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WEED CONTROL IN GRAIN SORGHUM WITH HUSKIE
 Trial ID: SG-01-15 Study Dir.: KEITH RUCKER
 Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 Plots: 6 by 25 feet
 Spray vol: 15 GAL/AC Mix Size: 1.5 liters (calculated mix size .58658)

Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	Amt Product to Measure	Rep 1	Rep 2	Rep 3
1	NTC							101	210	311
2	HUSKIE	2.06	EC	13.0 oz/a	POST	B	10.16 ml/mx	102	203	308
	AATREX	4	L	16.0 oz/a	POST	B	12.5 ml/mx			
	AMS XTRA	3.2	SL	2.5 % v/v	POST	B	37.5 ml/mx			
	NIS			0.25 % v/v	POST	B	3.75 ml/mx			
3	HUSKIE	2.06	EC	16.0 oz/a	POST	B	12.5 ml/mx	103	204	302
	AATREX	4	L	16.0 oz/a	POST	B	12.5 ml/mx			
	AMS XTRA	3.2	SL	2.5 % v/v	POST	B	37.5 ml/mx			
	NIS			0.25 % v/v	POST	B	3.75 ml/mx			
4	HUSKIE	2.06	EC	13.0 oz/a	POST	B	10.16 ml/mx	104	207	303
	AATREX	4	L	16.0 oz/a	POST	B	12.5 ml/mx			
	2,4-D ESTER	4	EC	4.0 oz/a	POST	B	3.125 ml/mx			
	AMS XTRA	3.4	SL	2.5 % v/v	POST	B	37.5 ml/mx			
	NIS			0.25 % v/v	POST	B	3.75 ml/mx			
5	HUSKIE	2.06	EC	13.0 oz/a	POST	B	10.16 ml/mx	105	206	312
	AATREX	4	L	16.0 oz/a	POST	B	12.5 ml/mx			
	CLARITY	4	SL	4.0 oz/a	POST	B	3.125 ml/mx			
	AMS XTRA	3.4	SL	2.5 % v/v	POST	B	37.5 ml/mx			
	NIS			0.25 % v/v	POST	B	3.75 ml/mx			
6	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	A	12.5 ml/mx	106	212	304
	HUSKIE	2.06	EC	13.0 oz/a	POST2	C	10.16 ml/mx			
	AATREX	4	L	16.0 oz/a	POST2	C	12.5 ml/mx			
	AMS XTRA	3.4	SL	2.5 % v/v	POST2	C	37.5 ml/mx			
	NIS			0.25 % v/v	POST2	C	3.75 ml/mx			
7	NTC							107	202	306
8	WARRANT	3	CS	48.0 oz/a	PRE	A	37.5 ml/mx	108	211	307
	AATREX	4	L	48.0 oz/a	POST2	C	37.5 ml/mx			
	COC			1.0 % v/v	POST2	C	15.0 ml/mx			
9	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	A	12.5 ml/mx	109	205	301
	AATREX	4	L	48.0 oz/a	POST2	C	37.5 ml/mx			
	COC			1.0 % v/v	POST2	C	15.0 ml/mx			
10	HUSKIE	2.06	EC	13.0 oz/a	POST	B	10.16 ml/mx	110	201	310
	AMS XTRA	3.4	SL	2.5 % v/v	POST	B	37.5 ml/mx			
	NIS			0.25 % v/v	POST	B	3.75 ml/mx			
11	HUSKIE	2.06	EC	16.0 oz/a	POST	B	12.5 ml/mx	111	209	305
	AMS XTRA	3.4	SL	2.5 % v/v	POST	B	37.5 ml/mx			
	NIS			0.25 % v/v	POST	B	3.75 ml/mx			
12	DUAL II MAGNUM	7.62	EC	16.0 oz/a	PRE	A	12.5 ml/mx	112	208	309
	HUSKIE	2.06	EC	13.0 oz/a	POST2	C	10.16 ml/mx			
	AMS XTRA	3.4	SL	2.5 % v/v	POST2	C	37.5 ml/mx			
	NIS			0.25 % v/v	POST2	C	3.75 ml/mx			
13	WARRANT	3	ME	48.0 oz/a	PRE	A	37.5 ml/mx	113	213	313
	HUSKIE	2.06	EC	13.0 oz/a	POST2	C	10.16 ml/mx			
	AATREX	4	L	16.0 oz/a	POST2	C	12.5 ml/mx			
	AMS XTRA	3.4	SL	2.5 % v/v	POST2	C	37.5 ml/mx			
	NIS			0.25 % v/v	POST2	C	3.75 ml/mx			

Sort Order: Treatment

Trial Comments

HUSKIE = PYRASULFOTOLE (0.31 LBS) + BROMOXYNIL (1.75 LBS) + MEFENPYR (SAFENER)
 COC = RELIABLE
 NIS = ADEPT

ANNUAL GRASS = TEXAS PANICUM + CRABGRASS + CROWFOOTGRASS

YIELD DATA WAS NOT OBTAINED DUE TO HEAVY BIRD DAMAGE.

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SUMMARY:

1) POST APPLICATIONS OF HUSKIE CAUSED SIGNIFICANT SORGHUM STUNTING AND PLANT CHLOROSIS. HOWEVER, THE CROP RECOVERED FROM THIS INJURY.

2) ON MAY 26 (49 DAP), ALL TREATMENTS PROVIDED EXCELLENT CONTROL OF PALMER AMARANTH (>95%) EXCEPT THE FOLLOWING:

HUSKIE ALONE @ 13-16 OZ/A. PALMER CONTROL WITH HUSKIE WAS IMPROVED WHEN TANK-MIXED WITH ATRAZINE OR FOLLOWING A PRE APPLICATION OF DUAL II MAGNUM.

3) ON MAY 26 (49 DAP), ONLY THE FOLLOWING TREATMENTS PROVIDED AT LEAST 80% CONTROL OF ANNUAL GRASSES:

HUSKIE + ATRAZINE + 2,4-D (POST) = 80%

DUAL II MAGNUM (PRE) FB HUSKIE + ATRAZINE (POST) = 93%

DUAL II MAGNUM (PRE) FB ATRAZINE (POST) = 93%

DUAL II MAGNUM (PRE) PRE FB HUSKIE (POST2) - 80%

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WEED CONTROL IN GRAIN SORGHUM WITH HUSKIE

Trial ID: SG-01-15 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 Status: _____ **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 TEXAS PANICUM/CRABGRASS
Weed 3: RAPRA WILD RADISH **4:** _____

Crop 1: SORBI SORGHUM **Variety:** PIONEER 83P17 **Planting Date:** Apr-7-15
Planting Method: MONOSEM **Rate:** 87120 SEED/A **Depth:** 0.5 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:** 3
Site Type: _____
Tillage Type: CONVENTIONAL **Study Design:** RACOBL
Trial Initiation Comments: CRUISER + CONCEP TREATED SEED; APRON + MAXIM + DYNASTY SEED TRT

Previous: Crops	Pesticides	Year
1. PEANUT	2014	_____

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: SAND **% OM:** 0.93 **% Sand:** 94 **% Silt:** 4 **% Clay:** 2
pH: 6.0 **CEC:** 3.7 **Soil Name:** TIFTON **Fertility Level:** GOOD

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1. Apr-7-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
2. May-6-15	_____	0.75	IN	SPRINKLER - LATERAL MOVE	_____	_____
3. May-11-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
4. May-12-15	_____	0.5	IN	SPRINKLER - LATERAL MOVE	_____	_____
5. May-22-15	_____	0.75	IN	SPRINKLER - LATERAL MOVE	_____	_____
6. May-26-15	_____	0.75	IN	SPRINKLER - LATERAL MOVE	_____	_____
7.	_____	_____	_____	_____	_____	_____

Overall Moisture Conditions: _____

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

APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	Apr-7-15	Apr-23-15	Apr-30-15	_____	_____	_____
Time of Day:	12:00 PM	7:30 AM	7:30 AM	_____	_____	_____
Application Method:	BROADCAST	BROADCAST	BROADCAST	_____	_____	_____
Application Timing:	PRE	POST	POST2	_____	_____	_____
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE	_____	_____	_____
Air Temp., Unit:	89 F	60 F	56 F	_____	_____	_____
% Relative Humidity:	50	99	99	_____	_____	_____
Wind Velocity, Unit:	4 MPH	0 MPH	2 MPH	_____	_____	_____
Dew Presence (Y/N):	N	Y	Y	_____	_____	_____
Water Hardness:	---	---	---	_____	_____	_____
Soil Temp., Unit:	75 F	69 F	62 F	_____	_____	_____
Soil Moisture:	OPTIMUM	WET	WET	_____	_____	_____
% Cloud Cover:	65	50	100	_____	_____	_____

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CROP STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Crop 1	Stage: SORBI	4-5 LF	5-6 LF				
Stage Scale:							
Height, Unit:		3 IN	4 IN				

WEED STAGE AT EACH APPLICATION							
		A	B	C	D	E	F
Weed 1	Stage: AMAPA	1" TALL					
Stage Scale:							
Density, Unit:							
Weed 2	Stage: AGRASS	0.5-1"	1-2"				
Stage Scale:							
Density, Unit:							
Weed 3	Stage: RAPRA	1-2" TALL	1-2"				
Stage Scale:							
Density, Unit:							

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

Trt No	Treatment Application Comment
-	

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WEED CONTROL IN GRAIN SORGHUM WITH HUSKIE													
Trial ID: SG-01-15		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 CROP - STUNT PERCENT Apr-17-15	AMAPA ----- CONTROL PERCENT Apr-17-15	ANNUAL GRASS CONTROL PERCENT Apr-17-15	----- SORBI PLANT - STUNTING PERCENT Apr-30-15	----- SORBI PLANT - CHLOROSI PERCENT Apr-30-15	AMAPA ----- CONTROL PERCENT Apr-30-15		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	NTC							0.0 a	0.0 b	0.0 c	0.0 g	0.0 e	0.0 b
2	HUSKIE	2.06 EC		13.0 oz/a		POST	B	0.0 a	0.0 b	0.0 c	36.7 bc	20.0 b	99.0 a
	AATREX	4 L		16.0 oz/a		POST	B						
	AMS XTRA	3.2 SL		2.5 % v/v		POST	B						
	NIS			0.25 % v/v		POST	B						
3	HUSKIE	2.06 EC		16.0 oz/a		POST	B	0.0 a	0.0 b	0.0 c	46.7 a	16.7 b	99.0 a
	AATREX	4 L		16.0 oz/a		POST	B						
	AMS XTRA	3.2 SL		2.5 % v/v		POST	B						
	NIS			0.25 % v/v		POST	B						
4	HUSKIE	2.06 EC		13.0 oz/a		POST	B	0.0 a	0.0 b	0.0 c	30.0 cd	10.0 c	99.0 a
	AATREX	4 L		16.0 oz/a		POST	B						
	2,4-D ESTER	4 EC		4.0 oz/a		POST	B						
	AMS XTRA	3.4 SL		2.5 % v/v		POST	B						
	NIS			0.25 % v/v		POST	B						
5	HUSKIE	2.06 EC		13.0 oz/a		POST	B	0.0 a	0.0 b	0.0 c	23.3 de	20.0 b	99.0 a
	AATREX	4 L		16.0 oz/a		POST	B						
	CLARITY	4 SL		4.0 oz/a		POST	B						
	AMS XTRA	3.4 SL		2.5 % v/v		POST	B						
	NIS			0.25 % v/v		POST	B						
6	DUAL II MAGNUM	7.62 EC		16.0 oz/a		PRE	A	0.0 a	99.0 a	97.7 a	16.7 ef	3.3 de	99.0 a
	HUSKIE	2.06 EC		13.0 oz/a		POST2	C						
	AATREX	4 L		16.0 oz/a		POST2	C						
	AMS XTRA	3.4 SL		2.5 % v/v		POST2	C						
	NIS			0.25 % v/v		POST2	C						
7	NTC							0.0 a	0.0 b	0.0 c	0.0 g	0.0 e	0.0 b
8	WARRANT	3 CS		48.0 oz/a		PRE	A	0.0 a	97.7 a	96.3 a	3.3 g	0.0 e	99.0 a
	AATREX	4 L		48.0 oz/a		POST2	C						
	COC			1.0 % v/v		POST2	C						
9	DUAL II MAGNUM	7.62 EC		16.0 oz/a		PRE	A	0.0 a	99.0 a	99.0 a	15.7 ef	0.0 e	99.0 a
	AATREX	4 L		48.0 oz/a		POST2	C						
	COC			1.0 % v/v		POST2	C						
10	HUSKIE	2.06 EC		13.0 oz/a		POST	B	0.0 a	0.0 b	0.0 c	30.0 cd	50.0 a	99.0 a
	AMS XTRA	3.4 SL		2.5 % v/v		POST	B						
	NIS			0.25 % v/v		POST	B						
11	HUSKIE	2.06 EC		16.0 oz/a		POST	B	0.0 a	0.0 b	0.0 c	43.3 ab	50.0 a	99.0 a
	AMS XTRA	3.4 SL		2.5 % v/v		POST	B						
	NIS			0.25 % v/v		POST	B						
12	DUAL II MAGNUM	7.62 EC		16.0 oz/a		PRE	A	0.0 a	97.7 a	99.0 a	10.0 fg	0.0 e	99.0 a
	HUSKIE	2.06 EC		13.0 oz/a		POST2	C						
	AMS XTRA	3.4 SL		2.5 % v/v		POST2	C						
	NIS			0.25 % v/v		POST2	C						

Means followed by same letter do not significantly differ (P=.10, Duncan's New MRT)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 Missing data estimates are included in columns: Yates=4
 Could not calculate LSD (% mean diff) for columns 1,6,7,14 because error mean square = 0.

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Weed Code						-----	AMAPA	ANNUAL	-----	-----	AMAPA	
Crop Code						SORBI	-----	GRASS	SORBI	SORBI	-----	
Part Rated						CROP -			PLANT -	PLANT -		
Rating Data Type						STUNT	CONTROL	CONTROL	STUNTING	CHLOROSI	CONTROL	
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date						Apr-17-15	Apr-17-15	Apr-17-15	Apr-30-15	Apr-30-15	Apr-30-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	1	2	3	4	5	6
13	WARRANT HUSKIE	3 ME		48.0 oz/a	PRE	A	0.0 a	97.7 a	89.7 b	3.3 g	6.7 cd	99.0 a
	AATREX	2.06 EC		13.0 oz/a	POST2	C						
	AMS XTRA	4 L		16.0 oz/a	POST2	C						
	NIS	3.4 SL		2.5 % v/v	POST2	C						
				0.25 % v/v	POST2	C						
LSD P=.10							.	1.55	5.23	9.32	5.44	.
Standard Deviation							0.00	1.11	3.74	6.66	3.89	0.00
CV							0.0	2.94	10.1	33.43	28.66	0.0
Grand Mean							0.00	37.77	37.05	19.93	13.59	83.77
Bartlett's X2							0.0	0.0	7.271	2.81	0.998	0.0
P(Bartlett's X2)							.	.	0.026*	0.971	0.802	.
Replicate F							0.000	1.000	0.556	1.117	1.183	0.000
Replicate Prob(F)							1.0000	0.3827	0.5807	0.3442	0.3236	1.0000
Treatment F							0.000	6027.459	510.352	18.199	63.155	0.000
Treatment Prob(F)							1.0000	0.0001	0.0001	0.0001	0.0001	1.0000

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						RAPRA ----- CONTROL PERCENT Apr-30-15	ANNUAL GRASS CONTROL PERCENT Apr-30-15	----- SORBI PLANT - STUNTING PERCENT May-11-15	----- SORBI PLANT - CHLOROSI PERCENT May-11-15	AMAPA ----- CONTROL PERCENT May-11-15	ANNUAL GRASS CONTROL PERCENT May-11-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	NTC						0.0 b	0.0 e	0.0 d	0.0 d	0.0 c	0.0 f
2	HUSKIE AATREX AMS XTRA NIS	2.06 4 3.2	EC L SL	13.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST	B B B B	99.0 a	68.0 c	23.3 b	10.0 c	99.0 a	70.0 cd
3	HUSKIE AATREX AMS XTRA NIS	2.06 4 3.2	EC L SL	16.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST	B B B B	99.0 a	93.0 ab	30.0 ab	13.3 c	99.0 a	86.7 abc
4	HUSKIE AATREX 2,4-D ESTER AMS XTRA NIS	2.06 4 4 3.4	EC L EC SL	13.0 oz/a 16.0 oz/a 4.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST POST	B B B B B	99.0 a	96.3 a	20.0 b	10.0 c	99.0 a	90.0 ab
5	HUSKIE AATREX CLARITY AMS XTRA NIS	2.06 4 4 3.4	EC L SL SL	13.0 oz/a 16.0 oz/a 4.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST POST	B B B B B	99.0 a	71.7 bc	30.0 ab	10.0 c	99.0 a	73.3 bcd
6	DUAL II MAGNUM HUSKIE AATREX AMS XTRA NIS	7.62 2.06 4 3.4	EC EC L SL	16.0 oz/a 13.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	PRE POST2 POST2 POST2 POST2	A C C C C	0.0 b	99.0 a	36.7 a	18.3 b	99.0 a	99.0 a
7	NTC						0.0 b	0.0 e	0.0 d	0.0 d	0.0 c	0.0 f
8	WARRANT AATREX COC	3 4	CS L	48.0 oz/a 48.0 oz/a 1.0 % v/v	PRE POST2 POST2	A C C	0.0 b	90.0 ab	8.3 cd	0.0 d	99.0 a	84.7 abc
9	DUAL II MAGNUM AATREX COC	7.62 4	EC L	16.0 oz/a 48.0 oz/a 1.0 % v/v	PRE POST2 POST2	A C C	0.0 b	99.0 a	28.3 ab	10.0 c	99.0 a	97.7 a
10	HUSKIE AMS XTRA NIS	2.06 3.4	EC SL	13.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST	B B B	99.0 a	30.0 d	18.3 bc	13.3 c	94.3 ab	33.3 e
11	HUSKIE AMS XTRA NIS	2.06 3.4	EC SL	16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST	B B B	99.0 a	41.7 d	21.7 b	10.0 c	93.0 b	58.3 d
12	DUAL II MAGNUM HUSKIE AMS XTRA NIS	7.62 2.06 3.4	EC EC SL	16.0 oz/a 13.0 oz/a 2.5 % v/v 0.25 % v/v	PRE POST2 POST2 POST2	A C C C	0.0 b	99.0 a	25.0 b	23.3 a	99.0 a	92.7 a

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Weed Code						RAPRA	ANNUAL	-----	-----	AMAPA	ANNUAL	
Crop Code						-----	GRASS	SORBI	SORBI	-----	GRASS	
Part Rated								PLANT -	PLANT -			
Rating Data Type						CONTROL	CONTROL	STUNTING	CHLOROSI	CONTROL	CONTROL	
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date						Apr-30-15	Apr-30-15	May-11-15	May-11-15	May-11-15	May-11-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	7	8	9	10	11	12
13	WARRANT HUSKIE	3 ME		48.0 oz/a	PRE	A	0.0 b	87.7 abc	20.0 b	10.0 c	99.0 a	83.0 abc
	AATREX	4 L		16.0 oz/a	POST2	C						
	AMS XTRA	3.4 SL		2.5 % v/v	POST2	C						
	NIS			0.25 % v/v	POST2	C						
LSD P=.10						.	20.12	10.34	4.18	4.03	16.55	
Standard Deviation						0.00	14.40	7.40	3.00	2.88	11.84	
CV						0.0	21.39	36.76	30.35	3.47	17.73	
Grand Mean						45.69	67.33	20.13	9.87	82.95	66.82	
Bartlett's X2						0.0	15.118	9.651	1.06	0.026	13.254	
P(Bartlett's X2)						.	0.019*	0.472	0.787	0.873	0.151	
Replicate F						0.000	4.444	7.633	0.071	2.123	8.752	
Replicate Prob(F)						1.0000	0.0228	0.0027	0.9313	0.1415	0.0014	
Treatment F						0.000	19.974	6.962	15.857	490.823	25.559	
Treatment Prob(F)						1.0000	0.0001	0.0001	0.0001	0.0001	0.0001	

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						----- SORBI PLANT - STUNTING PERCENT May-26-15	----- SORGHUM PLANT - CHLOROSI PERCENT May-26-15	AMAPA ----- CONTROL PERCENT May-26-15	ANNUAL GRASS CONTROL PERCENT May-26-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Grow Stg	Appl Code	13	14	15	16
1	NTC						0.0 b	0.0 a	0.0 d	0.0 d
2	HUSKIE AATREX AMS XTRA NIS	2.06 4 3.2	EC L SL	13.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST	B B B B	3.3 b	0.0 a	99.0 a	43.3 bc
3	HUSKIE AATREX AMS XTRA NIS	2.06 4 3.2	EC L SL	16.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST	B B B B	5.0 ab	0.0 a	94.7 a	73.3 ab
4	HUSKIE AATREX 2,4-D ESTER AMS XTRA NIS	2.06 4 4 3.4	EC L EC SL	13.0 oz/a 16.0 oz/a 4.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST POST	B B B B B	1.7 b	0.0 a	99.0 a	80.0 a
5	HUSKIE AATREX CLARITY AMS XTRA NIS	2.06 4 4 3.4	EC L SL	13.0 oz/a 16.0 oz/a 4.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST POST	B B B B B	5.0 ab	0.0 a	97.7 a	43.3 bc
6	DUAL II MAGNUM HUSKIE AATREX AMS XTRA NIS	7.62 2.06 4 3.4	EC EC L SL	16.0 oz/a 13.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	PRE POST2 POST2 POST2 POST2	A C C C C	8.3 a	0.0 a	99.0 a	93.0 a
7	NTC						0.0 b	0.0 a	0.0 d	0.0 d
8	WARRANT AATREX COC	3 4	CS L	48.0 oz/a 48.0 oz/a 1.0 % v/v	PRE POST2 POST2	A C C	0.0 b	0.0 a	99.0 a	73.3 ab
9	DUAL II MAGNUM AATREX COC	7.62 4	EC L	16.0 oz/a 48.0 oz/a 1.0 % v/v	PRE POST2 POST2	A C C	5.0 ab	0.0 a	99.0 a	93.3 a
10	HUSKIE AMS XTRA NIS	2.06 3.4	EC SL	13.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST	B B B	1.7 b	0.0 a	75.0 b	6.7 d
11	HUSKIE AMS XTRA NIS	2.06 3.4	EC SL	16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST	B B B	3.3 b	0.0 a	65.0 c	26.7 cd
12	DUAL II MAGNUM HUSKIE AMS XTRA NIS	7.62 2.06 3.4	EC EC SL	16.0 oz/a 13.0 oz/a 2.5 % v/v 0.25 % v/v	PRE POST2 POST2 POST2	A C C C	3.3 b	0.0 a	97.7 a	80.0 a

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Weed Code						-----	-----	AMAPA	ANNUAL	
Crop Code						SORBI	SORGHUM	-----	GRASS	
Part Rated						PLANT -	PLANT -			
Rating Data Type						STUNTING	CHLOROSI	CONTROL	CONTROL	
Rating Unit						PERCENT	PERCENT	PERCENT	PERCENT	
Rating Date						May-26-15	May-26-15	May-26-15	May-26-15	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Stg	Appl Code	13	14	15	16
13	WARRANT	3	ME	48.0 oz/a	PRE	A	0.0 b	0.0 a	99.0 a	73.0 ab
	HUSKIE	2.06	EC	13.0 oz/a	POST2	C				
	AATREX	4	L	16.0 oz/a	POST2	C				
	AMS XTRA	3.4	SL	2.5 % v/v	POST2	C				
	NIS			0.25 % v/v	POST2	C				
LSD P=.10						4.36	.	6.97	27.90	
Standard Deviation						3.12	0.00	4.99	19.97	
CV						110.55	0.0	6.34	37.84	
Grand Mean						2.82	0.00	78.77	52.77	
Bartlett's X2						2.794	0.0	10.685	15.119	
P(Bartlett's X2)						0.947	.	0.014*	0.128	
Replicate F						3.429	0.000	1.288	5.535	
Replicate Prob(F)						0.0490	1.0000	0.2943	0.0106	
Treatment F						2.055	0.000	160.934	9.126	
Treatment Prob(F)						0.0644	1.0000	0.0001	0.0001	

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WEED CONTROL IN GRAIN SORGHUM WITH HUSKIE

Trial ID: SG-01-15 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Part Rated

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

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WEED CONTROL IN GRAIN SORGHUM WITH HUSKIE													
Trial ID: SG-01-15		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 CROP - STUNT PERCENT Apr-17-15	AMAPA ----- CONTROL PERCENT Apr-17-15	ANNUAL GRASS CONTROL PERCENT Apr-17-15	----- SORBI PLANT - STUNTING PERCENT Apr-30-15	----- SORBI PLANT - CHLOROSI PERCENT Apr-30-15	AMAPA ----- CONTROL PERCENT Apr-30-15		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Grow Unit	Appl Stg	Code Plot	1	2	3	4	5	6
1 NTC													
							101	0.0	0.0	0.0	0.0	0.0	0.0
							210	0.0	0.0	0.0	0.0	0.0	0.0
							311	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 HUSKIE													
	AATREX	2.06 EC		13.0 oz/a	POST	B	102	0.0	0.0	0.0	40.0	10.0	99.0
	AMS XTRA	4 L		16.0 oz/a	POST	B	203	0.0	0.0	0.0	40.0	20.0	99.0
	NIS	3.2 SL		2.5 % v/v	POST	B	308	0.0	0.0	0.0	30.0	30.0	99.0
				0.25 % v/v	POST	B	Mean =	0.0	0.0	0.0	36.7	20.0	99.0
3 HUSKIE													
	AATREX	2.06 EC		16.0 oz/a	POST	B	103	0.0	0.0	0.0	50.0	10.0	99.0
	AMS XTRA	4 L		16.0 oz/a	POST	B	204	0.0	0.0	0.0	50.0	20.0	99.0
	NIS	3.2 SL		2.5 % v/v	POST	B	302	0.0	0.0	0.0	40.0	20.0	99.0
				0.25 % v/v	POST	B	Mean =	0.0	0.0	0.0	46.7	16.7	99.0
4 HUSKIE													
	AATREX	2.06 EC		13.0 oz/a	POST	B	104	0.0	0.0	0.0	30.0	10.0	99.0
	2,4-D ESTER	4 L		16.0 oz/a	POST	B	207	0.0	0.0	0.0	20.0	10.0	99.0
	AMS XTRA	4 EC		4.0 oz/a	POST	B	303	0.0	0.0	0.0	40.0	10.0	99.0
	NIS	3.4 SL		2.5 % v/v	POST	B	Mean =	0.0	0.0	0.0	30.0	10.0	99.0
				0.25 % v/v	POST	B							
5 HUSKIE													
	AATREX	2.06 EC		13.0 oz/a	POST	B	105	0.0	0.0	0.0	30.0	20.0	99.0
	CLARITY	4 L		16.0 oz/a	POST	B	206	0.0	0.0	0.0	30.0	20.0	99.0
	AMS XTRA	4 SL		4.0 oz/a	POST	B	312	0.0	0.0	0.0	10.0	20.0	99.0
	NIS	3.4 SL		2.5 % v/v	POST	B	Mean =	0.0	0.0	0.0	23.3	20.0	99.0
				0.25 % v/v	POST	B							
6 DUAL II MAGNUM													
	HUSKIE	7.62 EC		16.0 oz/a	PRE	A	106	0.0	99.0	95.0	20.0	0.0	99.0
	AATREX	2.06 EC		13.0 oz/a	POST2	C	212	0.0	99.0	99.0	20.0	0.0	99.0
	AMS XTRA	4 L		16.0 oz/a	POST2	C	304	0.0	99.0	99.0	10.0	10.0	99.0
	NIS	3.4 SL		2.5 % v/v	POST2	C	Mean =	0.0	99.0	97.7	16.7	3.3	99.0
				0.25 % v/v	POST2	C							
7 NTC													
							107	0.0	0.0	0.0	0.0	0.0	0.0
							202	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
							Mean =	0.0	0.0	0.0	0.0	0.0	0.0
8 WARRANT													
	AATREX	3 CS		48.0 oz/a	PRE	A	108	0.0	99.0	95.0	0.0	0.0	99.0
	COC	4 L		48.0 oz/a	POST2	C	211	0.0	95.0	95.0	10.0	0.0	99.0
				1.0 % v/v	POST2	C	307	0.0	99.0	99.0	0.0	0.0	99.0
							Mean =	0.0	97.7	96.3	3.3	0.0	99.0
9 DUAL II MAGNUM													
	AATREX	7.62 EC		16.0 oz/a	PRE	A	109	0.0	99.0	99.0	17.1*	0.0	99.0
	COC	4 L		48.0 oz/a	POST2	C	205	0.0	99.0	99.0	10.0	0.0	99.0
				1.0 % v/v	POST2	C	301	0.0	99.0	99.0	20.0	0.0	99.0
							Mean =	0.0	99.0	99.0	15.7	0.0	99.0
10 HUSKIE													
	AMS XTRA	2.06 EC		13.0 oz/a	POST	B	110	0.0	0.0	0.0	30.0	50.0	99.0
	NIS	3.4 SL		2.5 % v/v	POST	B	201	0.0	0.0	0.0	30.0	50.0	99.0
				0.25 % v/v	POST	B	310	0.0	0.0	0.0	30.0	50.0	99.0
							Mean =	0.0	0.0	0.0	30.0	50.0	99.0
11 HUSKIE													
	AMS XTRA	2.06 EC		16.0 oz/a	POST	B	111	0.0	0.0	0.0	50.0	50.0	99.0
	NIS	3.4 SL		2.5 % v/v	POST	B	209	0.0	0.0	0.0	40.0	50.0	99.0
				0.25 % v/v	POST	B	305	0.0	0.0	0.0	40.0	50.0	99.0
							Mean =	0.0	0.0	0.0	43.3	50.0	99.0
12 DUAL II MAGNUM													
	HUSKIE	7.62 EC		16.0 oz/a	PRE	A	112	0.0	95.0	99.0	0.0	0.0	99.0
	AMS XTRA	2.06 EC		13.0 oz/a	POST2	C	208	0.0	99.0	99.0	20.0	0.0	99.0
	NIS	3.4 SL		2.5 % v/v	POST2	C	309	0.0	99.0	99.0	10.0	0.0	99.0
				0.25 % v/v	POST2	C	Mean =	0.0	97.7	99.0	10.0	0.0	99.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date							----- SORBI CROP - STUNT PERCENT Apr-17-15	----- AMAPA ----- CONTROL PERCENT Apr-17-15	ANNUAL GRASS CONTROL PERCENT Apr-17-15	----- SORBI PLANT - STUNTING PERCENT Apr-30-15	----- SORBI PLANT - CHLOROSI PERCENT Apr-30-15	AMAPA ----- CONTROL PERCENT Apr-30-15
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	1	2	3	4	5	6
13	WARRANT	3	ME	48.0	oz/a	PRE A	0.0	95.0	95.0	10.0	10.0	99.0
	HUSKIE	2.06	EC	13.0	oz/a	POST2 C	0.0	99.0	99.0	0.0	10.0	99.0
	AATREX	4	L	16.0	oz/a	POST2 C	0.0	99.0	75.0	0.0	0.0	99.0
	AMS XTRA	3.4	SL	2.5	% v/v	POST2 C						
	NIS			0.25	% v/v	POST2 C						
						Mean =	0.0	97.7	89.7	3.3	6.7	99.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						RAPRA ----- CONTROL PERCENT Apr-30-15	ANNUAL GRASS CONTROL PERCENT Apr-30-15	----- SORBI PLANT - STUNTING PERCENT May-11-15	----- SORBI PLANT - CHLOROSI PERCENT May-11-15	AMAPA ----- CONTROL PERCENT May-11-15	ANNUAL GRASS CONTROL PERCENT May-11-15
Trt Treatment No. Name	Form Form Conc Type	Rate Rate Unit	Grow Stg	Appl Code Plot		7	8	9	10	11	12
1 NTC					101	0.0	0.0	0.0	0.0	0.0	0.0
					210	0.0	0.0	0.0	0.0	0.0	0.0
					311	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 HUSKIE	2.06 EC	13.0 oz/a	POST	B	102	99.0	75.0	30.0	10.0	99.0	75.0
AATREX	4 L	16.0 oz/a	POST	B	203	99.0	99.0	25.0	10.0	99.0	75.0
AMS XTRA	3.2 SL	2.5 % v/v	POST	B	308	99.0	30.0	15.0	10.0	99.0	60.0
NIS		0.25 % v/v	POST	B							
					Mean =	99.0	68.0	23.3	10.0	99.0	70.0
3 HUSKIE	2.06 EC	16.0 oz/a	POST	B	103	99.0	95.0	50.0	20.0	99.0	95.0
AATREX	4 L	16.0 oz/a	POST	B	204	99.0	99.0	20.0	10.0	99.0	95.0
AMS XTRA	3.2 SL	2.5 % v/v	POST	B	302	99.0	85.0	20.0	10.0	99.0	70.0
NIS		0.25 % v/v	POST	B							
					Mean =	99.0	93.0	30.0	13.3	99.0	86.7
4 HUSKIE	2.06 EC	13.0 oz/a	POST	B	104	99.0	95.0	25.0	10.0	99.0	85.0
AATREX	4 L	16.0 oz/a	POST	B	207	99.0	99.0	20.0	10.0	99.0	90.0
2,4-D ESTER	4 EC	4.0 oz/a	POST	B	303	99.0	95.0	15.0	10.0	99.0	95.0
AMS XTRA	3.4 SL	2.5 % v/v	POST	B							
NIS		0.25 % v/v	POST	B							
					Mean =	99.0	96.3	20.0	10.0	99.0	90.0
5 HUSKIE	2.06 EC	13.0 oz/a	POST	B	105	99.0	90.0	40.0	10.0	99.0	85.0
AATREX	4 L	16.0 oz/a	POST	B	206	99.0	95.0	30.0	10.0	99.0	95.0
CLARITY	4 SL	4.0 oz/a	POST	B	312	99.0	30.0	20.0	10.0	99.0	40.0
AMS XTRA	3.4 SL	2.5 % v/v	POST	B							
NIS		0.25 % v/v	POST	B							
					Mean =	99.0	71.7	30.0	10.0	99.0	73.3
6 DUAL II MAGNUM	7.62 EC	16.0 oz/a	PRE	A	106	0.0	99.0	55.0	20.0	99.0	99.0
HUSKIE	2.06 EC	13.0 oz/a	POST2	C	212	0.0	99.0	25.0	15.0	99.0	99.0
AATREX	4 L	16.0 oz/a	POST2	C	304	0.0	99.0	30.0	20.0	99.0	99.0
AMS XTRA	3.4 SL	2.5 % v/v	POST2	C							
NIS		0.25 % v/v	POST2	C							
					Mean =	0.0	99.0	36.7	18.3	99.0	99.0
7 NTC					107	0.0	0.0	0.0	0.0	0.0	0.0
					202	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
					Mean =	0.0	0.0	0.0	0.0	0.0	0.0
8 WARRANT	3 CS	48.0 oz/a	PRE	A	108	0.0	85.0	10.0	0.0	99.0	75.0
AATREX	4 L	48.0 oz/a	POST2	C	211	0.0	90.0	5.0	0.0	99.0	99.0
COC		1.0 % v/v	POST2	C	307	0.0	95.0	10.0	0.0	99.0	80.0
					Mean =	0.0	90.0	8.3	0.0	99.0	84.7
9 DUAL II MAGNUM	7.62 EC	16.0 oz/a	PRE	A	109	0.0	99.0	30.0	10.0	99.0	99.0
AATREX	4 L	48.0 oz/a	POST2	C	205	0.0	99.0	20.0	10.0	99.0	99.0
COC		1.0 % v/v	POST2	C	301	0.0	99.0	35.0	10.0	99.0	95.0
					Mean =	0.0	99.0	28.3	10.0	99.0	97.7
10 HUSKIE	2.06 EC	13.0 oz/a	POST	B	110	99.0	30.0	20.0	10.0	99.0	50.0
AMS XTRA	3.4 SL	2.5 % v/v	POST	B	201	99.0	30.0	30.0	20.0	85.0	50.0
NIS		0.25 % v/v	POST	B	310	99.0	30.0	5.0	10.0	99.0	0.0
					Mean =	99.0	30.0	18.3	13.3	94.3	33.3
11 HUSKIE	2.06 EC	16.0 oz/a	POST	B	111	99.0	30.0	30.0	10.0	99.0	50.0
AMS XTRA	3.4 SL	2.5 % v/v	POST	B	209	99.0	65.0	20.0	10.0	85.0	75.0
NIS		0.25 % v/v	POST	B	305	99.0	30.0	15.0	10.0	95.0	50.0
					Mean =	99.0	41.7	21.7	10.0	93.0	58.3
12 DUAL II MAGNUM	7.62 EC	16.0 oz/a	PRE	A	112	0.0	99.0	30.0	20.0	99.0	99.0
HUSKIE	2.06 EC	13.0 oz/a	POST2	C	208	0.0	99.0	25.0	20.0	99.0	99.0
AMS XTRA	3.4 SL	2.5 % v/v	POST2	C	309	0.0	99.0	20.0	30.0	99.0	80.0
NIS		0.25 % v/v	POST2	C							
					Mean =	0.0	99.0	25.0	23.3	99.0	92.7

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						RAPRA ----- CONTROL PERCENT Apr-30-15	ANNUAL GRASS CONTROL PERCENT Apr-30-15	----- SORBI PLANT - STUNTING PERCENT May-11-15	----- SORBI PLANT - CHLOROSI PERCENT May-11-15	AMAPA ----- CONTROL PERCENT May-11-15	ANNUAL GRASS CONTROL PERCENT May-11-15			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Grow Unit	Appl Stg	Code	Plot	7	8	9	10	11	12
13	WARRANT	3	ME	48.0	oz/a	PRE	A	113	0.0	99.0	25.0	10.0	99.0	90.0
	HUSKIE	2.06	EC	13.0	oz/a	POST2	C	213	0.0	99.0	15.0	10.0	99.0	99.0
	AATREX	4	L	16.0	oz/a	POST2	C	313	0.0	65.0	20.0	10.0	99.0	60.0
	AMS XTRA	3.4	SL	2.5	% v/v	POST2	C							
	NIS			0.25	% v/v	POST2	C							
								Mean =	0.0	87.7	20.0	10.0	99.0	83.0

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Weed Code Crop Code Part Rated Rating Data Type Rating Unit Rating Date						----- SORBI PLANT - STUNTING PERCENT May-26-15	----- SORGHUM PLANT - CHLOROSI PERCENT May-26-15	AMAPA ----- CONTROL PERCENT May-26-15	ANNUAL GRASS CONTROL PERCENT May-26-15
Trt Treatment No. Name	Form Form Conc Type	Rate Rate Unit	Grow Stg	Appl Code Plot	13	14	15	16	
1 NTC				101 210 311 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	
2 HUSKIE AATREX AMS XTRA NIS	2.06 EC 4 L 3.2 SL	13.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST	B 102 B 203 B 308 Mean =	5.0 5.0 0.0 3.3	0.0 0.0 0.0 0.0	99.0 99.0 99.0 99.0	70.0 60.0 0.0 43.3	
3 HUSKIE AATREX AMS XTRA NIS	2.06 EC 4 L 3.2 SL	16.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST	B 103 B 204 B 302 Mean =	10.0 0.0 5.0 5.0	0.0 0.0 0.0 0.0	95.0 90.0 99.0 94.7	85.0 85.0 50.0 73.3	
4 HUSKIE AATREX 2,4-D ESTER AMS XTRA NIS	2.06 EC 4 L 4 EC 3.4 SL	13.0 oz/a 16.0 oz/a 4.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST POST	B 104 B 207 B 303 Mean =	5.0 0.0 0.0 1.7	0.0 0.0 0.0 0.0	99.0 99.0 99.0 99.0	85.0 60.0 95.0 80.0	
5 HUSKIE AATREX CLARITY AMS XTRA NIS	2.06 EC 4 L 4 SL 3.4 SL	13.0 oz/a 16.0 oz/a 4.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST POST POST	B 105 B 206 B 312 Mean =	10.0 0.0 5.0 5.0	0.0 0.0 0.0 0.0	99.0 95.0 99.0 97.7	65.0 65.0 0.0 43.3	
6 DUAL II MAGNUM HUSKIE AATREX AMS XTRA NIS	7.62 EC 2.06 EC 4 L 3.4 SL	16.0 oz/a 13.0 oz/a 16.0 oz/a 2.5 % v/v 0.25 % v/v	PRE POST2 POST2 POST2 POST2	A 106 C 212 C 304 Mean =	10.0 5.0 10.0 8.3	0.0 0.0 0.0 0.0	99.0 99.0 99.0 99.0	90.0 99.0 90.0 93.0	
7 NTC				107 202 306 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	
8 WARRANT AATREX COC	3 CS 4 L	48.0 oz/a 48.0 oz/a 1.0 % v/v	PRE POST2 POST2	A 108 C 211 C 307 Mean =	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	99.0 99.0 99.0 99.0	65.0 90.0 65.0 73.3	
9 DUAL II MAGNUM AATREX COC	7.62 EC 4 L	16.0 oz/a 48.0 oz/a 1.0 % v/v	PRE POST2 POST2	A 109 C 205 C 301 Mean =	5.0 0.0 10.0 5.0	0.0 0.0 0.0 0.0	99.0 99.0 99.0 99.0	95.0 95.0 90.0 93.3	
10 HUSKIE AMS XTRA NIS	2.06 EC 3.4 SL	13.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST	B 110 B 201 B 310 Mean =	0.0 5.0 0.0 1.7	0.0 0.0 0.0 0.0	65.0 65.0 95.0 75.0	0.0 20.0 0.0 6.7	
11 HUSKIE AMS XTRA NIS	2.06 EC 3.4 SL	16.0 oz/a 2.5 % v/v 0.25 % v/v	POST POST POST	B 111 B 209 B 305 Mean =	10.0 0.0 0.0 3.3	0.0 0.0 0.0 0.0	65.0 65.0 65.0 65.0	0.0 50.0 30.0 26.7	
12 DUAL II MAGNUM HUSKIE AMS XTRA NIS	7.62 EC 2.06 EC 3.4 SL	16.0 oz/a 13.0 oz/a 2.5 % v/v 0.25 % v/v	PRE POST2 POST2 POST2	A 112 C 208 C 309 Mean =	5.0 5.0 0.0 3.3	0.0 0.0 0.0 0.0	99.0 99.0 95.0 97.7	95.0 95.0 50.0 80.0	

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Weed Code							-----	-----	AMAPA	ANNUAL		
Crop Code							SORBI	SORGHUM	-----	GRASS		
Part Rated							PLANT -	PLANT -				
Rating Data Type							STUNTING	CHLOROSI	CONTROL	CONTROL		
Rating Unit							PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date							May-26-15	May-26-15	May-26-15	May-26-15		
Trt	Treatment	Form	Form	Rate	Grow	Appl						
No.	Name	Conc	Type	Rate	Unit	Stg	Code	Plot	13	14	15	16
13	WARRANT	3	ME	48.0	oz/a	PRE	A	113	0.0	0.0	99.0	95.0
	HUSKIE	2.06	EC	13.0	oz/a	POST2	C	213	0.0	0.0	99.0	99.0
	AATREX	4	L	16.0	oz/a	POST2	C	313	0.0	0.0	99.0	25.0
	AMS XTRA	3.4	SL	2.5	% v/v	POST2	C					
	NIS			0.25	% v/v	POST2	C					
								Mean =	0.0	0.0	99.0	73.0

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WEED CONTROL IN GRAIN SORGHUM WITH HUSKIE

Trial ID: SG-01-15 Study Dir.: KEITH RUCKER
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code

AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
RAPRA = RADISH, WILD / RAPHANUS RAPHANISTRUM L.

Part Rated

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