

University of Georgia

BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN)

APPLIED TO BARE-GROUND

Trial ID: BG-01-20

Study Dir.:

Location: PONDER

Investigator: Eric P. Prostko

Reps: 3

Plots: 6 by 25 feet

Appl. Amount: 15 GAL/AC

Mix Size: 1.5 L (total for 3 plots; minimum=0.5866 L)

Trt No.	Treatment Name	Form Conc	Form Type	Form Rate	Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Diluent	Rep 1	Rep 2	Rep 3
1	NTC								-	101	211	310
2	BRAKE	1.2	SL	10.0 oz/a		PRE	A	7.812 mL/mx	1492.2 mL	102	206	311
3	BRAKE	1.2	SL	12.0 oz/a		PRE	A	9.374 mL/mx	1490.6 mL	103	204	309
4	BRAKE	1.2	SL	14.0 oz/a		PRE	A	10.94 mL/mx	1489.1 mL	104	202	308
5	BRAKE	1.2	SL	16.0 oz/a		PRE	A	12.5 mL/mx	1487.5 mL	105	208	307
6	BRAKE	1.2	SL	32.0 oz/a		PRE	A	25.0 mL/mx	1475 mL	106	212	301
7	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a		PRE	A	0.5351 mL/mx	1499.5 mL	107	205	312
8	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a		PRE	A	0.8046 mL/mx	1499.2 mL	108	201	304
9	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a		PRE	A	1.609 mL/mx	1498.4 mL	109	210	303
10	VALOR EZ	4	SC	3.0 oz/a		PRE	A	2.343 mL/mx	1497.7 mL	110	209	302
11	STRONGARM	84	WG	0.45 oz/a		PRE	A	0.337 g/mx	1499.7 mL	111	203	305
12	NTC								-	112	207	306

Sort Order: Treatment

Trial Comments

LAST TILLAGE ON MARCH 30, 2020

FGCC = FUNCTIONAL GREEN CANOPY COVER (CANOPEO PHONE APP)

SUMMARY:

1) AT 45 DAT, ALL PRE TREATMENTS PROVIDED >97% CONTROL OF PALMER AMARANTH EXCEPT STRONGARM. MUCH OF THE PALMER AMARANTH AT THIS LOCATION IS ALS RESISTANT. BRAKE AND TRIFLUDIMOXAZIN PROVIDED CONTROL SIMILAR TO VALOR EZ.

2) AT 45 DAT, BRAKE AT 14 TO 32 OZ/A PROVIDED 80-88% CONTROL OF ANNUAL GRASSES. ALL OTHER PRE TREATMENTS PROVIDED <79% CONTROL OF ANNUAL GRASSES.

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APPLIED TO BARE-GROUND

Trial ID: BG-01-20

Study Dir.:

Location: PONDER

Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: _____

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. _____ 2. _____

Crop 1: _____ Variety: _____ Planting Date: _____

Planting Method: _____ Rate: _____ Depth: _____

Perennial Age: _____ Row Spacing: _____ Seed Bed: _____

Soil Temperature: _____ Soil Moisture: _____ Emergence Date: _____

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

Site Type: _____

Tillage Type: _____ Study Design: RACOB

Trial Initiation Comments: _____

Previous: Crops

Pesticides

Year

1. _____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND

% OM: 0.48 % Sand: 94 % Silt: 2 % Clay: 4

pH: 6.0

CEC: 1.9

Soil Name: FUQUAY

Fertility Level:

GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Mar-25-20		0.5	IN	SPRINKLER - LATERAL MOVE		
2. Mar-31-20		0.7	IN	RAINFALL		
3. Apr-6-20		0.6	IN	SPRINKLER - LATERAL MOVE		
4. Apr-8-20		0.3	IN	RAINFALL		
5. Apr-13-20		0.9	IN	RAINFALL		
6. Apr-18-20		0.04	IN	RAINFALL		
7. Apr-19-20		0.80	IN	RAINFALL		
8. Apr-20-20		0.65	IN	RAINFALL		
9. Apr-23-20		2.4	IN	RAINFALL		
10. Apr-30-20		0.9	IN	RAINFALL		
11. May-17-20		0.11	IN	RAINFALL		
12. May-20-20		1.3	IN	RAINFALL		
13. May-22-20		1.2	IN	RAINFALL		

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN)

APPLIED TO BARE-GROUND

Trial ID: BG-01-20

Study Dir.:

Location: PONDER

Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	Mar-31-20					
Time of Day:	7:30 AM					
Application Method:	BROADCAST					
Application Timing:	PRE					
Applic. Placement:	SOIL					
Air Temp., Unit:	62 F					
% Relative Humidity:	80					
Wind Velocity, Unit:	1 MPH					
Dew Presence (Y/N):	N					
Water Hardness:	--					
Soil Temp., Unit:	70 F					
Soil Moisture:	OPTIMUM					
% Cloud Cover:	100					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage:						
Stage Scale:						
Height, Unit:						

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage:						
Stage Scale:						
Density, Unit:						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK					
Operating Pressure:	30					
Nozzle Type:	AIXR					
Nozzle Size:	11002					
Nozzle Spacing, Unit:	15 IN					
Nozzles/Row:						
Band Width, Unit:						
Boom Length, Unit:	60 IN					
Boom Height, Unit:	20 IN					
Ground Speed, Unit:	3.5 MPH					
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	WATER					
Spray Volume, Unit:	15 GPA					
Spray pH:						
Propellant:	CO2					
Tank Mix (Y/N):	--					

Trt No	Treatment Application Comment

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN) APPLIED TO BARE-GROUND												
Trial ID:		BG-01-20		Study Dir.:		Investigator: Eric P. Prostko						
Location:		PONDER										
Weed Code						PANTE	PANTE	AMAPA	CYPSP	WEEDS	AMAPA	
Crop Code						----	----	----	----		----	
Part Rated												
Rating Data Type										TOTAL	CONTROL	
Rating Unit						#/FT2	#/FT2	#/FT2	#/FT2	#/FT2	PERCENT	
Rating Date						Apr-13-20	Apr-21-20	Apr-21-20	Apr-21-20	Apr-21-20	Apr-30-20	
Trt-Eval Interval						13 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A	30 DA-A	
PRM Data Type										T1		
# Subsamples, Dec.										- 1		
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Rate	Unit	Stg	Code	1	2	3	4	5	6
1 NTC							10.0 a	12.0 a	2.0 a	1.3 a	15.3 a	0.0 b
2 BRAKE	1.2	SL	10.0 oz/a	PRE	A		2.0 b	1.0 c	0.0 a	1.3 a	2.3 c	99.0 a
3 BRAKE	1.2	SL	12.0 oz/a	PRE	A		0.3 b	1.7 c	0.0 a	0.0 a	1.7 c	99.0 a
4 BRAKE	1.2	SL	14.0 oz/a	PRE	A		0.0 b	0.0 c	0.0 a	0.0 a	0.0 c	99.0 a
5 BRAKE	1.2	SL	16.0 oz/a	PRE	A		0.0 b	0.3 c	0.0 a	0.0 a	0.3 c	99.0 a
6 BRAKE	1.2	SL	32.0 oz/a	PRE	A		0.0 b	0.0 c	0.0 a	1.0 a	1.0 c	99.0 a
7 TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A		4.0 b	3.7 bc	0.0 a	0.7 a	4.3 bc	99.0 a
8 TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A		1.7 b	0.7 c	0.0 a	0.3 a	1.0 c	99.0 a
9 TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A		0.0 b	0.0 c	0.0 a	0.7 a	0.7 c	99.0 a
10 VALOR EZ	4	SC	3.0 oz/a	PRE	A		0.7 b	0.0 c	0.0 a	0.3 a	0.3 c	99.0 a
11 STRONGARM	84	WG	0.45 oz/a	PRE	A		3.7 b	1.7 c	0.0 a	0.0 a	1.7 c	99.0 a
12 NTC							9.0 a	6.7 b	0.3 a	2.7 a	9.7 ab	0.0 b
LSD P=.10						4.55	4.49	1.08	1.83	5.87	.	
Standard Deviation						3.24	3.20	0.77	1.30	4.19	0.00	
CV						124.17	138.9	394.49	187.45	131.12	0.0	
Grand Mean						2.61	2.31	0.19	0.69	3.19	82.50	
Bartlett's X2						16.537	16.205	3.431	6.696	31.372	0.00	
P(Bartlett's X2)						0.021*	0.013*	0.064	0.461	0.001*	.	

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 6 because error mean square = 0.

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN) APPLIED TO BARE-GROUND										
Trial ID:		BG-01-20		Study Dir.:						
Location:		PONDER		Investigator: Eric P. Prostko						
Weed Code						AGRASS	FGCC	Amapa	A.grass	Total
Crop Code						-----	-----			
Part Rated								Plant -	Plant -	Weed -
Rating Data Type						CONTROL		Control	Control	Cover
Rating Unit						PERCENT	PERCENT	Percent	Percent	Percent
Rating Date						Apr-30-20	Apr-30-20	May-15-20	May-15-20	May-15-20
Trt-Eval Interval						30 DA-A	30 DA-A	45 DA-A	45 DA-A	45 DA-A
PRM Data Type										
# Subsamples, Dec.							- 2			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	7	8	9	10
1	NTC						0.0 e	1.10 a	0.0 c	0.0 g
2	BRAKE	1.2	SL	10.0 oz/a	PRE A		81.7 bc	0.33 a	97.7 a	68.3 cde
3	BRAKE	1.2	SL	12.0 oz/a	PRE A		86.7 abc	0.06 a	99.0 a	73.3 b-e
4	BRAKE	1.2	SL	14.0 oz/a	PRE A		97.7 ab	0.20 a	96.3 a	81.7 ab
5	BRAKE	1.2	SL	16.0 oz/a	PRE A		96.3 ab	0.21 a	99.0 a	80.0 abc
6	BRAKE	1.2	SL	32.0 oz/a	PRE A		99.0 a	0.29 a	99.0 a	88.3 a
7	TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE A		53.3 d	0.70 a	97.7 a	51.7 f
8	TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE A		71.3 c	1.08 a	99.0 a	63.3 ef
9	TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE A		96.3 ab	0.33 a	99.0 a	78.3 a-d
10	VALOR EZ	4	SC	3.0 oz/a	PRE A		96.3 ab	0.46 a	99.0 a	76.7 a-d
11	STRONGARM	84	WG	0.45 oz/a	PRE A		95.0 ab	0.03 a	48.3 b	66.7 de
12	NTC						0.0 e	1.05 a	0.0 c	0.0 g
LSD P=.10						16.27	0.735	11.95	12.60	7.05
Standard Deviation						11.60	0.524	8.52	8.99	5.03
CV						15.94	107.87	10.95	14.81	24.98
Grand Mean						72.81	0.486	77.83	60.69	20.14
Bartlett's X2						28.26	33.415	18.412	7.538	5.056
P(Bartlett's X2)						0.001*	0.001*	0.001*	0.581	0.887

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 6 because error mean square = 0.

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN) APPLIED TO BARE-GROUND					
Trial ID:	BG-01-20	Study Dir.:			
Location:	PONDER	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For PANTE ----- #/FT2 Apr-13-20 13 DA-A (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	646.555556			
Replicate	2	7.388889	3.694444	0.351	0.7076
Treatment	11	407.888889	37.080808	3.527	0.0057
Error	22	231.277778	10.512626		
Randomized Complete Block (RCB) AOV For PANTE ----- #/FT2 Apr-21-20 21 DA-A (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	691.638889			
Replicate	2	30.388889	15.194444	1.482	0.2491
Treatment	11	435.638889	39.603535	3.862	0.0034
Error	22	225.611111	10.255051		
Randomized Complete Block (RCB) AOV For AMAPA ----- #/FT2 Apr-21-20 21 DA-A (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	25.638889			
Replicate	2	1.722222	0.861111	1.464	0.2531
Treatment	11	10.972222	0.997475	1.695	0.1406
Error	22	12.944444	0.588384		
Randomized Complete Block (RCB) AOV For CYPSP ----- #/FT2 Apr-21-20 21 DA-A (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	65.638889			
Replicate	2	7.388889	3.694444	2.180	0.1368
Treatment	11	20.972222	1.906566	1.125	0.3889
Error	22	37.277778	1.694444		
Randomized Complete Block (RCB) AOV For WEEDS TOTAL #/FT2 Apr-21-20 21 DA-A T1 1 (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	1113.638889			
Replicate	2	12.055556	6.027778	0.344	0.7129
Treatment	11	715.638889	65.058081	3.709	0.0043
Error	22	385.944444	17.542929		
Randomized Complete Block (RCB) AOV For AMAPA ----- CONTROL PERCENT Apr-30-20 30 DA-A (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	49005.000000			
Replicate	2	0.000000	0.000000	0.000	1.0000
Treatment	11	49005.000000	4455.000000	0.000	1.0000
Error	22	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For AGRASS ----- CONTROL PERCENT Apr-30-20 30 DA-A (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	47935.638889			
Replicate	2	840.722222	420.361111	3.122	0.0641
Treatment	11	44132.305556	4012.027778	29.793	0.0001
Error	22	2962.611111	134.664141		
Randomized Complete Block (RCB) AOV For FGCC ----- PERCENT Apr-30-20 30 DA-A 2 (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	11.607656			
Replicate	2	0.365439	0.182719	0.665	0.5245
Treatment	11	5.193122	0.472102	1.717	0.1351
Error	22	6.049094	0.274959		
Randomized Complete Block (RCB) AOV For Amapa Plant Control Percent May-15-20 45 DA-A (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	52109.000000			
Replicate	2	100.666667	50.333333	0.693	0.5107
Treatment	11	50410.333333	4582.757576	63.092	0.0001
Error	22	1598.000000	72.636364		
Randomized Complete Block (RCB) AOV For A.grass Plant Control Percent May-15-20 45 DA-A (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	31757.638889			
Replicate	2	422.222222	211.111111	2.613	0.0959
Treatment	11	29557.638889	2687.058081	33.252	0.0001
Error	22	1777.777778	80.808081		

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN)

APPLIED TO BARE-GROUND

Trial ID: BG-01-20

Study Dir.:

Location: PONDER

Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For Total Weed Cover Percent May-15-20 45 DA-A (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	35	8924.305556			
Replicate	2	126.388889	63.194444	2.496	0.1054
Treatment	11	8240.972222	749.179293	29.594	0.0001
Error	22	556.944444	25.315657		

Weed Code

PANTE = PANICUM, TEXAS / PANICUM TEXANUM BUCKL.

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

PRM Data Type

T1 = [2]+[3]+[4]

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN) APPLIED TO BARE-GROUND											
Trial ID:		BG-01-20		Study Dir.:							
Location:		PONDER		Investigator:		Eric P. Prostko					
Weed Code							PANTE	PANTE	AMAPA	CYPSP	WEEDS
Crop Code							-----	-----	-----	-----	
Part Rated											
Rating Data Type											TOTAL
Rating Unit							#/FT2	#/FT2	#/FT2	#/FT2	#/FT2
Rating Date							Apr-13-20	Apr-21-20	Apr-21-20	Apr-21-20	Apr-21-20
Trt-Eval Interval							13 DA-A	21 DA-A	21 DA-A	21 DA-A	21 DA-A
PRM Data Type											T1
# Subsamples, Dec.											- 1
Trt	Treatment	Form	Form	Rate	Grow	Appl					
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	1	2	
									3	4	
									5		
1	NTC						101		18.0	9.0	
							211		4.0	22.0	
							310		8.0	5.0	
							Mean =		10.0	12.0	
2	BRAKE	1.2	SL	10.0	oz/a	PRE	A	102	4.0	1.0	
							206		1.0	0.0	
							311		1.0	0.0	
							Mean =		2.0	1.0	
3	BRAKE	1.2	SL	12.0	oz/a	PRE	A	103	0.0	1.0	
							204		1.0	4.0	
							309		0.0	0.0	
							Mean =		0.3	1.7	
4	BRAKE	1.2	SL	14.0	oz/a	PRE	A	104	0.0	0.0	
							202		0.0	0.0	
							308		0.0	0.0	
							Mean =		0.0	0.0	
5	BRAKE	1.2	SL	16.0	oz/a	PRE	A	105	0.0	0.0	
							208		0.0	0.0	
							307		0.0	1.0	
							Mean =		0.0	0.3	
6	BRAKE	1.2	SL	32.0	oz/a	PRE	A	106	0.0	0.0	
							212		0.0	0.0	
							301		0.0	0.0	
							Mean =		0.0	0.0	
7	TRIFLUDIMOXAZIN	4.17	SC	0.685	oz/a	PRE	A	107	6.0	2.0	
							205		0.0	7.0	
							312		6.0	2.0	
							Mean =		4.0	3.7	
8	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	108	1.0	0.0	
							201		4.0	2.0	
							304		0.0	0.0	
							Mean =		1.7	0.7	
9	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	109	0.0	0.0	
							210		0.0	0.0	
							303		0.0	0.0	
							Mean =		0.0	0.0	
10	VALOR EZ	4	SC	3.0	oz/a	PRE	A	110	0.0	0.0	
							209		1.0	0.0	
							302		1.0	0.0	
							Mean =		0.7	0.0	
11	STRONGARM	84	WG	0.45	oz/a	PRE	A	111	0.0	2.0	
							203		11.0	0.0	
							305		0.0	3.0	
							Mean =		3.7	1.7	
12	NTC						112		10.0	13.0	
							207		6.0	5.0	
							306		11.0	2.0	
							Mean =		9.0	6.7	

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN) APPLIED TO BARE-GROUND												
Trial ID:		BG-01-20		Study Dir.:		Investigator: Eric P. Prostko						
Location:		PONDER										
Weed Code							AMAPA	AGRASS	FGCC	Amapa	A.grass	
Crop Code							----	----	----			
Part Rated												
Rating Data Type							CONTROL	CONTROL		Plant -	Plant -	
Rating Unit							PERCENT	PERCENT	PERCENT	Control	Control	
Rating Date							Apr-30-20	Apr-30-20	Apr-30-20	Percent	Percent	
Trt-Eval Interval							30 DA-A	30 DA-A	30 DA-A	May-15-20	May-15-20	
PRM Data Type										45 DA-A	45 DA-A	
# Subsamples, Dec.									- 2			
Trt Treatment	Form	Form	Rate	Grow	Appl							
No. Name	Conc	Type	Rate	Unit	Stg	Code	Plot	6	7	8	9	10
1 NTC						101		0.0	0.0	1.82	0.0	0.0
						211		0.0	0.0	0.74	0.0	0.0
						310		0.0	0.0	0.74	0.0	0.0
						Mean =		0.0	0.0	1.10	0.0	0.0
2 BRAKE	1.2	SL	10.0 oz/a	PRE	A	102		99.0	85.0	0.11	95.0	75.0
						206		99.0	75.0	0.33	99.0	65.0
						311		99.0	85.0	0.55	99.0	65.0
						Mean =		99.0	81.7	0.33	97.7	68.3
3 BRAKE	1.2	SL	12.0 oz/a	PRE	A	103		99.0	95.0	0.03	99.0	85.0
						204		99.0	75.0	0.03	99.0	65.0
						309		99.0	90.0	0.11	99.0	70.0
						Mean =		99.0	86.7	0.06	99.0	73.3
4 BRAKE	1.2	SL	14.0 oz/a	PRE	A	104		99.0	99.0	0.09	95.0	90.0
						202		99.0	95.0	0.46	95.0	70.0
						308		99.0	99.0	0.05	99.0	85.0
						Mean =		99.0	97.7	0.20	96.3	81.7
5 BRAKE	1.2	SL	16.0 oz/a	PRE	A	105		99.0	95.0	0.04	99.0	80.0
						208		99.0	99.0	0.51	99.0	75.0
						307		99.0	95.0	0.08	99.0	85.0
						Mean =		99.0	96.3	0.21	99.0	80.0
6 BRAKE	1.2	SL	32.0 oz/a	PRE	A	106		99.0	99.0	0.09	99.0	85.0
						212		99.0	99.0	0.26	99.0	85.0
						301		99.0	99.0	0.53	99.0	95.0
						Mean =		99.0	99.0	0.29	99.0	88.3
7 TRIFLUDIMOXAZIN	4.17	SC	0.685 oz/a	PRE	A	107		99.0	65.0	0.18	95.0	45.0
						205		99.0	30.0	0.99	99.0	50.0
						312		99.0	65.0	0.92	99.0	60.0
						Mean =		99.0	53.3	0.70	97.7	51.7
8 TRIFLUDIMOXAZIN	4.17	SC	1.03 oz/a	PRE	A	108		99.0	85.0	0.20	99.0	65.0
						201		99.0	30.0	2.50	99.0	40.0
						304		99.0	99.0	0.53	99.0	85.0
						Mean =		99.0	71.3	1.08	99.0	63.3
9 TRIFLUDIMOXAZIN	4.17	SC	2.06 oz/a	PRE	A	109		99.0	95.0	0.24	99.0	70.0
						210		99.0	95.0	0.42	99.0	80.0
						303		99.0	99.0	0.34	99.0	85.0
						Mean =		99.0	96.3	0.33	99.0	78.3
10 VALOR EZ	4	SC	3.0 oz/a	PRE	A	110		99.0	95.0	0.13	99.0	65.0
						209		99.0	99.0	0.92	99.0	80.0
						302		99.0	95.0	0.32	99.0	85.0
						Mean =		99.0	96.3	0.46	99.0	76.7
11 STRONGARM	84	WG	0.45 oz/a	PRE	A	111		99.0	95.0	0.01	65.0	75.0
						203		99.0	95.0	0.04	65.0	65.0
						305		99.0	95.0	0.03	15.0	60.0
						Mean =		99.0	95.0	0.03	48.3	66.7
12 NTC						112		0.0	0.0	1.95	0.0	0.0
						207		0.0	0.0	0.34	0.0	0.0
						306		0.0	0.0	0.87	0.0	0.0
						Mean =		0.0	0.0	1.05	0.0	0.0

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BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN) APPLIED TO BARE-GROUND									
Trial ID:		BG-01-20		Study Dir.:					
Location:		PONDER		Investigator: Eric P. Prostko					
Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date Trt-Eval Interval PRM Data Type # Subsamples, Dec.								Total Weed - Cover Percent May-15-20 45 DA-A	
Trt	Treatment	Form	Form	Rate	Grow	Appl			
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	11
1	NTC						101		60.0
							211		50.0
							310		50.0
							Mean =		53.3
2	BRAKE	1.2	SL	10.0	oz/a	PRE	A	102	10.0
							206		10.0
							311		25.0
							Mean =		15.0
3	BRAKE	1.2	SL	12.0	oz/a	PRE	A	103	5.0
							204		10.0
							309		10.0
							Mean =		8.3
4	BRAKE	1.2	SL	14.0	oz/a	PRE	A	104	5.0
							202		10.0
							308		5.0
							Mean =		6.7
5	BRAKE	1.2	SL	16.0	oz/a	PRE	A	105	5.0
							208		10.0
							307		5.0
							Mean =		6.7
6	BRAKE	1.2	SL	32.0	oz/a	PRE	A	106	5.0
							212		10.0
							301		15.0
							Mean =		10.0
7	TRIFLUDIMOXAZIN	4.17	SC	0.685	oz/a	PRE	A	107	20.0
							205		30.0
							312		30.0
							Mean =		26.7
8	TRIFLUDIMOXAZIN	4.17	SC	1.03	oz/a	PRE	A	108	15.0
							201		30.0
							304		15.0
							Mean =		20.0
9	TRIFLUDIMOXAZIN	4.17	SC	2.06	oz/a	PRE	A	109	10.0
							210		15.0
							303		20.0
							Mean =		15.0
10	VALOR EZ	4	SC	3.0	oz/a	PRE	A	110	15.0
							209		20.0
							302		10.0
							Mean =		15.0
11	STRONGARM	84	WG	0.45	oz/a	PRE	A	111	10.0
							203		15.0
							305		20.0
							Mean =		15.0
12	NTC						112		50.0
							207		50.0
							306		50.0
							Mean =		50.0

University of Georgia

BRAKE (FLURIDONE) AND VULCARUS (TRIFLUDIMOXAZIN)

APPLIED TO BARE-GROUND

Trial ID: BG-01-20

Study Dir.:

Location: PONDER

Investigator: Eric P. Prostko

Weed Code

PANTE = PANICUM, TEXAS / PANICUM TEXANUM BUCKL.

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.

Part Rated

Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)

PRM Data Type

T1 = [2]+[3]+[4]