

University of Georgia

PEANUT WEED CONTROL WITH AUXIN NOZZLES

Trial ID: PE-17-18 Study Dir.: NICK FLEITZ/WILL SMART/BRIAN MATHIS
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Reps: 4

Plots: 6 by 25 feet

Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Stg	Appl Code	Spray Volume	Amt Product to Measure	Rep 1	2	3	4	
1	AIXR 11002 PROWL H20 VALOR SX CADRE DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG AS EC SL	32.0 3.0 4.0 16.0 18.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A C C C	15 15 15 15 15	GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 2.247 g/mx 3.125 mL/mx 12.5 mL/mx 14.06 mL/mx	101	202	311	403
2	AIXR 11002 PROWL H20 VALOR SX COBRA DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG EC EC SL	32.0 3.0 12.5 16.0 18.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A C C C	15 15 15 15 15	GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 2.247 g/mx 9.765 mL/mx 12.5 mL/mx 14.06 mL/mx	102	201	307	408
3	AIXR 11002 PROWL H20 GRAMOXONE STORM DUAL MAGNUM COBRA DUAL MAGNUM 2,4-DB	3.8 2 4 7.62 2 7.62 1.75	SC SL SL EC EC EC SL	32.0 12.0 16.0 16.0 12.5 16.0 18.0	oz/a oz/a oz/a oz/a oz/a oz/a oz/a	PRE EPOST EPOST EPOST POST POST POST	A B B B C C C	15 15 15 15 15 15 15	GPA GPA GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 9.374 mL/mx 12.5 mL/mx 12.5 mL/mx 9.765 mL/mx 12.5 mL/mx 14.06 mL/mx	103	207	302	404
4	ULD-120-02 PROWL H20 VALOR SX CADRE DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG AS EC SL	32.0 3.0 4.0 16.0 18.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A C C C	15 15 15 15 15	GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 2.247 g/mx 3.125 mL/mx 12.5 mL/mx 14.06 mL/mx	104	206	303	406
5	ULD-120-02 PROWL H20 VALOR SX COBRA DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG EC EC SL	32.0 3.0 12.5 16.0 18.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A C C C	15 15 15 15 15	GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 2.247 g/mx 9.765 mL/mx 12.5 mL/mx 14.06 mL/mx	105	211	305	409
6	ULD-120-02 PROWL H20 GRAMOXONE STORM DUAL MAGNUM COBRA DUAL MAGNUM 2,4-DB	3.8 2 4 7.62 2 7.62 1.75	SC SL SL EC EC EC SL	32.0 12.0 16.0 16.0 12.5 16.0 18.0	oz/a oz/a oz/a oz/a oz/a oz/a oz/a	PRE EPOST EPOST EPOST POST POST POST	A B B B C C C	15 15 15 15 15 15 15	GPA GPA GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 9.374 mL/mx 12.5 mL/mx 12.5 mL/mx 9.765 mL/mx 12.5 mL/mx 14.06 mL/mx	106	203	310	401
7	TDXL 11002-D PROWL H20 VALOR SX CADRE DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG AS EC SL	32.0 3.0 4.0 16.0 18.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A C C C	15 15 15 15 15	GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 2.247 g/mx 3.125 mL/mx 12.5 mL/mx 14.06 mL/mx	107	209	308	411
8	TDXL 11002-D PROWL H20 VALOR SX COBRA DUAL MAGNUM 2,4-DB	3.8 51 2 7.62 1.75	SC WG EC EC SL	32.0 3.0 12.5 16.0 18.0	oz/a oz/a oz/a oz/a oz/a	PRE PRE POST POST POST	A A C C C	15 15 15 15 15	GPA GPA GAL/AC GAL/AC GAL/AC	25.0 mL/mx 2.247 g/mx 9.765 mL/mx 12.5 mL/mx 14.06 mL/mx	108	210	304	405

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Reps: 4

Plots: 6 by 25 feet
Mix Size: 1.5 L

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Stg	Appl Code	Spray Volume	Amt Product to Measure	Rep 1	2	3	4
9	TDXL 11002-D									109	204	301	410
	PROWL H2O	3.8	SC	32.0	oz/a	PRE	A	15 GPA	25.0 mL/mx				
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	15 GPA	9.374 mL/mx				
	STORM	4	SL	16.0	oz/a	EPOST	B	15 GPA	12.5 mL/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B	15 GPA	12.5 mL/mx				
	COBRA	2	EC	12.5	oz/a	POST	C	15 GAL/AC	9.765 mL/mx				
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx				
	2,4-DB	1.75	SL	18.0	oz/a	POST	C	15 GAL/AC	14.06 mL/mx				
10	NTC									110	208	309	407
11	NTC									111	205	306	402

Sort Order: Treatment

Trial Comments

MISSING DATA POINTS ON MAY 17 DUE TO DEER DAMAGE.

SUMMARY:

- 1) PRE APPLICATIONS OF VALOR CAUSED SIGNIFICANT PEANUT INJURY DUE TO EXCESSIVE MOISTURE CONDITIONS. GENERALLY, NOZZLE TYPE HAD NO EFFECT ON VALOR INJURY OR PRE WEED CONTROL.
- 2) PALMER AMARANTH, SMALLFLOWR MG, AND FL BEGGARWEED CONTROL WAS NOT INFLUENCED BY NOZZLE TYPE.
- 3) AT SOME RATING DATES, LESS ANNUAL GRASS CONTROL WAS OBSERVED WITH THE TDXL NOZZLE WHEN COMPARED TO THE AIXR OR ULD-120 (~2-5% DIFFERENCES IN CONTROL).
- 4) PROWL + VALOR FB COBRA + DUAL MAGNUM + 2,4-DB DID NOT PROVIDE ADEQUATE SEASON-LONG CONTROL OF ANNUAL GRASSES.

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PEANUT WEED CONTROL WITH AUXIN NOZZLES

Trial ID: PE-17-18 Study Dir.: NICK FLEITZ/WILL SMART/BRIAN MATHIS
Location: ATTAPULGUS Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: NICK FLEITZ/WILL SMART/BRIAN M **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 PANICUM;CRAB;CROW;GOOSE
Weed 3. DEDTO FLORIDA BEGGARWEED **4.** IAQTA SMALLFLOWER MG

Crop 1: ARAHY PEANUT **Variety:** GA-16HO **Planting Date:** May-7-18
Planting Method: MONOSEM **Rate:** 6 SEED/FT **Depth:** 2 IN
Perennial Age: _____ **Row Spacing:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** DRY **Emergence Date:** _____

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4

Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** FACTOR
Trial Initiation Comments: THIMET INFR @ 5.3 LBS/A; DYNASTY PD SEED TRT

Previous: Crops **Pesticides** **Year**
1. COTTON 2017 _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: LOAMY SAND **% OM:** 1.49 **% Sand:** 86 **% Silt:** 6 **% Clay:** 8
pH: 6.0 **CEC:** _____ **Soil Name:** ORANGEBURG **Fertility Level:** _____

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-8-18	_____	0.5	IN	SPRINKLER - CENTER PIVOT	_____	_____
2. May-12-18	_____	0.12	IN	RAINFALL	_____	_____
3. May-15-18	_____	0.41	IN	RAINFALL	_____	_____
4. May-16-18	_____	0.06	IN	RAINFALL	_____	_____
5. May-17-18	_____	1.03	IN	RAINFALL	_____	_____
6. May-18-18	_____	0.56	IN	RAINFALL	_____	_____
7. May-20-18	_____	0.03	IN	RAINFALL	_____	_____
8. May-21-18	_____	0.36	IN	RAINFALL	_____	_____
9. May-22-18	_____	0.14	IN	RAINFALL	_____	_____
10. May-23-18	_____	1.05	IN	RAINFALL	_____	_____
11. May-24-18	_____	0.3	IN	RAINFALL	_____	_____
12. May-26-18	_____	0.07	IN	RAINFALL	_____	_____
13. May-27-18	_____	0.72	IN	RAINFALL	_____	_____
14. May-28-18	_____	2.04	IN	RAINFALL	_____	_____
15. May-29-18	_____	0.64	IN	RAINFALL	_____	_____
16. May-30-18	_____	0.02	IN	RAINFALL	_____	_____

Overall Moisture Conditions:

Closest Weather Station: _____ **Distance:** _____ **Unit:** _____

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APPLICATION DESCRIPTION									
		A	B	C	D	E	F		
Application Date:	May-8-18		May-23-18		Jun-14-18				
Time of Day:	9:00 AM		9:00 AM		9:00 AM				
Application Method:	BROADCAST		BROADCAST		BROADCAST				
Application Timing:	PRE		EPOST		POST				
Applic. Placement:	SOIL		FOLIAGE		FOLIAGE				
Air Temp., Unit:	75 F		77 F		80 F				
% Relative Humidity:	58		89		75				
Wind Velocity, Unit:	2 MPH		1 MPH		3				
Dew Presence (Y/N):	N		Y		Y				
Water Hardness:	--		--		--				
Soil Temp., Unit:	74 F		77 F		74 F				
Soil Moisture:	DRY		WET		OPTIMUM				
% Cloud Cover:	0		50		15				

CROP STAGE AT EACH APPLICATION									
		A	B	C	D	E	F		
Crop 1	Stage: ARAHY								
Stage Scale:		V5		R1					
Height, Unit:		3	IN	5	IN				

WEED STAGE AT EACH APPLICATION									
		A	B	C	D	E	F		
Weed 1	Stage: AMAPA								
Stage Scale:									
Density, Unit:									
Weed 2	Stage: AGRASS		1-3"	2-7"					
Stage Scale:									
Density, Unit:									
Weed 3	Stage: DEDTO			1-2"					
Stage Scale:									
Density, Unit:									
Weed 4	Stage: IAQTA		1"	1"					
Stage Scale:									
Density, Unit:									

APPLICATION EQUIPMENT									
		A	B	C	D	E	F		
Appl. Equipment:	BACKPACK	BACKPACK		SAME AS B					
Operating Pressure:	25	36-44							
Nozzle Type:	MANY	MANY							
Nozzle Size:	02	02							
Nozzle Spacing, Unit:	15	IN 20	IN						
Nozzles/Row:	2								
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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PEANUT WEED CONTROL WITH AUXIN NOZZLES														
Trial ID: PE-17-18 Study Dir.: NICK FLEITZ/WILL SMART/BRIAN MATHIS														
Location: ATTAPULGUS Investigator: Eric P. Prostko														
Weed Code							-----	AMAPA	AGRASS	IAQTA	-----	-----	AMAPA	
Crop Code							ARAHY	-----	-----	-----	ARAHY	ARAHY	-----	
Part Rated							PLANT -	CONTROL	CONTROL	CONTROL	PLANT -	PLANT -	CONTROL	
Rating Data Type							STUNTING	PERCENT	PERCENT	PERCENT	STUNTING	NECROSIS	PERCENT	
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date							May-17-18	May-17-18	May-17-18	May-17-18	May-30-18	May-30-18	May-30-18	
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	1	2	3	4	5	6	7
TABLE OF R MEANS														
Replicate 1								23.9	99.0	98.1	87.7	18.3	6.7	99.0
Replicate 2								23.3	99.0	97.1	87.7	21.1	6.7	99.0
Replicate 3								26.7	99.0	99.0	87.7	17.8	6.7	99.0
Replicate 4								24.3	99.0	98.6	87.7	16.7	6.7	99.0
TABLE OF A (Nozzle) MEANS														
1 AIXR 11002								23.3 b	99.0 a	98.3 a	87.7 a	13.8 b	5.0 a	99.0 a
2 ULD-120-02								26.1 a	99.0 a	98.3 a	87.7 a	21.7 a	8.3 a	99.0 a
3 TDXL 11002-D								24.2 ab	99.0 a	98.0 a	87.7 a	20.0 ab	6.7 a	99.0 a
Tukey's HSD P=.10								2.61	.	1.99	.	6.53	5.92	.
Standard Deviation								2.55	0.00	1.94	0.00	6.36	5.77	0.00
CV								10.38	0.00	1.98	0.00	34.46	86.60	0.00
TABLE OF B (Treatment) MEANS														
1	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	31.7 a	99.0 a	98.7 a	99.0 a	23.3 a	0.0 b	99.0 a
1	VALOR SX	51	WG	3.0	oz/a	PRE	A							
1	CADRE	2	AS	4.0	oz/a	POST	C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	31.9 a	99.0 a	98.7 a	99.0 a	21.3 a	1.7 b	99.0 a
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	10.0 b	99.0 a	97.3 b	65.0 b	10.8 b	18.3 a	99.0 a
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
Tukey's HSD P=.10								2.96	.	1.13	.	7.07	5.92	.
Standard Deviation								2.89	0.00	1.10	0.00	6.89	5.77	0.00
CV								11.76	0.00	1.12	0.00	37.29	86.60	0.00
TABLE OF A (Nozzle) B (Treatment) MEANS														
1 AIXR 11002								30.0 a	99.0 a	99.0 a	99.0 a	15.0 b	0.0 b	99.0 a
1	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
1	VALOR SX	51	WG	3.0	oz/a	PRE	A							
1	CADRE	2	AS	4.0	oz/a	POST	C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							35.0 a	99.0 a	99.0 a	99.0 a	30.0 a	0.0 b	99.0 a
1	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
1	VALOR SX	51	WG	3.0	oz/a	PRE	A							
1	CADRE	2	AS	4.0	oz/a	POST	C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							30.0 a	99.0 a	98.0 a	99.0 a	25.0 a	0.0 b	99.0 a
1	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
1	VALOR SX	51	WG	3.0	oz/a	PRE	A							
1	CADRE	2	AS	4.0	oz/a	POST	C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST	C							

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY PLANT - STUNTING PERCENT May-17-18	AMAPA ----- CONTROL PERCENT May-17-18	AGRASS ----- CONTROL PERCENT May-17-18	IAQTA ----- CONTROL PERCENT May-17-18	----- ARAHY PLANT - STUNTING PERCENT May-30-18	----- ARAHY PLANT - NECROSIS PERCENT May-30-18	AMAPA ----- CONTROL PERCENT May-30-18	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	1	2	3	4	5	6	7
1	AIXR 11002							30.0 a	99.0 a	99.0 a	99.0 a	13.8 b	0.0 b	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							33.3 a	99.0 a	99.0 a	99.0 a	25.0 a	5.0 b	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							32.5 a	99.0 a	98.0 a	99.0 a	25.0 a	0.0 b	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
1	AIXR 11002							10.0 b	99.0 a	96.8 a	65.0 b	12.5 b	15.0 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							10.0 b	99.0 a	97.0 a	65.0 b	10.0 b	20.0 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							10.0 b	99.0 a	98.0 a	65.0 b	10.0 b	20.0 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
Tukey's HSD P=.10								8.42		5.42		7.34	9.50	
Standard Deviation								2.98	0.00	2.33	0.00	3.15	4.08	0.00
CV								12.15	0.00	2.37	0.00	17.08	61.24	0.00

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AGRASS ----- CONTROL PERCENT May-30-18	IAQTA ----- CONTROL PERCENT May-30-18	----- ARAHY PLANT - STUNTING PERCENT Jun-14-18	AMAPA ----- CONTROL PERCENT Jun-14-18	AGRASS ----- CONTROL PERCENT Jun-14-18	IAQTA ----- CONTROL PERCENT Jun-14-18	DEDT0 ----- CONTROL PERCENT Jun-14-18
Trt	Treatment	Form	Form	Rate	Grow	Appl	8	9	10	11	12	13	14
No.	Name	Conc	Type	Rate	Unit	Stg							
TABLE OF R MEANS													
Replicate 1							98.1	99.0	14.4	99.0	95.6	99.0	99.0
Replicate 2							98.1	99.0	15.6	99.0	96.1	99.0	99.0
Replicate 3							98.6	99.0	12.8	99.0	95.7	99.0	99.0
Replicate 4							97.7	99.0	15.0	99.0	95.1	99.0	99.0
TABLE OF A (Nozzle) MEANS													
1 AIXR 11002							98.7 a	99.0 a	12.9 a	99.0 a	96.9 a	99.0 a	99.0 a
2 ULD-120-02							98.7 a	99.0 a	16.3 a	99.0 a	96.9 a	99.0 a	99.0 a
3 TDXL 11002-D							97.0 b	99.0 a	14.2 a	99.0 a	93.0 b	99.0 a	99.0 a
Tukey's HSD P=.10							1.31	.	4.81	.	3.33	.	.
Standard Deviation							1.28	0.00	4.69	0.00	3.25	0.00	0.00
CV							1.30	0.00	32.47	0.00	3.40	0.00	0.00
TABLE OF B (Treatment) MEANS													
1 PROWL H20 3.8 SC 32.0 oz/a PRE A							97.3 b	99.0 a	14.6 ab	99.0 a	95.0 b	99.0 a	99.0 a
1 VALOR SX 51 WG 3.0 oz/a PRE A													
1 CADRE 2 AS 4.0 oz/a POST C													
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
1 2,4-DB 1.75 SL 18.0 oz/a POST C													
2 PROWL H20 3.8 SC 32.0 oz/a PRE A							98.0 b	99.0 a	17.1 a	99.0 a	93.5 b	99.0 a	99.0 a
2 VALOR SX 51 WG 3.0 oz/a PRE A													
2 COBRA 2 EC 12.5 oz/a POST C													
2 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
2 2,4-DB 1.75 SL 18.0 oz/a POST C													
3 PROWL H20 3.8 SC 32.0 oz/a PRE A							99.0 a	99.0 a	11.7 b	99.0 a	98.3 a	99.0 a	99.0 a
3 GRAMOXONE 2 SL 12.0 oz/a EPOST B													
3 STORM 4 SL 16.0 oz/a EPOST B													
3 DUAL MAGNUM 7.62 EC 16.0 oz/a EPOST B													
3 COBRA 2 EC 12.5 oz/a POST C													
3 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
3 2,4-DB 1.75 SL 18.0 oz/a POST C													
Tukey's HSD P=.10							0.88	.	3.98	.	3.07	.	.
Standard Deviation							0.86	0.00	3.88	0.00	2.99	0.00	0.00
CV							0.88	0.00	26.85	0.00	3.13	0.00	0.00
TABLE OF A (Nozzle) B (Treatment) MEANS													
1 AIXR 11002							99.0 a	99.0 a	10.0 a	99.0 a	99.0 a	99.0 a	99.0 a
1 PROWL H20 3.8 SC 32.0 oz/a PRE A													
1 VALOR SX 51 WG 3.0 oz/a PRE A													
1 CADRE 2 AS 4.0 oz/a POST C													
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
1 2,4-DB 1.75 SL 18.0 oz/a POST C													
2 ULD-120-02							98.0 ab	99.0 a	16.3 a	99.0 a	96.0 a	99.0 a	99.0 a
1 PROWL H20 3.8 SC 32.0 oz/a PRE A													
1 VALOR SX 51 WG 3.0 oz/a PRE A													
1 CADRE 2 AS 4.0 oz/a POST C													
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
1 2,4-DB 1.75 SL 18.0 oz/a POST C													
3 TDXL 11002-D							95.0 b	99.0 a	17.5 a	99.0 a	90.0 b	99.0 a	99.0 a
1 PROWL H20 3.8 SC 32.0 oz/a PRE A													
1 VALOR SX 51 WG 3.0 oz/a PRE A													
1 CADRE 2 AS 4.0 oz/a POST C													
1 DUAL MAGNUM 7.62 EC 16.0 oz/a POST C													
1 2,4-DB 1.75 SL 18.0 oz/a POST C													

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AGRASS ----- CONTROL PERCENT May-30-18	IAQTA ----- CONTROL PERCENT May-30-18	----- ARAHY PLANT - STUNTING PERCENT Jun-14-18	AMAPA ----- CONTROL PERCENT Jun-14-18	AGRASS ----- CONTROL PERCENT Jun-14-18	IAQTA ----- CONTROL PERCENT Jun-14-18	DEDTO ----- CONTROL PERCENT Jun-14-18	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	8	9	10	11	12	13	14
1	AIXR 11002							98.0 ab	99.0 a	15.0 a	99.0 a	94.8 ab	99.0 a	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							99.0 a	99.0 a	20.0 a	99.0 a	95.8 a	99.0 a	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							97.0 ab	99.0 a	16.3 a	99.0 a	90.0 b	99.0 a	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
1	AIXR 11002							99.0 a	99.0 a	13.8 a	99.0 a	97.0 a	99.0 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							99.0 a	99.0 a	12.5 a	99.0 a	99.0 a	99.0 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							99.0 a	99.0 a	8.8 a	99.0 a	99.0 a	99.0 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
Tukey's HSD P=.10								3.17	.	11.90	.	4.84	.	.
Standard Deviation								1.36	0.00	5.11	0.00	2.08	0.00	0.00
CV								1.39	0.00	35.41	0.00	2.17	0.00	0.00

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY PLANT - STUNTING PERCENT Jun-25-18	AGRASS ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jun-25-18	DEDTO ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jul-17-18	AGRASS ----- CONTROL PERCENT Jul-17-18	DEDTO ----- CONTROL PERCENT Jul-17-18
Trt	Treatment	Form	Form	Rate	Grow	Appl	15	16	17	18	19	20	21
No.	Name	Conc	Type	Rate	Unit	Stg							
TABLE OF R MEANS													
Replicate 1							10.0	94.4	99.0	99.0	99.0	91.6	99.0
Replicate 2							10.0	93.8	99.0	99.0	99.0	87.0	99.0
Replicate 3							7.2	94.6	99.0	99.0	99.0	85.4	99.0
Replicate 4							8.3	95.0	99.0	99.0	99.0	88.3	99.0
TABLE OF A (Nozzle) MEANS													
1 AIXR 11002							8.8 a	94.4 a	99.0 a	99.0 a	99.0 a	87.4 a	99.0 a
2 ULD-120-02							7.9 a	97.2 a	99.0 a	99.0 a	99.0 a	90.7 a	99.0 a
3 TDXL 11002-D							10.0 a	91.8 a	99.0 a	99.0 a	99.0 a	86.2 a	99.0 a
Tukey's HSD P=.10							3.73	8.12	.	.	.	11.24	.
Standard Deviation							3.63	7.92	0.00	0.00	0.00	10.95	0.00
CV							40.86	8.38	0.00	0.00	0.00	12.43	0.00
TABLE OF B (Treatment) MEANS													
1	PROWL H20	3.8	SC	32.0	oz/a	PRE A	0.4 b	96.8 a	99.0 a	99.0 a	99.0 a	94.8 a	99.0 a
1	VALOR SX	51	WG	3.0	oz/a	PRE A							
1	CADRE	2	AS	4.0	oz/a	POST C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST C							
2	PROWL H20	3.8	SC	32.0	oz/a	PRE A	12.5 a	89.3 b	99.0 a	99.0 a	99.0 a	78.3 c	99.0 a
2	VALOR SX	51	WG	3.0	oz/a	PRE A							
2	COBRA	2	EC	12.5	oz/a	POST C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST C							
3	PROWL H20	3.8	SC	32.0	oz/a	PRE A	13.8 a	97.2 a	99.0 a	99.0 a	99.0 a	91.1 b	99.0 a
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST B							
3	STORM	4	SL	16.0	oz/a	EPOST B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST B							
3	COBRA	2	EC	12.5	oz/a	POST C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST C							
Tukey's HSD P=.10							3.08	4.38	.	.	.	3.32	.
Standard Deviation							3.00	4.26	0.00	0.00	0.00	3.24	0.00
CV							33.80	4.52	0.00	0.00	0.00	3.68	0.00
TABLE OF A (Nozzle) B (Treatment) MEANS													
1 AIXR 11002							0.0 b	99.0 a	99.0 a	99.0 a	99.0 a	94.8 a	99.0 a
1	PROWL H20	3.8	SC	32.0	oz/a	PRE A							
1	VALOR SX	51	WG	3.0	oz/a	PRE A							
1	CADRE	2	AS	4.0	oz/a	POST C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST C							
2	ULD-120-02						0.0 b	98.0 a	99.0 a	99.0 a	99.0 a	94.8 a	99.0 a
1	PROWL H20	3.8	SC	32.0	oz/a	PRE A							
1	VALOR SX	51	WG	3.0	oz/a	PRE A							
1	CADRE	2	AS	4.0	oz/a	POST C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST C							
3	TDXL 11002-D						1.3 b	93.5 ab	99.0 a	99.0 a	99.0 a	95.0 a	99.0 a
1	PROWL H20	3.8	SC	32.0	oz/a	PRE A							
1	VALOR SX	51	WG	3.0	oz/a	PRE A							
1	CADRE	2	AS	4.0	oz/a	POST C							
1	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST C							
1	2,4-DB	1.75	SL	18.0	oz/a	POST C							

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY PLANT - STUNTING PERCENT Jun-25-18	AGRASS ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jun-25-18	DEDTO ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jul-17-18	AGRASS ----- CONTROL PERCENT Jul-17-18	DEDTO ----- CONTROL PERCENT Jul-17-18	
Trt No.	Treatment	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	15	16	17	18	19	20	21
1	AIXR 11002							12.5 a	89.8 ab	99.0 a	99.0 a	99.0 a	83.8 ab	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							11.3 a	94.5 ab	99.0 a	99.0 a	99.0 a	82.5 ab	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							13.8 a	83.8 b	99.0 a	99.0 a	99.0 a	68.8 b	99.0 a
2	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
2	VALOR SX	51	WG	3.0	oz/a	PRE	A							
2	COBRA	2	EC	12.5	oz/a	POST	C							
2	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
2	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
1	AIXR 11002							13.8 a	94.5 ab	99.0 a	99.0 a	99.0 a	83.8 ab	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
2	ULD-120-02							12.5 a	99.0 a	99.0 a	99.0 a	99.0 a	94.8 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
3	TDXL 11002-D							15.0 a	98.0 a	99.0 a	99.0 a	99.0 a	94.8 a	99.0 a
3	PROWL H20	3.8	SC	32.0	oz/a	PRE	A							
3	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B							
3	STORM	4	SL	16.0	oz/a	EPOST	B							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
3	COBRA	2	EC	12.5	oz/a	POST	C							
3	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
3	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
Tukey's HSD P=.10								6.43	13.44	.	.	.	17.50	.
Standard Deviation								2.76	5.78	0.00	0.00	0.00	7.52	0.00
CV								31.09	6.12	0.00	0.00	0.00	8.54	0.00

Means followed by same letter or symbol do not significantly differ (P=.10, Tukey's HSD)

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COMPLETE FACTORIAL AOV For ----- ARAHY PLANT STUNTING PERCENT May-17-18 (Data Column 1) Missing values in column 1 results in unbalanced data, Least Squares Analysis is preferred							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	28	4086.728395					
R	3	58.333333	19.444444	2.188	0.2078		
A	2	48.765432	24.382716	3.762	0.0873		2.6
RA	6	38.888889	6.481481				
B	2	3804.320988	1902.160494	228.259	0.0001		3.0
RB	6	50.000000	8.333333				
AB	4	41.975309	10.493827	1.181	0.4200		8.4
RAB	5	44.444444	8.888889				

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-17-18 (Data Column 2)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT May-17-18 (Data Column 3)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	137.638889					
R	3	17.638889	5.879630	1.082	0.3938		
A	2	0.722222	0.361111	0.096	0.9100		2.0
RA	6	22.611111	3.768519				
B	2	16.055556	8.027778	6.618	0.0303		1.1
RB	6	7.277778	1.212963				
AB	4	8.111111	2.027778	0.373	0.8234		5.4
RAB	12	65.222222	5.435185				

COMPLETE FACTORIAL AOV For IAQTA ----- CONTROL PERCENT May-17-18 (Data Column 4)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	9248.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	9248.000000	4624.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT STUNTING PERCENT May-30-18 (Data Column 5)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	2640.972222					
R	3	96.527778	32.175926	3.233	0.0607		
A	2	418.055556	209.027778	5.160	0.0497		6.5
RA	6	243.055556	40.509259				
B	2	1076.388889	538.194444	11.341	0.0092		7.1
RB	6	284.722222	47.453704				
AB	4	402.777778	100.694444	10.116	0.0008		7.3
RAB	12	119.444444	9.953704				

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT NECROSIS PERCENT May-30-18 (Data Column 6)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	3200.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	66.666667	33.333333	1.000	0.4219		5.9
RA	6	200.000000	33.333333				
B	2	2466.666667	1233.333333	37.000	0.0004		5.9
RB	6	200.000000	33.333333				
AB	4	66.666667	16.666667	1.000	0.4449		9.5
RAB	12	200.000000	16.666667				

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COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT May-30-18 (Data Column 7)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT May-30-18 (Data Column 8)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	99.555556					
R	3	3.555556	1.185185	0.640	0.6037		
A	2	22.222222	11.111111	6.818	0.0285	1.3	
RA	6	9.777778	1.629630				
B	2	16.888889	8.444444	11.400	0.0090	0.9	
RB	6	4.444444	0.740741				
AB	4	20.444444	5.111111	2.760	0.0774	3.2	
RAB	12	22.222222	1.851852				

COMPLETE FACTORIAL AOV For IAQTA ----- CONTROL PERCENT May-30-18 (Data Column 9)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT STUNTING PERCENT Jun-14-18 (Data Column 10)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	988.888889					
R	3	38.888889	12.962963	0.496	0.6921		
A	2	68.055556	34.027778	1.547	0.2871	4.8	
RA	6	131.944444	21.990741				
B	2	176.388889	88.194444	5.862	0.0388	4.0	
RB	6	90.277778	15.046296				
AB	4	169.444444	42.361111	1.619	0.2328	11.9	
RAB	12	313.888889	26.157407				

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jun-14-18 (Data Column 11)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT Jun-14-18 (Data Column 12)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	574.555556					
R	3	4.555556	1.518519	0.351	0.7891		
A	2	122.722222	61.361111	5.818	0.0394	3.3	
RA	6	63.277778	10.546296				
B	2	146.888889	73.444444	8.194	0.0192	3.1	
RB	6	53.777778	8.962963				
AB	4	131.444444	32.861111	7.600	0.0027	4.8	
RAB	12	51.888889	4.324074				

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COMPLETE FACTORIAL AOV For IAQTA ----- CONTROL PERCENT Jun-14-18 (Data Column 13)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For DEDTO ----- CONTROL PERCENT Jun-14-18 (Data Column 14)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For ----- ARAHY PLANT STUNTING PERCENT Jun-25-18 (Data Column 15)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	1605.555556					
R	3	50.000000	16.666667	2.182	0.1431		
A	2	26.388889	13.194444	1.000	0.4219	3.7	
RA	6	79.166667	13.194444				
B	2	1301.388889	650.694444	72.077	0.0001	3.1	
RB	6	54.166667	9.027778				
AB	4	2.777778	0.694444	0.091	0.9835	6.4	
RAB	12	91.666667	7.638889				

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT Jun-25-18 (Data Column 16)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	1708.888889					
R	3	6.888889	2.296296	0.069	0.9755		
A	2	176.055556	88.027778	1.405	0.3159	8.1	
RA	6	375.944444	62.657407				
B	2	470.888889	235.444444	12.947	0.0067	4.4	
RB	6	109.111111	18.185185				
AB	4	169.444444	42.361111	1.269	0.3352	13.4	
RAB	12	400.555556	33.379630				

COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jun-25-18 (Data Column 17)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

COMPLETE FACTORIAL AOV For DEDTO ----- CONTROL PERCENT Jun-25-18 (Data Column 18)							
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)	
Total	35	0.000000					
R	3	0.000000	0.000000	0.000	1.0000		
A	2	0.000000	0.000000	0.000	1.0000		.
RA	6	0.000000	0.000000				
B	2	0.000000	0.000000	0.000	1.0000		.
RB	6	0.000000	0.000000				
AB	4	0.000000	0.000000	0.000	1.0000		.
RAB	12	0.000000	0.000000				

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COMPLETE FACTORIAL AOV For AMAPA ----- CONTROL PERCENT Jul-17-18 (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	35	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	0.000000	0.000000	0.000	1.0000	.
RA	6	0.000000	0.000000			
B	2	0.000000	0.000000	0.000	1.0000	.
RB	6	0.000000	0.000000			
AB	4	0.000000	0.000000	0.000	1.0000	.
RAB	12	0.000000	0.000000			

COMPLETE FACTORIAL AOV For AGRASS ----- CONTROL PERCENT Jul-17-18 (Data Column 20)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	35	4316.750000				
R	3	182.305556	60.768519	1.073	0.3970	
A	2	129.500000	64.750000	0.540	0.6087	11.2
RA	6	719.611111	119.935185			
B	2	1795.500000	897.750000	85.575	0.0001	3.3
RB	6	62.944444	10.490741			
AB	4	747.500000	186.875000	3.301	0.0483	17.5
RAB	12	679.388889	56.615741			

COMPLETE FACTORIAL AOV For DEDTO ----- CONTROL PERCENT Jul-17-18 (Data Column 21)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	HSD (.10)
Total	35	0.000000				
R	3	0.000000	0.000000	0.000	1.0000	
A	2	0.000000	0.000000	0.000	1.0000	.
RA	6	0.000000	0.000000			
B	2	0.000000	0.000000	0.000	1.0000	.
RB	6	0.000000	0.000000			
AB	4	0.000000	0.000000	0.000	1.0000	.
RAB	12	0.000000	0.000000			

Weed Code
 AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
 IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB.
 DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC.

Part Rated
 PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

University of Georgia

PEANUT WEED CONTROL WITH AUXIN NOZZLES

Trial ID: PE-17-18 Study Dir.: NICK FLEITZ/WILL SMART/BRIAN MATHIS
 Location: ATTAPULGUS Investigator: Eric P. Prostko

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- ARAHY PLANT - STUNTING PERCENT May-17-18	AMAPA ----- CONTROL PERCENT May-17-18	AGRASS ----- CONTROL PERCENT May-17-18	IAQTA ----- CONTROL PERCENT May-17-18	----- ARAHY PLANT - STUNTING PERCENT May-30-18	----- ARAHY PLANT - NECROSIS PERCENT May-30-18		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
1	AIXR 11002						101		30.0	99.0	99.0	99.0	20.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	202	30.0	99.0	99.0	99.0	20.0	0.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	311	30.0	99.0	99.0	99.0	10.0	0.0
	CADRE	2	AS	4.0	oz/a	POST	C	403	30.0	99.0	99.0	99.0	10.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								30.0	99.0	99.0	99.0	15.0	0.0
2	AIXR 11002						102		30.0	99.0	99.0	99.0	15.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	201	30.0	99.0	99.0	99.0	20.0	0.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	307	30.0	99.0	99.0	99.0	10.0	0.0
	COBRA	2	EC	12.5	oz/a	POST	C	408		99.0	99.0	99.0	10.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								30.0	99.0	99.0	99.0	13.8	0.0
3	AIXR 11002						103			99.0	99.0	65.0	20.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	207	10.0	99.0	90.0	65.0	10.0	20.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	302	10.0	99.0	99.0	65.0	10.0	20.0
	STORM	4	SL	16.0	oz/a	EPOST	B	404	10.0	99.0	99.0	65.0	10.0	20.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								10.0	99.0	96.8	65.0	12.5	15.0
4	ULD-120-02						104			99.0	99.0	99.0	30.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	206	30.0	99.0	99.0	99.0	30.0	0.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	303	40.0	99.0	99.0	99.0	30.0	0.0
	CADRE	2	AS	4.0	oz/a	POST	C	406		99.0	99.0	99.0	30.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								35.0	99.0	99.0	99.0	30.0	0.0
5	ULD-120-02						105		30.0	99.0	99.0	99.0	10.0	20.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	211	30.0	99.0	99.0	99.0	30.0	0.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	305	40.0	99.0	99.0	99.0	30.0	0.0
	COBRA	2	EC	12.5	oz/a	POST	C	409		99.0	99.0	99.0	30.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								33.3	99.0	99.0	99.0	25.0	5.0
6	ULD-120-02						106		10.0	99.0	95.0	65.0	10.0	20.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	203	10.0	99.0	99.0	65.0	10.0	20.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	310	10.0	99.0	99.0	65.0	10.0	20.0
	STORM	4	SL	16.0	oz/a	EPOST	B	401	10.0	99.0	95.0	65.0	10.0	20.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								10.0	99.0	97.0	65.0	10.0	20.0
7	TDXL 11002-D						107		30.0	99.0	99.0	99.0	30.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	209	30.0	99.0	95.0	99.0	30.0	0.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	308	30.0	99.0	99.0	99.0	20.0	0.0
	CADRE	2	AS	4.0	oz/a	POST	C	411		99.0	99.0	99.0	20.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								30.0	99.0	98.0	99.0	25.0	0.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date								----- ARAHY PLANT - STUNTING PERCENT May-17-18	AMAPA ----- CONTROL PERCENT May-17-18	AGRASS ----- CONTROL PERCENT May-17-18	IAQTA ----- CONTROL PERCENT May-17-18	----- ARAHY PLANT - STUNTING PERCENT May-30-18	----- ARAHY PLANT - NECROSIS PERCENT May-30-18	
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	3	4	5	6
8	TDXL 11002-D							108	30.0	99.0	99.0	99.0	20.0	0.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	210	30.0	99.0	95.0	99.0	30.0	0.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	304	40.0	99.0	99.0	99.0	30.0	0.0
	COBRA	2	EC	12.5	oz/a	POST	C	405	30.0	99.0	99.0	99.0	20.0	0.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		32.5	99.0	98.0	99.0	25.0	0.0
9	TDXL 11002-D							109	10.0	99.0	95.0	65.0	10.0	20.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	204	10.0	99.0	99.0	65.0	10.0	20.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	301	10.0	99.0	99.0	65.0	10.0	20.0
	STORM	4	SL	16.0	oz/a	EPOST	B	410	.	99.0	99.0	65.0	10.0	20.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		10.0	99.0	98.0	65.0	10.0	20.0
10	NTC							110	0.0	0.0	0.0	0.0	0.0	0.0
								208	0.0	0.0	0.0	0.0	0.0	0.0
								309	0.0	0.0	0.0	0.0	0.0	0.0
								407	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0
11	NTC							111	0.0	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0	0.0
								402	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AMAPA ----- CONTROL PERCENT May-30-18	AGRASS ----- CONTROL PERCENT May-30-18	IAQTA ----- CONTROL PERCENT May-30-18	----- ARAHY PLANT - STUNTING PERCENT Jun-14-18	AMAPA ----- CONTROL PERCENT Jun-14-18	AGRASS ----- CONTROL PERCENT Jun-14-18		
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11	12
1	AIXR 11002						101		99.0	99.0	99.0	10.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	202	99.0	99.0	99.0	10.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	311	99.0	99.0	99.0	10.0	99.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	403	99.0	99.0	99.0	10.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	99.0	99.0	10.0	99.0	99.0
2	AIXR 11002						102		99.0	99.0	99.0	20.0	99.0	95.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	201	99.0	95.0	99.0	20.0	99.0	90.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	307	99.0	99.0	99.0	10.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	408	99.0	99.0	99.0	10.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	98.0	99.0	15.0	99.0	94.8
3	AIXR 11002						103		99.0	99.0	99.0	20.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	207	99.0	99.0	99.0	10.0	99.0	95.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	302	99.0	99.0	99.0	10.0	99.0	95.0
	STORM	4	SL	16.0	oz/a	EPOST	B	404	99.0	99.0	99.0	15.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	99.0	99.0	13.8	99.0	97.0
4	ULD-120-02						104		99.0	99.0	99.0	10.0	99.0	95.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	206	99.0	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	303	99.0	99.0	99.0	15.0	99.0	95.0
	CADRE	2	AS	4.0	oz/a	POST	C	406	99.0	95.0	99.0	20.0	99.0	95.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	98.0	99.0	16.3	99.0	96.0
5	ULD-120-02						105		99.0	99.0	99.0	20.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	211	99.0	99.0	99.0	20.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	305	99.0	99.0	99.0	20.0	99.0	95.0
	COBRA	2	EC	12.5	oz/a	POST	C	409	99.0	99.0	99.0	20.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	99.0	99.0	20.0	99.0	95.8
6	ULD-120-02						106		99.0	99.0	99.0	20.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	203	99.0	99.0	99.0	10.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	310	99.0	99.0	99.0	10.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	401	99.0	99.0	99.0	10.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	99.0	99.0	12.5	99.0	99.0
7	TDXL 11002-D						107		99.0	95.0	99.0	20.0	99.0	85.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	209	99.0	95.0	99.0	20.0	99.0	95.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	308	99.0	95.0	99.0	10.0	99.0	90.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	99.0	95.0	99.0	20.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
	Mean =								99.0	95.0	99.0	17.5	99.0	90.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date								AMAPA ----- CONTROL PERCENT May-30-18	AGRASS ----- CONTROL PERCENT May-30-18	IAQTA ----- CONTROL PERCENT May-30-18	----- ARAHY PLANT - STUNTING PERCENT Jun-14-18	AMAPA ----- CONTROL PERCENT Jun-14-18	AGRASS ----- CONTROL PERCENT Jun-14-18	
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	7	8	9	10	11	12
8	TDXL 11002-D							108	99.0	95.0	99.0	10.0	99.0	90.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	210	99.0	99.0	99.0	20.0	99.0	90.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	304	99.0	99.0	99.0	20.0	99.0	90.0
	COBRA	2	EC	12.5	oz/a	POST	C	405	99.0	95.0	99.0	15.0	99.0	90.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		99.0	97.0	99.0	16.3	99.0	90.0
9	TDXL 11002-D							109	99.0	99.0	99.0	0.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	204	99.0	99.0	99.0	10.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	301	99.0	99.0	99.0	10.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	410	99.0	99.0	99.0	15.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		99.0	99.0	99.0	8.8	99.0	99.0
10	NTC							110	0.0	0.0	0.0	0.0	0.0	0.0
								208	0.0	0.0	0.0	0.0	0.0	0.0
								309	0.0	0.0	0.0	0.0	0.0	0.0
								407	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0
11	NTC							111	0.0	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0	0.0
								402	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							IAQTA ----- CONTROL PERCENT Jun-14-18	DEDTO ----- CONTROL PERCENT Jun-14-18	----- ARAHY PLANT - STUNTING PERCENT Jun-25-18	AGRASS ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jun-25-18	DEDTO ----- CONTROL PERCENT Jun-25-18
Trt	Treatment	Form	Form	Rate	Grow	Appl	13	14	15	16	17	18
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
1	AIXR 11002						101		99.0	99.0	0.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	202	99.0	99.0	0.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	311	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	403	99.0	99.0	0.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	0.0	99.0
2	AIXR 11002						102		99.0	99.0	15.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	201	99.0	99.0	15.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	307	99.0	99.0	10.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	408	99.0	99.0	10.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	12.5	99.0
3	AIXR 11002						103		99.0	99.0	15.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	207	99.0	99.0	15.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	302	99.0	99.0	15.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	404	99.0	99.0	10.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B					
	COBRA	2	EC	12.5	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	13.8	99.0
4	ULD-120-02						104		99.0	99.0	0.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	206	99.0	99.0	0.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	303	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	406	99.0	99.0	0.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	0.0	99.0
5	ULD-120-02						105		99.0	99.0	15.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	211	99.0	99.0	15.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	305	99.0	99.0	0.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	409	99.0	99.0	15.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	11.3	99.0
6	ULD-120-02						106		99.0	99.0	15.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	203	99.0	99.0	10.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	310	99.0	99.0	10.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	401	99.0	99.0	15.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B					
	COBRA	2	EC	12.5	oz/a	POST	C					
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	12.5	99.0
7	TDXL 11002-D						107		99.0	99.0	0.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	209	99.0	99.0	5.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	308	99.0	99.0	0.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C	411	99.0	99.0	0.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C					
	2,4-DB	1.75	SL	18.0	oz/a	POST	C					
	Mean =								99.0	99.0	1.3	99.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date								IAQTA ----- CONTROL PERCENT Jun-14-18	DEDTO ----- CONTROL PERCENT Jun-14-18	----- ARAHY PLANT - STUNTING PERCENT Jun-25-18	AGRASS ----- CONTROL PERCENT Jun-25-18	AMAPA ----- CONTROL PERCENT Jun-25-18	DEDTO ----- CONTROL PERCENT Jun-25-18	
Trt	Treatment	Form	Form	Rate	Grow	Appl								
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16	17	18
8	TDXL 11002-D							108	99.0	99.0	15.0	75.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	210	99.0	99.0	15.0	90.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A	304	99.0	99.0	15.0	85.0	99.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C	405	99.0	99.0	10.0	85.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		99.0	99.0	13.8	83.8	99.0	99.0
9	TDXL 11002-D							109	99.0	99.0	15.0	99.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A	204	99.0	99.0	15.0	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B	301	99.0	99.0	15.0	95.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B	410	99.0	99.0	15.0	99.0	99.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B							
	COBRA	2	EC	12.5	oz/a	POST	C							
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C							
	2,4-DB	1.75	SL	18.0	oz/a	POST	C							
							Mean =		99.0	99.0	15.0	98.0	99.0	99.0
10	NTC							110	0.0	0.0	0.0	0.0	0.0	0.0
								208	0.0	0.0	0.0	0.0	0.0	0.0
								309	0.0	0.0	0.0	0.0	0.0	0.0
								407	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0
11	NTC							111	0.0	0.0	0.0	0.0	0.0	0.0
								205	0.0	0.0	0.0	0.0	0.0	0.0
								306	0.0	0.0	0.0	0.0	0.0	0.0
								402	0.0	0.0	0.0	0.0	0.0	0.0
							Mean =		0.0	0.0	0.0	0.0	0.0	0.0

Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AMAPA ----- CONTROL PERCENT Jul-17-18	AGRASS ----- CONTROL PERCENT Jul-17-18	DEDTO ----- CONTROL PERCENT Jul-17-18	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Plot Code	19	20	21
1	AIXR 11002						101	99.0	99.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 202	99.0	90.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A 311	99.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C 403	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
	Mean =							99.0	94.8	99.0
2	AIXR 11002						102	99.0	90.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 201	99.0	65.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A 307	99.0	90.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C 408	99.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
	Mean =							99.0	83.8	99.0
3	AIXR 11002						103	99.0	95.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 207	99.0	75.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B 302	99.0	75.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B 404	99.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B			
	COBRA	2	EC	12.5	oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
2,4-DB	1.75	SL	18.0	oz/a	POST	C				
Mean =							99.0	83.8	99.0	
4	ULD-120-02						104	99.0	95.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 206	99.0	99.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A 303	99.0	90.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C 406	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
	Mean =							99.0	94.8	99.0
5	ULD-120-02						105	99.0	95.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 211	99.0	90.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A 305	99.0	65.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C 409	99.0	80.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
	Mean =							99.0	82.5	99.0
6	ULD-120-02						106	99.0	95.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 203	99.0	99.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B 310	99.0	95.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B 401	99.0	90.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B			
	COBRA	2	EC	12.5	oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
2,4-DB	1.75	SL	18.0	oz/a	POST	C				
Mean =							99.0	94.8	99.0	
7	TDXL 11002-D						107	99.0	95.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 209	99.0	95.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A 308	99.0	95.0	99.0
	CADRE	2	AS	4.0	oz/a	POST	C 411	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
	Mean =									

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							AMAPA ----- CONTROL PERCENT Jul-17-18	AGRASS ----- CONTROL PERCENT Jul-17-18	DEDTO ----- CONTROL PERCENT Jul-17-18	
Trt	Treatment	Form	Form	Rate	Grow	Appl				
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot		
8	TDXL 11002-D						108	99.0	65.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 210	99.0	80.0	99.0
	VALOR SX	51	WG	3.0	oz/a	PRE	A 304	99.0	65.0	99.0
	COBRA	2	EC	12.5	oz/a	POST	C 405	99.0	65.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
							Mean =	99.0	68.8	99.0
9	TDXL 11002-D						109	99.0	95.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	PRE	A 204	99.0	90.0	99.0
	GRAMOXONE	2	SL	12.0	oz/a	EPOST	B 301	99.0	99.0	99.0
	STORM	4	SL	16.0	oz/a	EPOST	B 410	99.0	95.0	99.0
	DUAL MAGNUM	7.62	EC	16.0	oz/a	EPOST	B			
	COBRA	2	EC	12.5	oz/a	POST	C			
	DUAL MAGNUM	7.62	EC	16.0	oz/a	POST	C			
	2,4-DB	1.75	SL	18.0	oz/a	POST	C			
							Mean =	99.0	94.8	99.0
10	NTC						110	0.0	0.0	0.0
							208	0.0	0.0	0.0
							309	0.0	0.0	0.0
							407	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0
11	NTC						111	0.0	0.0	0.0
							205	0.0	0.0	0.0
							306	0.0	0.0	0.0
							402	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0

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PEANUT WEED CONTROL WITH AUXIN NOZZLES	
Trial ID: PE-17-18	Study Dir.: NICK FLEITZ/WILL SMART/BRIAN MATHIS
Location: ATTAPULGUS	Investigator: Eric P. Prostko
<u>Weed Code</u> AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS. IAQTA = MORNINGGLORY, SMALLFLOWER / JACQUEMONTIA TAMNIFOLIA (L.) GRISEB. DEDTO = BEGGARWEED, FLORIDA / DESMODIUM TORTUOSUM (SWEET) DC. <u>Part Rated</u> PLANT = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)	