

University of Georgia

WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE YEAR 2											
Trial ID:		GS-03-22		Study Dir.:		Eric P. Prostko					
Location:		PONDER FARM		Investigator:							

Reps: 4

Plots: 6 by 25 feet

Appl. Amount: 15 GAL/AC

Mix Size: 1.5 L (total for 4 plots; minimum=0.782 L)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC								-	101	203	301	402
2	IMIFLEX	1 AS		6.0 oz/a		EPOST A		4.687 mL/mx	1455.3 mL	102	201	302	403
	AATREX	4 L		32.0 oz/a		EPOST A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v		EPOST A		15.0 mL/mx					
3	CADRE	2 AS		4.0 oz/a		EPOST A		3.125 mL/mx	1456.9 mL	103	202	303	401
	AATREX	4 L		32.0 oz/a		EPOST A		25.0 mL/mx					
	AGRIDEX			1.0 % v/v		EPOST A		15.0 mL/mx					

Sort Order: Treatment

Trial Comments

HEADLINE @ 9 OZ/A - 06/10/22

SIVANTO @ 10 OZ/A + PRIAXOR @ 8 OZ/A - 06/29/22

SUMMARY:

1) SORGHUM INJURY WAS < 10%.

2) AT 77 DAT, PALMER AMARANTH CONTROL WAS EXCELLENT (98%+) WITH EPOST APPLIED IMIFLEX + ATRAZINE OR CADRE + ATRAZINE.

3) AT 77 DAT, ANNUAL GRASS CONTROL WAS BETTER WITH CADRE + ATRAZINE VS. IMIFLEX + ATRAZINE (93% VS. 65%).

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE

YEAR 2

Trial ID: GS-03-22 Study Dir.:
 Location: PONDER FARM 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. AMAPA PALMER AMAMRANTH 2. AGRASS TX PAN/GOOSE/CRAB/CROW

Crop 1: SORBI SORGHUM Variety: ADVG-3189IG Planting Date: May-2-22
 Planting Method: MONOSEM VACUUM Rate: 87120 SEED/A Depth: 1 IN
 Perennial Age: _____ Row Spacing: 36 IN Seed Bed: _____
 Soil Temperature: _____ Soil Moisture: OPTIMUM Emergence Date: _____

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

Site Type: _____

Tillage Type: CONVENTIONAL

Study Design: RACOB

Trial Initiation Comments: 300 LBS/A 5-15-30 PREPLANT; 1.5 TONS/A LIME
 PREPLANT; 131-0-0-16 SIDEDRESS

Previous: Crops Pesticides Year
 1. SOYBEAN _____ 2021

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND % OM: 0.78 % Sand: 94 % Silt: 4 % Clay: 2
 pH: 6.0 CEC: 3.3 Soil Name: TIFTON Fertility Level: GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. May-3-22	_____	0.6	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. May-5-22	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
3. May-6-22	_____	0.45	IN	RAINFALL	_____	_____
4. May-12-22	_____	0.4	IN	SPRINKLER - LATERAL MOVE	_____	_____
5. May-23-22	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
6. May-24-22	4 PM	1.8	IN	RAINFALL	_____	_____

Overall Moisture Conditions: _____

Closest Weather Station: _____ Distance: _____ Unit: _____

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE

YEAR 2

Trial ID: GS-03-22 Study Dir.:
Location: PONDER FARM Investigator: Eric P. Prostko

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-16-22					
Time of Day:	6:45 AM					
Application Method:	BROADCAST					
Application Timing:	EPOST					
Applic. Placement:	FOLIAGE					
Air Temp., Unit:	67 F					
% Relative Humidity:	90					
Wind Velocity, Unit:	1 MPH					
Dew Presence (Y/N):	Y					
Water Hardness:	--					
Soil Temp., Unit:	72 F					
Soil Moisture:	DRY					
% Cloud Cover:	0					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage: SORBI						
Stage Scale:	V3					
Height, Unit:	4 IN					

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage: AMAPA 1-2"						
Stage Scale:						
Density, Unit:						
Weed 2 Stage: AGRASS 1"						
Stage Scale:						
Density, Unit:						

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	BACKPACK					
Operating Pressure:	36					
Nozzle Type:	AIXR					
Nozzle Size:	11002					
Nozzle Spacing, Unit:	20 IN					
Nozzles/Row:						
Band Width, Unit:						
Boom Length, Unit:	60 IN					
Boom Height, Unit:	20 IN					
Ground Speed, Unit:	3.5 MPH					
Incorporation Equip.:						
Hours to Incorp.:						
Incorp. Depth, Unit:						
Carrier:	WATER					
Spray Volume, Unit:	15 GPA					
Spray pH:						
Propellant:	CO2					
Tank Mix (Y/N):						

Trt No	Treatment Application Comment

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE YEAR 2														
Trial ID:		GS-03-22		Study Dir.:										
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code						-----	-----	Amapa	Agrass	-----	Amapa	Agrass		
Crop Code						Sorbi	Sorbi	-----	-----	Sorbi	-----	-----		
Part Rated						Plant, -	Leaf, -			-, S				
Rating Data Type						Stunting	Chlorosi	Control	Control	Stunting	Control	Control		
Rating Unit						%	%	%	%	%	%	%		
Rating Date						May-23-22	May-23-22	May-23-22	May-23-22	Jun-1-22	Jun-1-22	Jun-1-22		
Trt-Eval Interval						7 DA-A	7 DA-A	7 DA-A	7 DA-A	16 DA-A	16 DA-A	16 DA-A		
Trt	Treatment	Form	Form	Rate	Grow	Appl	1	2	3	4	5	6	7	
No.	Name	Conc	Type	Rate	Unit	Stg	Code							
1	NTC							0.0 b	0.0 b	0.0 b	0.0 a	0.0 b	0.0 c	
2	IMIFLEX	1 AS		6.0 oz/a	EPOST A			5.0 ab	13.8 a	100.0 a	58.8 a	0.0 a	100.0 a	81.3 b
	AATREX	4 L		32.0 oz/a	EPOST A									
	AGRIDEX			1.0 % v/v	EPOST A									
3	CADRE	2 AS		4.0 oz/a	EPOST A			7.5 a	17.5 a	100.0 a	62.5 a	0.0 a	100.0 a	93.8 a
	AATREX	4 L		32.0 oz/a	EPOST A									
	AGRIDEX			1.0 % v/v	EPOST A									
LSD P=.10						5.12	4.72	.	8.34	.	.	.	9.23	
Standard Deviation						3.73	3.44	0.00	6.07	0.00	0.00	0.00	6.72	
CV						89.44	32.98	0.0	15.01	0.0	0.0	0.0	11.52	
Grand Mean						4.17	10.42	66.67	40.42	0.00	66.67	58.33		
Bartlett's X2^						0.085	1.569	.	0.382	.	.	.	1.654	
P(Bartlett's X2)						0.958	0.456	.	0.826	.	.	.	0.437	

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 3,5,6,8 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE										
YEAR 2										
Trial ID:		GS-03-22		Study Dir.:		Eric P. Prostko				
Location:		PONDER FARM		Investigator:						
Weed Code			Amapa		Agrass		Amapa		Agrass	
Crop Code			-----		-----		-----		-----	
Part Rated			Control		Control		Control		Control	
Rating Data Type			%		%		%		%	
Rating Unit			Jun-13-22		Jun-13-22		Jun-28-22		Jun-28-22	
Rating Date			28 DA-A		28 DA-A		43 DA-A		43 DA-A	
Trt-Eval Interval										
Trt	Treatment	Form	Form	Rate	Grow	Appl	8	9	10	11
No.	Name	Conc	Type	Rate	Unit	Stg	Code			
1	NTC							0.0 b	0.0 c	0.0 b
2	IMIFLEX	1 AS		6.0 oz/a	EPOST A			100.0 a	92.5 b	98.0 a
	AATREX	4 L		32.0 oz/a	EPOST A					
	AGRIDEX			1.0 % v/v	EPOST A					
3	CADRE	2 AS		4.0 oz/a	EPOST A			100.0 a	100.0 a	97.3 a
	AATREX	4 L		32.0 oz/a	EPOST A					
	AGRIDEX			1.0 % v/v	EPOST A					
LSD P=.10										
Standard Deviation										
CV										
Grand Mean										
Bartlett's X2^										
P(Bartlett's X2)										

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 3,5,6,8 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE YEAR 2										
Trial ID:		GS-03-22		Study Dir.:		Eric P. Prostko				
Location:		PONDER FARM		Investigator:						
Weed Code						-----	-----	-----	Amapa	Agrass
Crop Code						Sorbi	Sorbi	Sorbi	-----	
Part Rated						Plant, -	Plant, -	Plant, -		
Rating Data Type						Ht4	Ht5	AVG-HGT	Control	Control
Rating Unit						In	In	In	%	%
Rating Date						Jun-29-22	Jun-29-22	Jun-29-22	Aug-1-22	Aug-1-22
Trt-Eval Interval						44 DA-A	44 DA-A	44 DA-A	77 DA-A	77 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	15	16	17	18
1	NTC						29.5 b	27.25 b	28.3 b	0.0 b
2	IMIFLEX	1 AS		6.0 oz/a	EPOST A		41.3 a	41.25 a	39.9 a	98.8 a
	AATREX	4 L		32.0 oz/a	EPOST A					65.0 b
	AGRIDEX			1.0 % v/v	EPOST A					
3	CADRE	2 AS		4.0 oz/a	EPOST A		41.3 a	42.00 a	40.6 a	98.5 a
	AATREX	4 L		32.0 oz/a	EPOST A					92.5 a
	AGRIDEX			1.0 % v/v	EPOST A					
LSD P=.10						3.26	3.198	2.93	1.96	3.97
Standard Deviation						2.37	2.327	2.13	1.42	2.89
CV						6.36	6.32	5.89	2.17	5.5
Grand Mean						37.33	36.833	36.26	65.75	52.50
Bartlett's X2^						0.269	6.015	0.335	1.629	1.811
P(Bartlett's X2)						0.874	0.049*	0.846	0.443	0.404

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 3,5,6,8 because error mean square = 0.

^Calculated from residual.

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE YEAR 2					
Trial ID:	GS-03-22	Study Dir.:			
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For ----- Sorbi Plant Stunting % May-23-22 7 DA-A (Data Column 1)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	291.666667			
Replicate	3	91.666667	30.555556	2.200	0.1889
Treatment	2	116.666667	58.333333	4.200	0.0723
Error	6	83.333333	13.888889		
Randomized Complete Block (RCB) AOV For ----- Sorbi Leaf Chlorosi % May-23-22 7 DA-A (Data Column 2)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	772.916667			
Replicate	3	22.916667	7.638889	0.647	0.6128
Treatment	2	679.166667	339.583333	28.765	0.0008
Error	6	70.833333	11.805556		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % May-23-22 7 DA-A (Data Column 3)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	26666.666667			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	2	26666.666667	13333.333333	0.000	1.0000
Error	6	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % May-23-22 7 DA-A (Data Column 4)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	10222.916667			
Replicate	3	172.916667	57.638889	1.566	0.2925
Treatment	2	9829.166667	4914.583333	133.528	0.0001
Error	6	220.833333	36.805556		
Randomized Complete Block (RCB) AOV For ----- Sorbi S Stunting % Jun-1-22 16 DA-A (Data Column 5)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	0.000000000000			
Replicate	3	0.000000000000	0.000000000000	0.000	1.0000
Treatment	2	0.000000000000	0.000000000000	0.000	1.0000
Error	6	0.000000000000	0.000000000000		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-1-22 16 DA-A (Data Column 6)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	26666.666667			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	2	26666.666667	13333.333333	0.000	1.0000
Error	6	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-1-22 16 DA-A (Data Column 7)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	21116.666667			
Replicate	3	116.666667	38.888889	0.862	0.5103
Treatment	2	20729.166667	10364.583333	229.615	0.0001
Error	6	270.833333	45.138889		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-13-22 28 DA-A (Data Column 8)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	26666.666667			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	2	26666.666667	13333.333333	0.000	1.0000
Error	6	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-13-22 28 DA-A (Data Column 9)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	24841.666667			
Replicate	3	8.333333	2.777778	1.000	0.4547
Treatment	2	24816.666667	12408.333333	4467.000	0.0001
Error	6	16.666667	2.777778		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-28-22 43 DA-A (Data Column 10)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	25440.916667			
Replicate	3	3.583333	1.194444	0.339	0.7987
Treatment	2	25416.166667	12708.083333	3602.292	0.0001
Error	6	21.166667	3.527778		

WEED CONTROL IN IGROW WITH SORGHUM WITH IMIFLEX AND CADRE						
YEAR 2						
Trial ID:	GS-03-22		Study Dir.:			
Location:	PONDER FARM		Investigator: Eric P. Prostko			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-28-22 43 DA-A (Data Column 11)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	21712.916667				
Replicate	3	98.250000	32.750000	2.411	0.1653	
Treatment	2	21533.166667	10766.583333	792.632	0.0001	
Error	6	81.500000	13.583333			
Randomized Complete Block (RCB) AOV For ---- Sorbi Plant Ht1 In Jun-29-22 44 DA-A (Data Column 12)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	383.229167				
Replicate	3	15.729167	5.243056	0.401	0.7577	
Treatment	2	289.041667	144.520833	11.052	0.0097	
Error	6	78.458333	13.076389			
Randomized Complete Block (RCB) AOV For ----- Sorbi Plant Ht2 In Jun-29-22 44 DA-A (Data Column 13)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	470.729167				
Replicate	3	10.229167	3.409722	0.207	0.8878	
Treatment	2	361.791667	180.895833	10.996	0.0098	
Error	6	98.708333	16.451389			
Randomized Complete Block (RCB) AOV For ----- Sorbi Plant Ht3 In Jun-29-22 44 DA-A (Data Column 14)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	476.562500				
Replicate	3	47.562500	15.854167	1.389	0.3341	
Treatment	2	360.500000	180.250000	15.788	0.0041	
Error	6	68.500000	11.416667			
Randomized Complete Block (RCB) AOV For ----- Sorbi Plant Ht4 In Jun-29-22 44 DA-A (Data Column 15)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	406.666667				
Replicate	3	4.666667	1.555556	0.276	0.8411	
Treatment	2	368.166667	184.083333	32.645	0.0006	
Error	6	33.833333	5.638889			
Randomized Complete Block (RCB) AOV For ----- Sorbi Plant Ht5 In Jun-29-22 44 DA-A (Data Column 16)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	616.166667				
Replicate	3	31.500000	10.500000	1.938	0.2247	
Treatment	2	552.166667	276.083333	50.969	0.0002	
Error	6	32.500000	5.416667			
Randomized Complete Block (RCB) AOV For ----- Sorbi Plant AVG-HGT In Jun-29-22 44 DA-A (Data Column 17)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	421.089167				
Replicate	3	12.962500	4.320833	0.948	0.4745	
Treatment	2	380.791667	190.395833	41.792	0.0003	
Error	6	27.335000	4.555833			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Aug-1-22 77 DA-A (Data Column 18)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	25974.250000				
Replicate	3	23.583333	7.861111	3.877	0.0743	
Treatment	2	25938.500000	12969.250000	6395.795	0.0001	
Error	6	12.166667	2.027778			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Aug-1-22 77 DA-A (Data Column 19)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	11	18125.000000				
Replicate	3	25.000000	8.333333	1.000	0.4547	
Treatment	2	18050.000000	9025.000000	1083.000	0.0001	
Error	6	50.000000	8.333333			
Weed Code						
Amapa = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.						
Part Rated						
Plant = PLANT / PLANT BIOMASS (includes Shrub, Tree, Turf)						
Leaf = LEAF / FOLIAGE						
PRM Data Type						
T1 = ([12]+[13]+[14]+[15]+[16])/5						

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Location:		PONDER FARM			Investigator:		Eric P. Prostko					
Weed Code							-----	-----	Amapa	Agrass	-----	Amapa
Crop Code							Sorbi	Sorbi	-----	-----	Sorbi	-----
Part Rated							Plant, -	Leaf, -			-, S	
Rating Data Type							Stunting	Chlorosi	Control	Control	Stunting	Control
Rating Unit							%	%	%	%	%	%
Rating Date							May-23-22	May-23-22	May-23-22	May-23-22	Jun-1-22	Jun-1-22
Trt-Eval Interval							7 DA-A	7 DA-A	7 DA-A	7 DA-A	16 DA-A	16 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
								1	2	3	4	5
								6				
1	NTC						101	0.0	0.0	0.0	0.0	0.0
							203	0.0	0.0	0.0	0.0	0.0
							301	0.0	0.0	0.0	0.0	0.0
							402	0.0	0.0	0.0	0.0	0.0
							Mean =	0.0	0.0	0.0	0.0	0.0
2	IMIFLEX	1 AS		6.0 oz/a	EPOST A	102	0.0	10.0	100.0	60.0	0.0	100.0
	AATREX	4 L		32.0 oz/a	EPOST A	201	10.0	10.0	100.0	65.0	0.0	100.0
	AGRIDEX			1.0 % v/v	EPOST A	302	10.0	20.0	100.0	60.0	0.0	100.0
						403	0.0	15.0	100.0	50.0	0.0	100.0
						Mean =	5.0	13.8	100.0	58.8	0.0	100.0
3	CADRE	2 AS		4.0 oz/a	EPOST A	103	0.0	15.0	100.0	70.0	0.0	100.0
	AATREX	4 L		32.0 oz/a	EPOST A	202	10.0	20.0	100.0	70.0	0.0	100.0
	AGRIDEX			1.0 % v/v	EPOST A	303	10.0	15.0	100.0	50.0	0.0	100.0
						401	10.0	20.0	100.0	60.0	0.0	100.0
						Mean =	7.5	17.5	100.0	62.5	0.0	100.0

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Trial ID:		GS-03-22		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							Agrass	Amapa	Agrass	Amapa	Agrass	----
Crop Code							-----	-----	-----	-----	-----	Sorbi
Part Rated												Plant, -
Rating Data Type							Control	Control	Control	Control	Control	Ht1
Rating Unit							%	%	%	%	%	In
Rating Date							Jun-1-22	Jun-13-22	Jun-13-22	Jun-28-22	Jun-28-22	Jun-29-22
Trt-Eval Interval							16 DA-A	28 DA-A	28 DA-A	43 DA-A	43 DA-A	44 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot				
								7	8	9	10	
											11	
											12	
1	NTC						101	0.0	0.0	0.0	0.0	31.00
							203	0.0	0.0	0.0	0.0	30.00
							301	0.0	0.0	0.0	0.0	23.50
							402	0.0	0.0	0.0	0.0	33.00
							Mean =	0.0	0.0	0.0	0.0	29.38
2	IMIFLEX	1 AS	6.0 oz/a	EPOST A			102	85.0	100.0	90.0	99.0	40.00
	AATREX	4 L	32.0 oz/a	EPOST A			201	90.0	100.0	95.0	99.0	39.00
	AGRIDEX		1.0 % v/v	EPOST A			302	85.0	100.0	95.0	95.0	37.00
							403	65.0	100.0	90.0	99.0	41.00
							Mean =	81.3	100.0	92.5	98.0	39.25
3	CADRE	2 AS	4.0 oz/a	EPOST A			103	95.0	100.0	100.0	95.0	39.00
	AATREX	4 L	32.0 oz/a	EPOST A			202	95.0	100.0	100.0	99.0	37.00
	AGRIDEX		1.0 % v/v	EPOST A			303	90.0	100.0	100.0	99.0	45.00
							401	95.0	100.0	100.0	96.0	40.00
							Mean =	93.8	100.0	100.0	97.3	40.25

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE												
YEAR 2												
Trial ID:		GS-03-22		Study Dir.:								
Location:		PONDER FARM		Investigator:		Eric P. Prostko						
Weed Code							-----	-----	-----	-----	-----	Amapa
Crop Code							Sorbi	Sorbi	Sorbi	Sorbi	Sorbi	-----
Part Rated							Plant, -	Plant, -	Plant, -	Plant, -	Plant, -	
Rating Data Type							Ht2	Ht3	Ht4	Ht5	AVG-HGT	Control
Rating Unit							In	In	In	In	In	%
Rating Date							Jun-29-22	Jun-29-22	Jun-29-22	Jun-29-22	Jun-29-22	Aug-1-22
Trt-Eval Interval							44 DA-A	44 DA-A	44 DA-A	44 DA-A	44 DA-A	77 DA-A
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	
									16	17	18	
1	NTC						101		30.00	25.00	30.0	
							203		31.00	30.50	31.0	
							301		27.00	24.00	30.0	
							402		24.00	30.00	27.0	
							Mean =		28.00	27.38	27.8	
										25.00	27.0	
										27.25	27.8	
										28.3	0.0	
2	IMIFLEX	1 AS		6.0 oz/a	EPOST A		102		37.50	37.00	40.0	
	AATREX	4 L		32.0 oz/a	EPOST A		201		34.00	36.50	39.0	
	AGRIDEX			1.0 % v/v	EPOST A		302		38.50	39.00	42.0	
							403		45.00	44.00	44.0	
							Mean =		38.75	39.13	41.3	
										41.25	45.00	
										39.9	43.8	
										39.9	100.0	
										98.8	100.0	
3	CADRE	2 AS		4.0 oz/a	EPOST A		103		39.00	41.00	44.0	
	AATREX	4 L		32.0 oz/a	EPOST A		202		38.00	33.00	39.0	
	AGRIDEX			1.0 % v/v	EPOST A		303		43.00	40.00	40.0	
							401		41.50	41.50	42.0	
							Mean =		40.38	38.88	41.3	
										42.00	44.00	
										42.00	41.4	
										40.6	98.5	

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE						
YEAR 2						
Trial ID:	GS-03-22	Study Dir.:				
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Weed Code						Agrass
Crop Code						-----
Part Rated						
Rating Data Type						Control
Rating Unit						%
Rating Date						Aug-1-22
Trt-Eval Interval						77 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Grow Stg	Appl Code Plot
						19
1	NTC					101
						203
						301
						402
						Mean =
						0.0
2	IMIFLEX	1 AS		6.0 oz/a	EPOST A	102
	AATREX	4 L		32.0 oz/a	EPOST A	201
	AGRIDEX			1.0 % v/v	EPOST A	302
						403
						Mean =
						65.0
3	CADRE	2 AS		4.0 oz/a	EPOST A	103
	AATREX	4 L		32.0 oz/a	EPOST A	202
	AGRIDEX			1.0 % v/v	EPOST A	303
						401
						Mean =
						92.5

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WEED CONTROL IN IGROWTH SORGHUM WITH IMIFLEX AND CADRE
YEAR 2

Trial ID: GS-03-22 Study Dir.:
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

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

Part Rated

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

Leaf = LEAF / FOLIAGE

PRM Data Type

T1 = ([12]+[13]+[14]+[15]+[16])/5