

University of Georgia

HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM			
Trial ID:	GS-04-21	Study Dir.:	KEITH RUCKER
Location:	PONDER FARM	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 Rate Unit	Grow Stg	Appl Code	Appl. Amount	Amt Product to Measure	Diluent	Rep 1	2	3	4
1	NTC								-	101	203	312	404
2	DUAL II MAGNUM ATRAZINE	7.64 4 L	EC	21.0 oz/a 32.0 oz/a	PRE PRE	A A	15 GPA 15 GPA	16.41 mL/mx 25.0 mL/mx	1458.6 mL	102	201	303	407
3	WARRANT ATRAZINE	3 4 L	CS	48.0 oz/a 32.0 oz/a	PRE PRE	A A	15 GPA 15 GPA	37.5 mL/mx 25.0 mL/mx	1437.5 mL	103	212	307	403
4	MON 301668 ATRAZINE	4.61 4 L	CS	30.0 oz/a 32.0 oz/a	PRE PRE	A A	15 GPA 15 GPA	23.44 mL/mx 25.0 mL/mx	1451.6 mL	104	208	309	411
5	DUAL II MAGNUM ATRAZINE AGRIDEX	7.64 4 L	EC	21.0 oz/a 32.0 oz/a 1.0 % v/v	EPOST EPOST EPOST	B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC	16.41 mL/mx 25.0 mL/mx 15.0 mL/mx	1443.6 mL	105	211	306	410
6	WARRANT ATRAZINE AGRIDEX	3 4 L	CS	48.0 oz/a 32.0 oz/a 1.0 % v/v	EPOST EPOST EPOST	B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC	37.5 mL/mx 25.0 mL/mx 15.0 mL/mx	1422.5 mL	106	207	305	412
7	MON 301668 ATRAZINE AGRIDEX	4.61 4 L	CS	30.0 oz/a 32.0 oz/a 1.0 % v/v	EPOST EPOST EPOST	B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC	23.44 mL/mx 25.0 mL/mx 15.0 mL/mx	1436.6 mL	107	210	311	401
8	WARRANT ATRAZINE HUSKIE INDUCE N-PAK AMS	3 4 L 2.06	CS EC	48.0 oz/a 16.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC	37.5 mL/mx 12.5 mL/mx 12.5 mL/mx 3.75 mL/mx 74.99 mL/mx	1358.8 mL	108	202	308	402
9	MON 301668 ATRAZINE HUSKIE INDUCE N-PAK AMS	4.61 4 L 2.06	CS EC	30.0 oz/a 16.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC	23.44 mL/mx 12.5 mL/mx 12.5 mL/mx 3.75 mL/mx 74.99 mL/mx	1372.8 mL	109	205	301	405
10	HUSKIE FX ATRAZINE INDUCE N-PAK AMS	2.3 4 L	EC	18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC	14.06 mL/mx 12.5 mL/mx 3.75 mL/mx 74.99 mL/mx	1394.7 mL	110	206	302	409
11	WARRANT HUSKIE FX ATRAZINE INDUCE N-PAK AMS	3 2.3 4 L	CS EC	48.0 oz/a 18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC	37.5 mL/mx 14.06 mL/mx 12.5 mL/mx 3.75 mL/mx 74.99 mL/mx	1357.2 mL	111	204	310	408
12	MON 301668 HUSKIE FX ATRAZINE INDUCE N-PAK AMS	4.61 2.3 4 L	CS EC	30.0 oz/a 18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC	23.44 mL/mx 14.06 mL/mx 12.5 mL/mx 3.75 mL/mx 74.99 mL/mx	1371.3 mL	112	209	304	406

Sort Order: Treatment

Trial Comments
HUSKIE FX = BROMOXYNIL (1.44 LBS/GAL) + PYRASULFOTOLE (0.26 LBS/GAL) + FLUROXYPYR (0.6 LBS/GAL)
SUMMARY:
1) PRE APPLICATIONS OF MON 301668 WERE SLIGHTLY MORE INJURIOUS THAN WARRANT.
2) ALL EPOST APPLICATIONS OF HUSKIE CAUSED TEMPORARY SORGHUM INJURY IN THE FORM OF STUNTING/NECROSIS/BLEACHING.
3) WHEN TANK-MIXED WITH HUSKIE OR HUSKIE FX, MON 301668 WAS SLIGHTLY MORE INJURIOUS THAN WARRANT IN SOME COMPARISONS.

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM

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Location:	PONDER FARM	Investigator:	Eric P. Prostko

3) GENERALLY, ALL TREATMENTS PROVIDED EXCELLENT CONTROL (>90%) OF PALMER AMARANTH AND FLORIDA BEGGARWEED.

4) ANNUAL GRASS CONTROL WAS VARIABLE DUE TO VARIABLE POPULATION.

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Trial ID: GS-04-21 Study Dir.: KEITH RUCKER
 Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: KEITH RUCKER **Title:** _____
Affiliation: _____
Postal Code: _____

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

TRIAL LOCATION

City: _____ **Trial Status:** E
State/Prov.: _____ **Trial Reliability:** _____
Postal Code: _____ **Initiation Date:** _____
Country: _____ **Planned Completion Date:** _____
E-Longitude of LL Corner °: _____ **N-Latitude of LL Corner °:** _____
Altitude of LL Corner: _____ **Unit:** _____ **Angle y-axis to North °:** _____
Directions: _____

COOPERATOR/LANDOWNER

Cooperator: _____ **Country:** _____
Org: _____ **Phone No:** _____
Address 1: _____ **Fax No:** _____
Address 2: _____
City: _____
State/Prov: _____
Postal Code: _____

Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N
Guidelines: _____ **Guideline Description:** _____

Objective:

Conclusions:

CROP AND WEED DESCRIPTION

Weed	Code	Common Name	Scientific Name
1.	AMAPA	PA	LMER AMARANTH
2.	RAPRA	WI	LD RADISH
3.	AGRASS	TX	PAN/CRAB/GOOSE/CROWFOOT
4.			

Crop 1: SORBI SORGHUM **Variety:** DKS-4076
Planting Date: May-19-21 **Planting Method:** MONOSEM VACUUM
Rate: 70000 S/A **Depth:** 1 IN **Perennial Age:** _____
Row Spacing: _____ **Spacing Within Row:** 36 IN **Seed Bed:** _____
Soil Temperature: _____ **Soil Moisture:** OPTIMUM **Emergence Date:** _____

SITE AND DESIGN

Plot Width, Unit: 6 FT **Plot Length, Unit:** 25 FT **Reps:** 4
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL

Trial Initiation Comments:

	Previous Crops	Previous Pesticides	Year
1.	PEANUT		2020

MAINTENANCE

Field Prep./Maintenance: 300 LBS/A 5-15-30 PREPLANT
 CONCEP TREATED SEED
 127 LBS/A NITROGEN (JUNE 15) - 46 GPA OF 24-0-0-3

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

SOIL DESCRIPTION

% Sand: 94 % OM: 0.61 Texture: SAND
 % Silt: 2 pH: 6.0 Soil Name: TIFTON
 % Clay: 4 CEC: 2.2 Fert. Level: GOOD

ADDITIONAL MEASURED ELEMENTS

Element	Quantity	Unit

MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	May-19-21		0.6	IN	SPRINKLER - LATERAL MOVE		
2.	May-21-21		0.5	IN	SPRINKLER - LATERAL MOVE		
3.	May-24-21		0.5	IN	SPRINKLER - LATERAL MOVE		
4.	Jun-1-21		0.5	IN	SPRINKLER - LATERAL MOVE		
5.	Jun-4-21		0.6	IN	RAINFALL		
6.	Jun-6-21		0.4	IN	RAINFALL		
7.	Jun-7-21		1.25	IN	RAINFALL		
8.	Jun-8-21		0.15	IN	RAINFALL		
9.	Jun-11-21		0.3	IN	RAINFALL		
10.	Jun-15-21		1.0	IN	RAINFALL		
11.	Jun-18-21		0.5	IN	RAINFALL		
12.	Jun-20-21		1.0	IN	RAINFALL		
13.	Jun-21-21		2.4	IN	RAINFALL		

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

APPLICATION DESCRIPTION

	A	B
Application Date:	May-21-21	Jun-7-21
Time of Day:	6:45 AM	7:20 AM
Application Method:	BROADCAST	BROADCAST
Application Timing:	PRE	EPOST
Applic. Placement:	SOIL	FOLIAGE
Air Temp., Unit:	63 F	72 F
% Relative Humidity:	91	94
Wind Velocity, Unit:	0 MPH	3 MPH
Dew Presence (Y/N):		Y
Water Hardness:	--	--
Soil Temp., Unit:	66 F	74 F
Soil Moisture:	OPTIMUM	WET
% Cloud Cover:	0	90

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	SORBI,	SORBI,
Stage Scale:		V5-V6
Height, Unit:	,	10, IN

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WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	AMAPA,	AMAPA,
Stage Scale:		1-6"
Density, Unit:		
Weed 2 Code, Stage:	RAPRA,	RAPRA,
Stage Scale:		
Density, Unit:		
Weed 3 Code, Stage:	AGRAS,	AGRAS,
Stage Scale:		2-3"
Density, Unit:		
Weed 4 Code, Stage:	,	,
Stage Scale:		
Density, Unit:		

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	SAME AS A
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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Trial ID: GS-04-21		Study Dir.: KEITH RUCKER												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- Sorbi	Amapa -----	----- Sorbi	Amapa -----	Dedto -----	Iaqlta -----	Agrass -----		
						Stunt %	Control %	Stunt %	Control %	Control %	Control %	Control %		
						Jun-1-21	Jun-1-21	Jun-7-21	Jun-7-21	Jun-7-21	Jun-7-21	Jun-7-21		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code	1	2	3	4	5	6	7
1	NTC							0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
2	DUAL II MAGNUM ATRAZINE	7.64 4 L	EC	21.0 oz/a 32.0 oz/a		PRE PRE	A A	3.8 b	99.0 a	0.0 c	99.0 a	86.0 a	89.5 a	88.5 ab
3	WARRANT ATRAZINE	3 4 L	CS	48.0 oz/a 32.0 oz/a		PRE PRE	A A	3.8 b	99.0 a	3.8 b	99.0 a	89.5 a	86.0 a	82.0 b
4	MON 301668 ATRAZINE	4.61 4 L	CS	30.0 oz/a 32.0 oz/a		PRE PRE	A A	7.5 a	99.0 a	6.3 a	99.0 a	90.0 a	90.0 a	94.5 a
5	DUAL II MAGNUM ATRAZINE AGRIDEX	7.64 4 L	EC	21.0 oz/a 32.0 oz/a 1.0 % v/v		EPOST EPOST EPOST	B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
6	WARRANT ATRAZINE AGRIDEX	3 4 L	CS	48.0 oz/a 32.0 oz/a 1.0 % v/v		EPOST EPOST EPOST	B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
7	MON 301668 ATRAZINE AGRIDEX	4.61 4 L	CS	30.0 oz/a 32.0 oz/a 1.0 % v/v		EPOST EPOST EPOST	B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
8	WARRANT ATRAZINE HUSKIE INDUCE N-PAK AMS	3 4 L 2.06	CS EC	48.0 oz/a 16.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v		EPOST EPOST EPOST EPOST EPOST	B B B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
9	MON 301668 ATRAZINE HUSKIE INDUCE N-PAK AMS	4.61 4 L 2.06	CS EC	30.0 oz/a 16.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v		EPOST EPOST EPOST EPOST EPOST	B B B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
10	HUSKIE FX ATRAZINE INDUCE N-PAK AMS	2.3 4 L	EC	18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v		EPOST EPOST EPOST EPOST	B B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
11	WARRANT HUSKIE FX ATRAZINE INDUCE N-PAK AMS	3 2.3 4 L	CS EC	48.0 oz/a 18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v		EPOST EPOST EPOST EPOST EPOST	B B B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
12	MON 301668 HUSKIE FX ATRAZINE INDUCE N-PAK AMS	4.61 2.3 4 L	CS EC	30.0 oz/a 18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v		EPOST EPOST EPOST EPOST EPOST	B B B B B	0.0 c	0.0 b	0.0 c	0.0 b	0.0 b	0.0 b	0.0 c
LSD P=.10								1.59	.	2.41	.	6.57	7.82	9.20
Standard Deviation								1.33	0.00	2.01	0.00	5.49	6.53	7.69
CV								106.36	0.0	241.21	0.0	24.82	29.52	34.83
Grand Mean								1.25	24.75	0.83	24.75	22.13	22.13	22.08
Bartlett's X2^								52.989	.	84.768	.	31.386	38.676	68.471
P(Bartlett's X2)								0.00*	.	0.00*	.	0.001*	0.00*	0.00*

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 2,4,11,12,14 because error mean square = 0.
 ^Calculated from residual.

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Location: PONDER FARM		Investigator: Eric P. Prostko										
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- Sorbi	----- Sorbi	----- Sorbi	Amapa -----	Dedto -----	Agrass -----	
						Stunt %	Necrosis %	Bleaching %	Control %	Control %	Control %	
						Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	8	9	10	11	12	13
1	NTC						0.0 d	0.0 d	0.0 d	0.0 b	0.0 b	0.0 a
2	DUAL II MAGNUM ATRAZINE	7.64 4 L	EC	21.0 oz/a 32.0 oz/a	PRE PRE	A A	2.5 cd	0.0 d	0.0 d	99.0 a	99.0 a	62.0 a
3	WARRANT ATRAZINE	3 4 L	CS	48.0 oz/a 32.0 oz/a	PRE PRE	A A	2.5 cd	0.0 d	0.0 d	99.0 a	99.0 a	49.5 a
4	MON 301668 ATRAZINE	4.61 4 L	CS	30.0 oz/a 32.0 oz/a	PRE PRE	A A	3.8 bcd	0.0 d	0.0 d	99.0 a	99.0 a	83.3 a
5	DUAL II MAGNUM ATRAZINE AGRIDEX	7.64 4 L	EC	21.0 oz/a 32.0 oz/a 1.0 % v/v	EPOST EPOST EPOST	B B B	8.8 ab	0.0 d	0.0 d	99.0 a	99.0 a	95.5 a
6	WARRANT ATRAZINE AGRIDEX	3 4 L	CS	48.0 oz/a 32.0 oz/a 1.0 % v/v	EPOST EPOST EPOST	B B B	2.5 cd	0.0 d	0.0 d	99.0 a	99.0 a	62.3 a
7	MON 301668 ATRAZINE AGRIDEX	4.61 4 L	CS	30.0 oz/a 32.0 oz/a 1.0 % v/v	EPOST EPOST EPOST	B B B	1.3 d	0.0 d	0.0 d	99.0 a	99.0 a	40.0 a
8	WARRANT ATRAZINE HUSKIE INDUCE N-PAK AMS	3 4 L 2.06	CS EC	48.0 oz/a 16.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	7.5 abc	17.5 c	10.0 c	99.0 a	99.0 a	49.5 a
9	MON 301668 ATRAZINE HUSKIE INDUCE N-PAK AMS	4.61 4 L 2.06	CS EC	30.0 oz/a 16.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	7.5 abc	18.8 bc	12.5 ab	99.0 a	99.0 a	62.0 a
10	HUSKIE FX ATRAZINE INDUCE N-PAK AMS	2.3 4 L	EC	18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST	B B B B	10.0 a	21.3 ab	12.5 ab	99.0 a	99.0 a	89.5 a
11	WARRANT HUSKIE FX ATRAZINE INDUCE N-PAK AMS	3 2.3 4 L	CS EC	48.0 oz/a 18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	10.0 a	18.8 bc	11.3 bc	99.0 a	99.0 a	74.3 a
12	MON 301668 HUSKIE FX ATRAZINE INDUCE N-PAK AMS	4.61 2.3 4 L	CS EC	30.0 oz/a 18.0 oz/a 16.0 oz/a 0.25 % v/v 5.0 % v/v	EPOST EPOST EPOST EPOST EPOST	B B B B B	10.0 a	22.5 a	13.8 a	99.0 a	99.0 a	64.8 a
LSD P=.10							5.45	3.10	1.90	.	.	49.03
Standard Deviation							4.55	2.59	1.59	0.00	0.00	40.97
CV							82.46	31.47	31.78	0.0	0.0	67.12
Grand Mean							5.52	8.23	5.00	90.75	90.75	61.04
Bartlett's X2^							19.919	26.362	52.784	.	.	20.236
P(Bartlett's X2)							0.046*	0.006*	0.00*	.	.	0.042*

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 2,4,11,12,14 because error mean square = 0.
 ^Calculated from residual.

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Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Weed Code						Amapa
Crop Code						----
Part Rated						
Rating Data Type						Control
Rating Unit						%
Rating Date						Jul-16-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code
						14
1	NTC					0.0 b
2	DUAL II MAGNUM	7.64 EC	21.0 oz/a PRE		A	99.0 a
	ATRAZINE	4 L	32.0 oz/a PRE		A	
3	WARRANT	3 CS	48.0 oz/a PRE		A	99.0 a
	ATRAZINE	4 L	32.0 oz/a PRE		A	
4	MON 301668	4.61 CS	30.0 oz/a PRE		A	99.0 a
	ATRAZINE	4 L	32.0 oz/a PRE		A	
5	DUAL II MAGNUM	7.64 EC	21.0 oz/a EPOST		B	99.0 a
	ATRAZINE	4 L	32.0 oz/a EPOST		B	
	AGRIDEX	1.0 % v/v EPOST B				
6	WARRANT	3 CS	48.0 oz/a EPOST		B	99.0 a
	ATRAZINE	4 L	32.0 oz/a EPOST		B	
	AGRIDEX	1.0 % v/v EPOST B				
7	MON 301668	4.61 CS	30.0 oz/a EPOST		B	99.0 a
	ATRAZINE	4 L	32.0 oz/a EPOST		B	
	AGRIDEX	1.0 % v/v EPOST B				
8	WARRANT	3 CS	48.0 oz/a EPOST		B	99.0 a
	ATRAZINE	4 L	16.0 oz/a EPOST		B	
	HUSKIE	2.06 EC	16.0 oz/a EPOST		B	
	INDUCE	0.25 % v/v EPOST B				
	N-PAK AMS	5.0 % v/v EPOST B				
9	MON 301668	4.61 CS	30.0 oz/a EPOST		B	99.0 a
	ATRAZINE	4 L	16.0 oz/a EPOST		B	
	HUSKIE	2.06 EC	16.0 oz/a EPOST		B	
	INDUCE	0.25 % v/v EPOST B				
	N-PAK AMS	5.0 % v/v EPOST B				
10	HUSKIE FX	2.3 EC	18.0 oz/a EPOST		B	99.0 a
	ATRAZINE	4 L	16.0 oz/a EPOST		B	
	INDUCE	0.25 % v/v EPOST B				
	N-PAK AMS	5.0 % v/v EPOST B				
11	WARRANT	3 CS	48.0 oz/a EPOST		B	99.0 a
	HUSKIE FX	2.3 EC	18.0 oz/a EPOST		B	
	ATRAZINE	4 L	16.0 oz/a EPOST		B	
	INDUCE	0.25 % v/v EPOST B				
	N-PAK AMS	5.0 % v/v EPOST B				
12	MON 301668	4.61 CS	30.0 oz/a EPOST		B	99.0 a
	HUSKIE FX	2.3 EC	18.0 oz/a EPOST		B	
	ATRAZINE	4 L	16.0 oz/a EPOST		B	
	INDUCE	0.25 % v/v EPOST B				
	N-PAK AMS	5.0 % v/v EPOST B				
LSD P=.10						.
Standard Deviation						0.00
CV						0.0
Grand Mean						90.75
Bartlett's X2^						.
P(Bartlett's X2)						.

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 2,4,11,12,14 because error mean square = 0.
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Trial ID:	GS-04-21	Study Dir.:	KEITH RUCKER			
Location:	PONDER FARM	Investigator:	Eric P. Prostko			
Randomized Complete Block (RCB) AOV For ----- Sorbi Stunt % Jun-1-21 (Data Column 1)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	325.000000				
Replicate	3	4.166667	1.388889	0.786	0.5105	
Treatment	11	262.500000	23.863636	13.500	0.0001	
Error	33	58.333333	1.767677			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-1-21 (Data Column 2)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	88209.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	88209.000000	8019.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For ----- Sorbi Stunt % Jun-7-21 (Data Column 3)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	316.666667				
Replicate	3	4.166667	1.388889	0.344	0.7938	
Treatment	11	179.166667	16.287879	4.031	0.0009	
Error	33	133.333333	4.040404			
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-7-21 (Data Column 4)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	88209.000000				
Replicate	3	0.000000	0.000000	0.000	1.0000	
Treatment	11	88209.000000	8019.000000	0.000	1.0000	
Error	33	0.000000	0.000000			
Randomized Complete Block (RCB) AOV For Dedto ----- Control % Jun-7-21 (Data Column 5)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	71731.250000				
Replicate	3	208.250000	69.416667	2.303	0.0951	
Treatment	11	70528.250000	6411.659091	212.701	0.0001	
Error	33	994.750000	30.143939			
Randomized Complete Block (RCB) AOV For laqta ----- Control % Jun-7-21 (Data Column 6)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	72131.250000				
Replicate	3	194.916667	64.972222	1.523	0.2269	
Treatment	11	70528.250000	6411.659091	150.264	0.0001	
Error	33	1408.083333	42.669192			
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-7-21 (Data Column 7)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	72571.666667				
Replicate	3	82.000000	27.333333	0.462	0.7107	
Treatment	11	70537.666667	6412.515152	108.408	0.0001	
Error	33	1952.000000	59.151515			
Randomized Complete Block (RCB) AOV For ----- Sorbi Stunt % Jun-15-21 (Data Column 8)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	1511.979167				
Replicate	3	197.395833	65.798611	3.175	0.0369	
Treatment	11	630.729167	57.339015	2.767	0.0117	
Error	33	683.854167	20.722854			
Randomized Complete Block (RCB) AOV For ----- Sorbi Necrosis % Jun-15-21 (Data Column 9)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	4874.479167				
Replicate	3	34.895833	11.631944	1.734	0.1791	
Treatment	11	4618.229167	419.839015	62.591	0.0001	
Error	33	221.354167	6.707702			
Randomized Complete Block (RCB) AOV For ----- Sorbi Bleaching % Jun-15-21 (Data Column 10)						
Source	DF	Sum of Squares	Mean Square	F	Prob(F)	
Total	47	1800.000000				
Replicate	3	4.166667	1.388889	0.550	0.6517	
Treatment	11	1712.500000	155.681818	61.650	0.0001	
Error	33	83.333333	2.525253			

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM					
Trial ID:	GS-04-21	Study Dir.:	KEITH RUCKER		
Location:	PONDER FARM	Investigator:	Eric P. Prostko		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jun-15-21 (Data Column 11)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35937.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	35937.000000	3267.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Dedto ----- Control % Jun-15-21 (Data Column 12)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35937.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	35937.000000	3267.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Randomized Complete Block (RCB) AOV For Agrass ----- Control % Jun-15-21 (Data Column 13)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	85167.916667			
Replicate	3	1304.416667	434.805556	0.259	0.8544
Treatment	11	28468.916667	2588.083333	1.542	0.1635
Error	33	55394.583333	1678.623737		
Randomized Complete Block (RCB) AOV For Amapa ----- Control % Jul-16-21 (Data Column 14)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	47	35937.000000			
Replicate	3	0.000000	0.000000	0.000	1.0000
Treatment	11	35937.000000	3267.000000	0.000	1.0000
Error	33	0.000000	0.000000		
Rating Unit					
% = PERCENT					

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM													
Trial ID: GS-04-21		Study Dir.: KEITH RUCKER											
Location: PONDER FARM		Investigator: Eric P. Prostko											
Weed Code	Crop Code	Part Rated	Rating Data Type	Rating Unit	Rating Date	----- Sorbi	Amapa -----	----- Sorbi	Amapa -----	Dedto -----	Iaqtq -----		
						Stunt %	Control %	Stunt %	Control %	Control %	Control %		
						Jun-1-21	Jun-1-21	Jun-7-21	Jun-7-21	Jun-7-21	Jun-7-21		
Trt Treatment No.	Form Name	Form Conc	Rate Type	Grow Unit	Stg	Appl Code	Plot	1	2	3	4	5	6
1	NTC						101	0.0	0.0	0.0	0.0	0.0	0.0
							203	0.0	0.0	0.0	0.0	0.0	0.0
							312	0.0	0.0	0.0	0.0	0.0	0.0
							404	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
2	DUAL II MAGNUM	7.64 EC	21.0 oz/a	PRE	A		102	5.0	99.0	0.0	99.0	99.0	65.0
	ATRAZINE	4 L	32.0 oz/a	PRE	A		201	5.0	99.0	0.0	99.0	75.0	99.0
							303	5.0	99.0	0.0	99.0	85.0	95.0
							407	0.0	99.0	0.0	99.0	85.0	99.0
							Mean =	3.8	99.0	0.0	99.0	86.0	89.5
3	WARRANT	3 CS	48.0 oz/a	PRE	A		103	5.0	99.0	0.0	99.0	99.0	65.0
	ATRAZINE	4 L	32.0 oz/a	PRE	A		212	5.0	99.0	5.0	99.0	65.0	85.0
							307	0.0	99.0	5.0	99.0	95.0	95.0
							403	5.0	99.0	5.0	99.0	99.0	99.0
							Mean =	3.8	99.0	3.8	99.0	89.5	86.0
4	MON 301668	4.61 CS	30.0 oz/a	PRE	A		104	10.0	99.0	15.0	99.0	95.0	95.0
	ATRAZINE	4 L	32.0 oz/a	PRE	A		208	5.0	99.0	5.0	99.0	85.0	85.0
							309	5.0	99.0	0.0	99.0	95.0	95.0
							411	10.0	99.0	5.0	99.0	85.0	85.0
							Mean =	7.5	99.0	6.3	99.0	90.0	90.0
5	DUAL II MAGNUM	7.64 EC	21.0 oz/a	EPOST	B		105	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	4 L	32.0 oz/a	EPOST	B		211	0.0	0.0	0.0	0.0	0.0	0.0
	AGRINDEX		1.0 % v/v	EPOST	B		306	0.0	0.0	0.0	0.0	0.0	0.0
							410	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
6	WARRANT	3 CS	48.0 oz/a	EPOST	B		106	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	4 L	32.0 oz/a	EPOST	B		207	0.0	0.0	0.0	0.0	0.0	0.0
	AGRINDEX		1.0 % v/v	EPOST	B		305	0.0	0.0	0.0	0.0	0.0	0.0
							412	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
7	MON 301668	4.61 CS	30.0 oz/a	EPOST	B		107	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	4 L	32.0 oz/a	EPOST	B		210	0.0	0.0	0.0	0.0	0.0	0.0
	AGRINDEX		1.0 % v/v	EPOST	B		311	0.0	0.0	0.0	0.0	0.0	0.0
							401	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
8	WARRANT	3 CS	48.0 oz/a	EPOST	B		108	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	4 L	16.0 oz/a	EPOST	B		202	0.0	0.0	0.0	0.0	0.0	0.0
	HUSKIE	2.06 EC	16.0 oz/a	EPOST	B		308	0.0	0.0	0.0	0.0	0.0	0.0
	INDUCE		0.25 % v/v	EPOST	B		402	0.0	0.0	0.0	0.0	0.0	0.0
	N-PAK AMS		5.0 % v/v	EPOST	B								
							Mean =	0.0	0.0	0.0	0.0	0.0	0.0
9	MON 301668	4.61 CS	30.0 oz/a	EPOST	B		109	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	4 L	16.0 oz/a	EPOST	B		205	0.0	0.0	0.0	0.0	0.0	0.0
	HUSKIE	2.06 EC	16.0 oz/a	EPOST	B		301	0.0	0.0	0.0	0.0	0.0	0.0
	INDUCE		0.25 % v/v	EPOST	B		405	0.0	0.0	0.0	0.0	0.0	0.0
	N-PAK AMS		5.0 % v/v	EPOST	B								
							Mean =	0.0	0.0	0.0	0.0	0.0	0.0
10	HUSKIE FX	2.3 EC	18.0 oz/a	EPOST	B		110	0.0	0.0	0.0	0.0	0.0	0.0
	ATRAZINE	4 L	16.0 oz/a	EPOST	B		206	0.0	0.0	0.0	0.0	0.0	0.0
	INDUCE		0.25 % v/v	EPOST	B		302	0.0	0.0	0.0	0.0	0.0	0.0
	N-PAK AMS		5.0 % v/v	EPOST	B		409	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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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM			
Trial ID:	GS-04-21	Study Dir.:	KEITH RUCKER
Location:	PONDER FARM	Investigator:	Eric P. Prostko

Weed Code	-----	Amapa	-----	Amapa	Dedto	Iaqa
Crop Code	Sorbi	-----	Sorbi	-----	-----	-----
Part Rated						
Rating Data Type	Stunt	Control	Stunt	Control	Control	Control
Rating Unit	%	%	%	%	%	%
Rating Date	Jun-1-21	Jun-1-21	Jun-7-21	Jun-7-21	Jun-7-21	Jun-7-21
Trt Treatment	Form Form	Rate	Grow	Appl		
No. Name	Conc Type	Rate Unit	Stg	Code Plot	1	2
					3	4
					5	6
11 WARRANT	3 CS	48.0 oz/a	EPOST B	111	0.0	0.0
HUSKIE FX	2.3 EC	18.0 oz/a	EPOST B	204	0.0	0.0
ATRAZINE	4 L	16.0 oz/a	EPOST B	310	0.0	0.0
INDUCE		0.25 % v/v	EPOST B	408	0.0	0.0
N-PAK AMS		5.0 % v/v	EPOST B			
			Mean =		0.0	0.0
12 MON 301668	4.61 CS	30.0 oz/a	EPOST B	112	0.0	0.0
HUSKIE FX	2.3 EC	18.0 oz/a	EPOST B	209	0.0	0.0
ATRAZINE	4 L	16.0 oz/a	EPOST B	304	0.0	0.0
INDUCE		0.25 % v/v	EPOST B	406	0.0	0.0
N-PAK AMS		5.0 % v/v	EPOST B			
			Mean =		0.0	0.0

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM														
Trial ID: GS-04-21		Study Dir.: KEITH RUCKER												
Location: PONDER FARM		Investigator: Eric P. Prostko												
Weed Code					Agrass	-----	-----	-----	Amapa	Dedto				
Crop Code					-----	Sorbi	Sorbi	Sorbi	-----	-----				
Part Rated														
Rating Data Type					Control	Stunt	Necrosis	Bleaching	Control	Control				
Rating Unit					%	%	%	%	%	%				
Rating Date					Jun-7-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21				
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	0.0	0.0
								203	0.0	0.0	0.0	0.0	0.0	0.0
								312	0.0	0.0	0.0	0.0	0.0	0.0
								404	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
2 DUAL II MAGNUM 7.64 EC 21.0 oz/a PRE A 102														
	ATRAZINE	4 L		32.0 oz/a		PRE	A	201	95.0	0.0	0.0	0.0	99.0	99.0
								303	65.0	5.0	0.0	0.0	99.0	99.0
								407	99.0	0.0	0.0	0.0	99.0	99.0
								Mean =	88.5	2.5	0.0	0.0	99.0	99.0
3 WARRANT 3 CS 48.0 oz/a PRE A 103														
	ATRAZINE	4 L		32.0 oz/a		PRE	A	212	99.0	0.0	0.0	0.0	99.0	99.0
								307	99.0	5.0	0.0	0.0	99.0	99.0
								403	65.0	0.0	0.0	0.0	99.0	99.0
								Mean =	82.0	2.5	0.0	0.0	99.0	99.0
4 MON 301668 4.61 CS 30.0 oz/a PRE A 104														
	ATRAZINE	4 L		32.0 oz/a		PRE	A	208	95.0	0.0	0.0	0.0	99.0	99.0
								309	99.0	0.0	0.0	0.0	99.0	99.0
								411	99.0	0.0	0.0	0.0	99.0	99.0
								Mean =	94.5	3.8	0.0	0.0	99.0	99.0
5 DUAL II MAGNUM 7.64 EC 21.0 oz/a EPOST B 105														
	ATRAZINE	4 L		32.0 oz/a		EPOST B	B	211	0.0	0.0	0.0	0.0	99.0	99.0
	AGRIDEX			1.0 % v/v		EPOST B	B	306	0.0	15.0	0.0	0.0	99.0	99.0
								410	0.0	10.0	0.0	0.0	99.0	99.0
								Mean =	0.0	8.8	0.0	0.0	99.0	99.0
6 WARRANT 3 CS 48.0 oz/a EPOST B 106														
	ATRAZINE	4 L		32.0 oz/a		EPOST B	B	207	0.0	0.0	0.0	0.0	99.0	99.0
	AGRIDEX			1.0 % v/v		EPOST B	B	305	0.0	5.0	0.0	0.0	99.0	99.0
								412	0.0	0.0	0.0	0.0	99.0	99.0
								Mean =	0.0	2.5	0.0	0.0	99.0	99.0
7 MON 301668 4.61 CS 30.0 oz/a EPOST B 107														
	ATRAZINE	4 L		32.0 oz/a		EPOST B	B	210	0.0	5.0	0.0	0.0	99.0	99.0
	AGRIDEX			1.0 % v/v		EPOST B	B	311	0.0	0.0	0.0	0.0	99.0	99.0
								401	0.0	0.0	0.0	0.0	99.0	99.0
								Mean =	0.0	1.3	0.0	0.0	99.0	99.0
8 WARRANT 3 CS 48.0 oz/a EPOST B 108														
	ATRAZINE	4 L		16.0 oz/a		EPOST B	B	202	0.0	5.0	20.0	10.0	99.0	99.0
	HUSKIE	2.06 EC		16.0 oz/a		EPOST B	B	308	0.0	10.0	20.0	10.0	99.0	99.0
	INDUCE			0.25 % v/v		EPOST B	B	402	0.0	10.0	15.0	10.0	99.0	99.0
	N-PAK AMS			5.0 % v/v		EPOST B	B							
								Mean =	0.0	7.5	17.5	10.0	99.0	99.0
9 MON 301668 4.61 CS 30.0 oz/a EPOST B 109														
	ATRAZINE	4 L		16.0 oz/a		EPOST B	B	205	0.0	10.0	15.0	10.0	99.0	99.0
	HUSKIE	2.06 EC		16.0 oz/a		EPOST B	B	301	0.0	10.0	20.0	10.0	99.0	99.0
	INDUCE			0.25 % v/v		EPOST B	B	405	0.0	0.0	15.0	15.0	99.0	99.0
	N-PAK AMS			5.0 % v/v		EPOST B	B							
								Mean =	0.0	7.5	18.8	12.5	99.0	99.0
10 HUSKIE FX 2.3 EC 18.0 oz/a EPOST B 110														
	ATRAZINE	4 L		16.0 oz/a		EPOST B	B	206	0.0	10.0	20.0	10.0	99.0	99.0
	INDUCE			0.25 % v/v		EPOST B	B	302	0.0	15.0	15.0	10.0	99.0	99.0
	N-PAK AMS			5.0 % v/v		EPOST B	B	409	0.0	5.0	25.0	15.0	99.0	99.0
								Mean =	0.0	10.0	21.3	12.5	99.0	99.0

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM														
Trial ID:		GS-04-21		Study Dir.:		KEITH RUCKER								
Location:		PONDER FARM		Investigator:		Eric P. Prostko								
Weed Code						Agrass	-----		-----		Amapa	Dedto		
Crop Code						-----	Sorbi		Sorbi		-----			
Part Rated														
Rating Data Type						Control	Stunt	Necrosis	Bleaching	Control	Control			
Rating Unit						%	%	%	%	%	%			
Rating Date						Jun-7-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21	Jun-15-21			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	7	8	9	10	11	12
11	WARRANT	3	CS	48.0	oz/a	EPOST	B	111	0.0	5.0	20.0	10.0	99.0	99.0
	HUSKIE FX	2.3	EC	18.0	oz/a	EPOST	B	204	0.0	20.0	15.0	10.0	99.0	99.0
	ATRAZINE	4	L	16.0	oz/a	EPOST	B	310	0.0	10.0	25.0	15.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B	408	0.0	5.0	15.0	10.0	99.0	99.0
	N-PAK AMS			5.0	% v/v	EPOST	B							
				Mean =					0.0	10.0	18.8	11.3	99.0	99.0
12	MON 301668	4.61	CS	30.0	oz/a	EPOST	B	112	0.0	10.0	25.0	15.0	99.0	99.0
	HUSKIE FX	2.3	EC	18.0	oz/a	EPOST	B	209	0.0	10.0	25.0	15.0	99.0	99.0
	ATRAZINE	4	L	16.0	oz/a	EPOST	B	304	0.0	20.0	20.0	15.0	99.0	99.0
	INDUCE			0.25	% v/v	EPOST	B	406	0.0	0.0	20.0	10.0	99.0	99.0
	N-PAK AMS			5.0	% v/v	EPOST	B							
				Mean =					0.0	10.0	22.5	13.8	99.0	99.0

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM			
Trial ID:	GS-04-21	Study Dir.:	KEITH RUCKER
Location:	PONDER FARM	Investigator:	Eric P. Prostko

							Agrass -----	Amapa -----
							Control %	Control %
							Jun-15-21	Jul-16-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code		
1	NTC						13	14
						101	0.0	0.0
						203	0.0	0.0
						312	0.0	0.0
						404	0.0	0.0
						Mean =	0.0	0.0
2	DUAL II MAGNUM	7.64	EC	21.0 oz/a	PRE	A 102	50.0	99.0
	ATRAZINE	4 L		32.0 oz/a	PRE	A 201	99.0	99.0
						303	0.0	99.0
						407	99.0	99.0
						Mean =	62.0	99.0
3	WARRANT	3 CS		48.0 oz/a	PRE	A 103	0.0	99.0
	ATRAZINE	4 L		32.0 oz/a	PRE	A 212	99.0	99.0
						307	99.0	99.0
						403	0.0	99.0
						Mean =	49.5	99.0
4	MON 301668	4.61	CS	30.0 oz/a	PRE	A 104	50.0	99.0
	ATRAZINE	4 L		32.0 oz/a	PRE	A 208	85.0	99.0
						309	99.0	99.0
						411	99.0	99.0
						Mean =	83.3	99.0
5	DUAL II MAGNUM	7.64	EC	21.0 oz/a	EPOST	B 105	99.0	99.0
	ATRAZINE	4 L		32.0 oz/a	EPOST	B 211	85.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B 306	99.0	99.0
						410	99.0	99.0
						Mean =	95.5	99.0
6	WARRANT	3 CS		48.0 oz/a	EPOST	B 106	99.0	99.0
	ATRAZINE	4 L		32.0 oz/a	EPOST	B 207	50.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B 305	50.0	99.0
						412	50.0	99.0
						Mean =	62.3	99.0
7	MON 301668	4.61	CS	30.0 oz/a	EPOST	B 107	0.0	99.0
	ATRAZINE	4 L		32.0 oz/a	EPOST	B 210	85.0	99.0
	AGRIDEX			1.0 % v/v	EPOST	B 311	75.0	99.0
						401	0.0	99.0
						Mean =	40.0	99.0
8	WARRANT	3 CS		48.0 oz/a	EPOST	B 108	0.0	99.0
	ATRAZINE	4 L		16.0 oz/a	EPOST	B 202	99.0	99.0
	HUSKIE	2.06	EC	16.0 oz/a	EPOST	B 308	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 402	0.0	99.0
	N-PAK AMS			5.0 % v/v	EPOST	B		
						Mean =	49.5	99.0
9	MON 301668	4.61	CS	30.0 oz/a	EPOST	B 109	50.0	99.0
	ATRAZINE	4 L		16.0 oz/a	EPOST	B 205	0.0	99.0
	HUSKIE	2.06	EC	16.0 oz/a	EPOST	B 301	99.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 405	99.0	99.0
	N-PAK AMS			5.0 % v/v	EPOST	B		
						Mean =	62.0	99.0
10	HUSKIE FX	2.3	EC	18.0 oz/a	EPOST	B 110	99.0	99.0
	ATRAZINE	4 L		16.0 oz/a	EPOST	B 206	75.0	99.0
	INDUCE			0.25 % v/v	EPOST	B 302	99.0	99.0
	N-PAK AMS			5.0 % v/v	EPOST	B 409	85.0	99.0
						Mean =	89.5	99.0

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM			
Trial ID:	GS-04-21	Study Dir.:	KEITH RUCKER
Location:	PONDER FARM	Investigator:	Eric P. Prostko

						Agrass	Amapa
Weed Code						-----	-----
Crop Code							
Part Rated							
Rating Data Type						Control	Control
Rating Unit						%	%
Rating Date						Jun-15-21	Jul-16-21
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Appl Code
11	WARRANT	3	CS	48.0 oz/a	EPOST B	111	99.0
	HUSKIE FX	2.3	EC	18.0 oz/a	EPOST B	204	0.0
	ATRAZINE	4	L	16.0 oz/a	EPOST B	310	99.0
	INDUCE			0.25 % v/v	EPOST B	408	99.0
	N-PAK AMS			5.0 % v/v	EPOST B		
					Mean =		74.3
12	MON 301668	4.61	CS	30.0 oz/a	EPOST B	112	99.0
	HUSKIE FX	2.3	EC	18.0 oz/a	EPOST B	209	75.0
	ATRAZINE	4	L	16.0 oz/a	EPOST B	304	0.0
	INDUCE			0.25 % v/v	EPOST B	406	85.0
	N-PAK AMS			5.0 % v/v	EPOST B		
					Mean =		64.8

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HIGH LOAD WARRANT FOR WEED CONTROL IN GRAIN SORGHUM

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Rating Unit
% = PERCENT