Data Column 14)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	38874.305556			
Replicate	2	659.722222	329.861111	3.015	0.0696
Treatment	11	35807.638889	3255.239899	29.754	0.0001
Error	22	2406.944444	109.406566		

Randomized Complete Block (RCB) AOV For DEDTO ----- Control Percent Jul-17-19 (Data Column 15)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	26952.750000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	26952.750000	2450.250000	0.000	1.0000
Error	22	0.000000	0.000000		

Weed Code
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	---	AGRASS -----	DEDTO -----	CYPSP -----	AMAPA -----
	Weed Code								---	AGRASS	DEDTO	CYPSP	AMAPA
	Crop Code								ARAHY	-----	-----	-----	-----
	Part Rated												
	Rating Data Type								Injury	Control	Control	Control	Control
	Rating Unit								Percemt	Percent	Percent	Percent	Percent
	Rating Date								May-17-19	May-17-19	May-17-19	May-17-19	May-31-19
									1	2	3	4	5
1	NTC							101	0.0	0.0	0.0	0.0	0.0
								207	0.0	0.0	0.0	0.0	0.0
								305	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	102	0.0	65.0	95.0	0.0	99.0
	POAST	1	EC	16.0	oz/a	POST	C	204	0.0	0.0	99.0	50.0	99.0
	MSO			1.0	% v/v	POST	C	312	0.0	50.0	99.0	0.0	99.0
								Mean =	0.0	38.3	97.7	16.7	99.0
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	103	0.0	65.0	99.0	0.0	99.0
	POAST	1	EC	16.0	oz/a	POST	C	211	0.0	65.0	99.0	0.0	99.0
	MSO			1.0	% v/v	POST	C	306	10.0	85.0	99.0	0.0	99.0
								Mean =	3.3	71.7	99.0	0.0	99.0
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	0.0	95.0	95.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	201	10.0	99.0	99.0	65.0	99.0
	NIS			0.25	% v/v	POST	C	308	0.0	85.0	85.0	0.0	99.0
								Mean =	3.3	93.0	93.0	21.7	99.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	0.0	99.0	99.0	0.0	99.0
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A	212	0.0	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	303	0.0	85.0	99.0	10.0	99.0
	NIS			0.25	% v/v	POST	C						
								Mean =	0.0	94.3	99.0	3.3	99.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	0.0	95.0	99.0	0.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	208	0.0	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	302	10.0	99.0	99.0	35.0	99.0
	NIS			0.25	% v/v	POST	C						
								Mean =	3.3	97.7	99.0	11.7	99.0
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	10.0	99.0	99.0	0.0	99.0
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	210	0.0	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	301	10.0	99.0	99.0	65.0	99.0
	NIS			0.25	% v/v	POST	C						
								Mean =	6.7	99.0	99.0	21.7	99.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	10.0	99.0	99.0	0.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	206	0.0	99.0	99.0	0.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B	311	0.0	99.0	99.0	0.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
								Mean =	3.3	99.0	99.0	0.0	99.0
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	0.0	99.0	99.0	0.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	203	0.0	99.0	99.0	50.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	310	10.0	90.0	95.0	0.0	99.0
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
								Mean =	3.3	96.0	97.7	16.7	99.0

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5
	Weed Code								---	AGRASS	DEDTO	CYPSP	AMAPA
	Crop Code								ARAHY	-----	-----	-----	-----
	Part Rated												
	Rating Data Type								Injury	Control	Control	Control	Control
	Rating Unit								Percemt	Percent	Percent	Percent	Percent
	Rating Date								May-17-19	May-17-19	May-17-19	May-17-19	May-31-19
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	10.0	99.0	99.0	50.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	209	15.0	99.0	99.0	65.0	99.0
	STRONGARM	84	WG	0.23	oz/a	PRE	A	304	10.0	99.0	99.0	20.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B						
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B						
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B						
	NIS			0.25	% v/v	EPOST	B						
	CADRE	2	AS	4.0	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
								Mean =	11.7	99.0	99.0	45.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	0.0	99.0	99.0	0.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	10.0	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	309	15.0	99.0	99.0	0.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
								Mean =	8.3	99.0	99.0	0.0	99.0
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	0.0	99.0	99.0	0.0	99.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	202	10.0	99.0	99.0	50.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	307	10.0	99.0	99.0	0.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	POST	C						
	NIS			0.25	% v/v	POST	C						
								Mean =	6.7	99.0	99.0	16.7	99.0

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	AGRASS ----- Control Percent May-31-19 6	AMAPA ----- Control Percent Jun-12-19 7	AGRASS ----- Control Percent Jun-12-19 8	AMAPA ----- Control Percent Jun-24-19 9	AGRASS ----- Control Percent Jun-24-19 10	Total Weed - Cover Percent Jun-24-19 11
1	NTC							101	0.0	0.0	0.0	0.0	0.0	100.0
								207	0.0	0.0	0.0	0.0	0.0	100.0
								305	0.0	0.0	0.0	0.0	0.0	100.0
								Mean =	0.0	0.0	0.0	0.0	0.0	100.0
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	102	50.0	99.0	65.0	99.0	90.0	80.0
	POAST	1	EC	16.0	oz/a	POST	C	204	0.0	99.0	50.0	99.0	75.0	80.0
	MSO			1.0	% v/v	POST	C	312	0.0	99.0	65.0	99.0	99.0	85.0
								Mean =	16.7	99.0	60.0	99.0	88.0	81.7
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	103	50.0	99.0	65.0	99.0	95.0	80.0
	POAST	1	EC	16.0	oz/a	POST	C	211	65.0	99.0	65.0	99.0	99.0	100.0
	MSO			1.0	% v/v	POST	C	306	65.0	99.0	65.0	99.0	99.0	90.0
								Mean =	60.0	99.0	65.0	99.0	97.7	90.0
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	99.0	99.0	99.0	99.0	40.0
	CADRE	2	AS	4.0	oz/a	POST	C	201	95.0	99.0	99.0	99.0	99.0	10.0
	NIS			0.25	% v/v	POST	C	308	99.0	99.0	99.0	99.0	99.0	70.0
								Mean =	97.7	99.0	99.0	99.0	99.0	40.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	99.0	99.0	99.0	99.0	60.0
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A	212	99.0	99.0	99.0	99.0	99.0	65.0
	CADRE	2	AS	4.0	oz/a	POST	C	303	90.0	99.0	90.0	99.0	85.0	60.0
	NIS			0.25	% v/v	POST	C							
								Mean =	96.0	99.0	96.0	99.0	94.3	61.7
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	99.0	99.0	99.0	40.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	208	99.0	99.0	99.0	99.0	85.0	65.0
	CADRE	2	AS	4.0	oz/a	POST	C	302	90.0	99.0	99.0	99.0	99.0	50.0
	NIS			0.25	% v/v	POST	C							
								Mean =	96.0	99.0	99.0	99.0	94.3	51.7
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	99.0	99.0	99.0	99.0	99.0	60.0
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	210	99.0	99.0	99.0	99.0	99.0	65.0
	CADRE	2	AS	4.0	oz/a	POST	C	301	99.0	99.0	99.0	99.0	99.0	30.0
	NIS			0.25	% v/v	POST	C							
								Mean =	99.0	99.0	99.0	99.0	99.0	51.7
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	99.0	99.0	99.0	99.0	99.0	40.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	206	99.0	99.0	99.0	99.0	99.0	40.0
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B	311	99.0	99.0	99.0	99.0	99.0	40.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B							
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	99.0	99.0	99.0	99.0	99.0	40.0
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	99.0	99.0	99.0	99.0	50.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	203	99.0	99.0	99.0	99.0	99.0	15.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	310	99.0	99.0	99.0	99.0	99.0	50.0
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B							
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	ZIDUA	4.17	SC	2.47	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	99.0	99.0	99.0	99.0	99.0	38.3

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	AGRASS ----- Control Percent May-31-19	AMAPA ----- Control Percent Jun-12-19	AGRASS ----- Control Percent Jun-12-19	AMAPA ----- Control Percent Jun-24-19	AGRASS ----- Control Percent Jun-24-19	Total Weed - Cover Percent Jun-24-19
									6	7	8	9	10	11
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	99.0	99.0	99.0	99.0	99.0	30.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	209	99.0	99.0	99.0	99.0	99.0	20.0
	STRONGARM	84	WG	0.23	oz/a	PRE	A	304	99.0	99.0	99.0	99.0	99.0	50.0
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B							
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B							
	NIS			0.25	% v/v	EPOST	B							
	CADRE	2	AS	4.0	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	99.0	99.0	99.0	99.0	99.0	33.3
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	99.0	99.0	99.0	99.0	99.0	50.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	99.0	99.0	99.0	99.0	99.0	50.0
	CADRE	2	AS	4.0	oz/a	POST	C	309	99.0	99.0	99.0	99.0	99.0	60.0
	ZIDUA	4.17	SC	2.47	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	99.0	99.0	99.0	99.0	99.0	53.3
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	99.0	99.0	99.0	99.0	99.0	60.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	202	95.0	99.0	99.0	99.0	99.0	30.0
	CADRE	2	AS	4.0	oz/a	POST	C	307	99.0	99.0	90.0	99.0	99.0	50.0
	ZIDUA	4.17	SC	2.47	oz/a	POST	C							
	NIS			0.25	% v/v	POST	C							
								Mean =	97.7	99.0	96.0	99.0	99.0	46.7

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	AMAPA ----- Control Percent Jul-17-19	AGRASS ----- Control Percent Jul-17-19	Total Weed Cover - Percent Jul-17-19	DEDTO ----- Control Percent Jul-17-19
									12	13	14	15
1	NTC							101	0.0	0.0	100.0	0.0
								207	0.0	0.0	100.0	0.0
								305	0.0	0.0	100.0	0.0
								Mean =	0.0	0.0	100.0	0.0
2	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	102	99.0	95.0	60.0	99.0
	POAST	1	EC	16.0	oz/a	POST	C	204	99.0	90.0	85.0	99.0
	MSO			1.0	% v/v	POST	C	312	99.0	99.0	85.0	99.0
								Mean =	99.0	94.7	76.7	99.0
3	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	103	99.0	95.0	60.0	99.0
	POAST	1	EC	16.0	oz/a	POST	C	211	99.0	99.0	95.0	99.0
	MSO			1.0	% v/v	POST	C	306	99.0	99.0	85.0	99.0
								Mean =	99.0	97.7	80.0	99.0
4	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	104	99.0	95.0	15.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	201	99.0	90.0	15.0	99.0
	NIS			0.25	% v/v	POST	C	308	99.0	95.0	40.0	99.0
								Mean =	99.0	93.3	23.3	99.0
5	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	105	99.0	95.0	25.0	99.0
	BAS 85001H	4.17	SC	0.343	oz/a	PRE	A	212	99.0	95.0	40.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	303	99.0	99.0	15.0	99.0
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	96.3	26.7	99.0
6	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	106	99.0	99.0	10.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	208	99.0	95.0	15.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	302	99.0	95.0	25.0	99.0
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	96.3	16.7	99.0
7	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	107	99.0	95.0	10.0	99.0
	BAS 85001H	4.17	SC	1.03	oz/a	PRE	A	210	99.0	99.0	25.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	301	99.0	95.0	10.0	99.0
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	96.3	15.0	99.0
8	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	108	99.0	99.0	5.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	206	99.0	99.0	5.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B	311	99.0	99.0	10.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B					
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B					
	NIS			0.25	% v/v	EPOST	B					
	CADRE	2	AS	4.0	oz/a	POST	C					
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	99.0	6.7	99.0
9	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	109	99.0	95.0	15.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	203	99.0	99.0	5.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	310	99.0	95.0	10.0	99.0
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B					
	NIS			0.25	% v/v	EPOST	B					
	CADRE	2	AS	4.0	oz/a	POST	C					
	ZIDUA	4.17	SC	2.47	oz/a	POST	C					
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	96.3	10.0	99.0

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID: PE-10-19 Study Dir.: LARRY NEWSOME
Location: ATTAPULGUS Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	AMAPA ----- Control Percent Jul-17-19	AGRASS ----- Control Percent Jul-17-19	Total Weed Cover - Percent Jul-17-19	DEDTO ----- Control Percent Jul-17-19
									12	13	14	15
10	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	110	99.0	99.0	5.0	99.0
	BAS 85001H	4.17	SC	0.685	oz/a	PRE	A	209	99.0	99.0	5.0	99.0
	STRONGARM	84	WG	0.23	oz/a	PRE	A	304	99.0	95.0	5.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	EPOST	B					
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B					
	BROADLOOM	4	SL	8.0	oz/a	EPOST	B					
	NIS			0.25	% v/v	EPOST	B					
	CADRE	2	AS	4.0	oz/a	POST	C					
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	97.7	5.0	99.0
11	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	111	99.0	99.0	15.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	205	99.0	99.0	10.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	309	99.0	99.0	30.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	POST	C					
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	99.0	18.3	99.0
12	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	112	99.0	95.0	5.0	99.0
	BRAKE	1.2	L	16.0	oz/a	PRE	A	202	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	307	99.0	90.0	35.0	99.0
	ZIDUA	4.17	SC	2.47	oz/a	POST	C					
	NIS			0.25	% v/v	POST	C					
								Mean =	99.0	94.7	13.3	99.0

University of Georgia

WEED CONTROL IN PEANUT WITH BAS-850-01H (TRIFLUDIMOXAZIN)
YEAR 2

Trial ID:	PE-10-19	Study Dir.:	LARRY NEWSOME
Location:	ATTAPULGUS	Investigator:	Eric P. Prostko

Weed Code
DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.