University of Georgia

WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Reps: 3 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
1	IGROWTH ADV63189IG NTC									- - -	101	210	302
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	15 GPA	12.5 mL/mx	1487.5 mL	102	209	308
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	15 GPA	4.687 mL/mx	1495.3 mL	103	208	305
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	15 GPA	7.03 mL/mx	1493.0 mL	104	207	310
5	MOCCASIN II PLUS IMIFLEX	7.64 1	EC SL	16.0 9.0	oz/a oz/a	PRE PRE	A A	15 GPA 15 GPA	12.5 mL/mx 7.03 mL/mx	1480.5 mL	105	206	309
6	MOCCASIN II PLUS IMIFLEX AGRIDEX	7.64 1	EC SL	16.0 6.0 1.0	oz/a oz/a % v/v	PRE POST POST	A C C	15 GPA 15 GAL/AC 15 GAL/AC	12.5 mL/mx 4.687 mL/mx 15.0 mL/mx	1487.5 mL 1480.3 mL	106	205	304
7	MOCCASIN II PLUS IMIFLEX CLARITY INDUCE	7.64 1 4	EC SL SL	16.0 6.0 4.0 0.25	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	15 GPA 15 GAL/AC 15 GAL/AC 15 GAL/AC	12.5 mL/mx 4.687 mL/mx 3.125 mL/mx 3.75 mL/mx	1487.5 mL 1488.4 mL	107	204	306
8	IMIFLEX AGRIDEX	1	SL	6.0 1.0	oz/a % v/v	EPOST EPOST	B B	15 GPA 15 GPA	4.687 mL/mx 15.0 mL/mx	1480.3 mL	108	203	303
9	IMIFLEX AGRIDEX N-PAK AMS	1	SL	6.0 1.0 1.0	oz/a % v/v % v/v	EPOST EPOST EPOST	B B B	15 GPA 15 GPA 15 GPA	4.687 mL/mx 15.0 mL/mx 15.0 mL/mx	1465.3 mL	109	202	301
10	MOCCASIN II PLUS ATRAZINE PROWL H20 AGRIDEX	7.64 4 3.8	EC L SC	16.0 48.0 32.0 1.0	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	15 GPA 15 GAL/AC 15 GAL/AC 15 GAL/AC	12.5 mL/mx 37.5 mL/mx 25.0 mL/mx 15.0 mL/mx	1487.5 mL 1422.5 mL	110	201	307
11	DOUBLE TEAM NTC SP-45-A45DT									- - -	111	215	314
12	DUAL II MAGNUM FIRSTACT (QUIZALOFOP AGRIDEX	7.64 0.88	EC EC	16.0 10.0 1.0	oz/a oz/a % v/v	PRE POST POST	A C C	15 GPA 15 GAL/AC 15 GAL/AC	12.5 mL/mx 7.812 mL/mx 15.0 mL/mx	1487.5 mL 1477.2 mL	112	213	315
13	DUAL II MAGNUM FIRSTACT (QUIZALOFOP 2,4-D AMINE INDUCE	7.64 0.88 3.8	EC EC SL	16.0 10.0 16.0 0.25	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	15 GPA 15 GAL/AC 15 GAL/AC 15 GAL/AC	12.5 mL/mx 7.812 mL/mx 12.5 mL/mx 3.75 mL/mx	1487.5 mL 1475.9 mL	113	214	311
14	DUAL II MAGNUM FIRSTACT (QUIZALOFOP CLARITY INDUCE	7.64 0.88 4	EC EC SL	16.0 10.0 8.0 0.25	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	15 GPA 15 GAL/AC 15 GAL/AC 15 GAL/AC	12.5 mL/mx 7.812 mL/mx 6.249 mL/mx 3.75 mL/mx	1487.5 mL 1482.2 mL	114	212	313
15	DUAL II MAGNUM FIRSTACT (QUIZALOFOP CLARITY MOXY (BROMOXYNIL) INDUCE	7.64 0.88 4 2	EC EC SL EC	16.0 10.0 8.0 16.0 0.25	oz/a oz/a oz/a oz/a % v/v	PRE POST POST POST POST	A C C C C	15 GPA 15 GAL/AC 15 GAL/AC 15 GAL/AC 15 GAL/AC	12.5 mL/mx 7.812 mL/mx 6.249 mL/mx 12.5 mL/mx 3.75 mL/mx	1487.5 mL 1469.7 mL	115	211	312
16	INZEN NTC 2073A598-02									- - -	116	220	317
17	EVERPREX ZEST (NICOSULFURON) AGRIDEX AMSOL 34%	7.62 75	EC WG	16.0 0.67 1.0 2.5	oz/a oz/a % v/v % v/v	PRE POST POST POST	A C C C	15 GPA 15 GAL/AC 15 GAL/AC 15 GAL/AC	12.5 mL/mx 0.5018 g/mx 15.0 mL/mx 37.5 mL/mx	1487.5 mL 1447.0 mL	117	218	316

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Reps: 3 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
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	15 GPA	12.5 mL/mx	1487.5 mL	118	219	320
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	15 GAL/AC	0.5018 g/mx	1458.2 mL			
	ALLY	60	DG	0.1	oz/a	POST	C	15 GAL/AC	.07489 g/mx				
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
	AMSOL 34%			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx				
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	15 GPA	12.5 mL/mx	1487.5 mL	119	217	318
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	15 GAL/AC	0.5018 g/mx	1445.7 mL			
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	15 GAL/AC	12.5 mL/mx				
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
	AMSOL 34%			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx				
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	15 GPA	12.5 mL/mx	1487.5 mL	120	216	319
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	15 GAL/AC	0.5018 g/mx	1452.0 mL			
	CLARITY	4	SL	8.0	oz/a	POST	C	15 GAL/AC	6.249 mL/mx				
	INDUCE			0.25	% v/v	POST	C	15 GAL/AC	3.75 mL/mx				
	AMSOL 34%			2.5	% v/v	POST	C	15 GAL/AC	37.5 mL/mx				

Sort Order: Treatment

Trial Comments

MOCCASIN II PLUS = S-METOLACHLOR (UPL)
EVERPREX = S-METOLACHLOR (CORTEVA)
IMIFLEX (IMAZAMOX) = KFD-365-03

ANNUAL GRASS = NON-UNIFORM MIXTURE OF ANNUAL GRASSES INCLUDING TEXAS PANICUM, CRABGRASS, CROWFOOTGRASS, GOOSEGRASS, AND SANDBUR.

SUMMARY

1) PRE APPLICATIONS OF MOCCASIN II, DUAL II MAGNUM, AND EVERPREX CAUSED SLIGHT SORGHUM INJURY BUT PROVIDED EXCELLENT RESIDUAL CONTROL OF PALMER AMARANTH AND CARPETWEED AND FAIR TO GOOD CONTROL OF ANNUAL GRASSES. GENERALLY, WHEN THESE HERBICIDES WERE APPLIED PRE NOT MANY WEEDS WERE UP AT THE TIME OF THE POST APPLICATIONS.

2) I-GROWTH SYSTEM

A) GENERALLY, PRE AND EPOST APPLICATIONS OF IMIFLEX ALONE DID NOT PROVIDE ACCEPTABLE CONTROL OF PALMER AMARANTH, ANNUAL GRASSES, AND CARPETWEED IN THIS TEST. THE PALMER AMARANTH POPULATION IN THIS TEST IS ALS-RESISTANT.

3) DOUBLE TEAM SYSTEM - ON JUNE 23 ABOUT 9 DAYS AFTER ALL POST TREATMENTS WERE APPLIED, THE FOLLOWING OBSERVATIONS WERE MADE:

A) SORGHUM STUNTING WAS LESS THAN 7% WITH ALL FIRST-ACT TREATMENTS.
B) SORGHUM CHLOROSIS WAS ~2% WITH FIRST-ACT ALONE THEN 5% (+2,4-D AMINE), 12% (+CLARITY), AND 10% (+CLARITY + BROMOXYNIL).
C) PALMER AMARANTH AND CARPETWEED CONTROL WAS > 96% WITH ALL FIRST-ACT TREATMENTS.
D) ANNUAL GRASS CONTROL WAS AT LEAST 78% WITH ALL FIRST-ACT TREATMENTS.

4) INZEN SYSTEM - ON JUNE 23 ABOUT 9 DAYS AFTER ALL POST TREATMENTS WERE APPLIED, THE FOLLOWING OBSERVATIONS WERE MADE:

A) SORGHUM STUNTING WAS 12-13% WITH ALL ZEST TREATMENTS.
B) SORGHUM CHLOROSIS WITH ZEST RANGED BETWEEN 17-20%.
C) PALMER AMARANTH AND CARPETWEED CONTROL WAS > 95% WITH ALL ZEST TREATMENTS.
D) ANNUAL GRASS CONTROL WITH ZEST WAS AT LEAST 80%.
E) THE INZEN CULTIVAR USED IN THIS TEST WAS THE LEAST ADAPTED TO THIS AREA AND DID NOT LOOK GOOD ALL SEASON.

5) ON JULY 16 (58 DAP), ALL TREATMENTS PROVIDED 99% CONTROL OF PALMER AMARANTH EXCEPT THE FOLLOWING:

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IMIFLEX PRE OR POST =< 30% CONTROL

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Location: PONDER FARM Investigator: Eric P. Prostko

GENERAL TRIAL INFORMATION

Study Director: BRENT BEAN/UNITED SORGHUM CHEC **Title:** _____
Affiliation: _____ **Postal Code:** _____

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

Trial Status: E **Initiation Date:** _____ **Country:** _____
City: _____ **State/Prov.:** _____ **Postal Code:** _____
Conducted Under GLP (Y/N): N **Conducted Under GEP (Y/N):** N

Objective:

Conclusions:

CROP AND PEST DESCRIPTION

Weed 1. AMAPA PALMER AMARANTH **2.** RAPRA WILD RADISH
Weed 3. AGRASS CRAB/CROW/GOOSE/TX PAN **4.** MOLVE CARPETWEED

Crop 1: SORBI SORGHUM **Variety:** SEVERAL **Planting Date:** May-19-21
Planting Method: MONSOEM VACUMM **Rate:** 70000 S/A **Depth:** 1.0 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: 300 LBS/A 5-15-30 PREPLANT; 127 LBS/A NITROGEN SIDERESS ON JUNE 18 (46 GPA 24-0-0-3)

Previous: Crops	Pesticides	Year
1. PEANUT		2020

MAINTENANCE

Field Prep./Maintenance: _____

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

SOIL DESCRIPTION

Texture: TIFTON **% OM:** 0.61 **% Sand:** 94 **% Silt:** 2 **% Clay:** 4
pH: ____ **CEC:** ____ **Soil Name:** SAND **Fertility Level:** GOOD

MOISTURE CONDITIONS

On:	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:** __

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APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	May-21-21	Jun-2-21	Jun-14-21			
Time of Day:	6:30 AM	7:00 AM	7:00 AM			
Application Method:	BROADCAST	BROADCAST	BROADCAST			
Application Timing:	PRE	EPOST	POST			
Applic. Placement:	SOIL	FOLIAGE	FOLIAGE			
Air Temp., Unit:	63 F	67 F	70 F			
% Relative Humidity:	91	95	94			
Wind Velocity, Unit:	0 MPH	3 MPH	0 MPH			
Dew Presence (Y/N):	N	Y	Y			
Water Hardness:	--	--	--			
Soil Temp., Unit:	66 F	70 F	76 F			
Soil Moisture:	OPTIMUM	WET	OPTIMUM			
% Cloud Cover:	0	100	0			

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Crop 1 Stage:	SORBI					
Stage Scale:		V4-V5	V7-V8			
Height, Unit:	4 IN		10 IN			

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 Stage:	AMAPA	1-3"	3-14"			
Stage Scale:						
Density, Unit:						
Weed 2 Stage:	RAPRA	1"	--			
Stage Scale:						
Density, Unit:						
Weed 3 Stage:	AGRASS	0.5-2"	3-4"			
Stage Scale:						
Density, Unit:						
Weed 4 Stage:	MOLVE	0.3"	1-2"			
Stage Scale:						
Density, Unit:						

APPLICATION EQUIPMENT

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

Trt No **Treatment Application Comment**

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
	Weed Code							----- SORBI	AMAPA -----	AGRASS -----	----- SORBI	AMAPA -----	AGRASS -----
	Crop Code												
	Part Rated												
	Rating Data Type							Stunting	Control	Control	Stunting	Control	Control
	Rating Unit							%	%	%	%	%	%
	Rating Date							Jun-1-21	Jun-1-21	Jun-1-21	Jun-9-21	Jun-9-21	Jun-9-21
1	IGROWTH							0.0 a	0.0 c	0.0 e	0.0 d	0.0 d	0.0 g
	ADV63189IG												
	NTC												
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	92.7 ab	3.3 bcd	99.0 a	73.3 a-e
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	0.0 a	66.3 b	49.7 d	8.3 ab	28.3 c	50.0 ef
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	0.0 a	96.0 a	65.0 cd	10.0 a	61.7 b	41.7 f
5	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	96.0 ab	10.0 a	99.0 a	99.0 a
	IMIFLEX	1	SL	9.0	oz/a	PRE	A						
6	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	86.0 ab	6.7 abc	99.0 a	66.0 b-f
	IMIFLEX	1	SL	6.0	oz/a	POST	C						
	AGRIDEX			1.0	% v/v	POST	C						
7	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	81.3 abc	3.3 bcd	99.0 a	61.3 c-f
	IMIFLEX	1	SL	6.0	oz/a	POST	C						
	CLARITY	4	SL	4.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
8	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	0.0 a	0.0 c	0.0 e	5.0 a-d	23.3 c	50.0 ef
	AGRIDEX			1.0	% v/v	EPOST	B						
9	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	0.0 a	0.0 c	0.0 e	5.0 a-d	36.7 c	58.3 c-f
	AGRIDEX			1.0	% v/v	EPOST	B						
	N-PAK AMS			1.0	% v/v	EPOST	B						
10	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	89.3 ab	5.0 a-d	99.0 a	88.3 abc
	ATRAZINE	4	L	48.0	oz/a	POST	C						
	PROWL H20	3.8	SC	32.0	oz/a	POST	C						
	AGRIDEX			1.0	% v/v	POST	C						
11	DOUBLE TEAM							0.0 a	0.0 c	0.0 e	0.0 d	0.0 d	0.0 g
	NTC												
	SP-45-A45DT												
12	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	78.0 bc	0.0 d	99.0 a	85.0 a-d
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C						
	AGRIDEX			1.0	% v/v	POST	C						
13	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	96.0 ab	0.0 d	99.0 a	87.7 abc
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C						
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
14	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	99.0 a	1.7 cd	97.7 a	93.0 ab
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C						
	CLARITY	4	SL	8.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
15	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	99.0 a	0.0 d	99.0 a	82.7 a-d
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C						
	CLARITY	4	SL	8.0	oz/a	POST	C						
	MOXY (BROMOXYNIL)	2	EC	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
16	INZEN							0.0 a	0.0 c	0.0 e	0.0 d	0.0 d	0.0 g
	NTC												
	2073A598-02												

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.
Missing data estimates are included in columns:Average=3
Could not calculate LSD (% mean diff) for columns 1 because error mean square = 0.
^Calculated from residual.

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
	Weed Code							-----	AMAPA	AGRASS	-----	AMAPA	AGRASS
	Crop Code							SORBI	-----	-----	SORBI	-----	-----
	Part Rated												
	Rating Data Type							Stunting	Control	Control	Stunting	Control	Control
	Rating Unit							%	%	%	%	%	%
	Rating Date							Jun-1-21	Jun-1-21	Jun-1-21	Jun-9-21	Jun-9-21	Jun-9-21
17	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	96.0 ab	0.0 d	99.0 a	56.7 def
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C						
	AGRIDEX			1.0	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	94.5 ab	0.0 d	99.0 a	73.3 a-e
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C						
	ALLY	60	DG	0.1	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	0.0 a	99.0 a	91.3 ab	0.0 d	99.0 a	80.0 a-e
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C						
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	0.0 a	97.7 a	94.3 ab	0.0 d	97.7 a	85.0 a-d
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C						
	CLARITY	4	SL	8.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
	LSD P=.10							.	8.88	19.50	5.10	16.96	30.32
	Standard Deviation							0.00	6.45	14.16	3.71	12.32	22.03
	CV							0.0	8.91	21.64	127.13	17.18	35.78
	Grand Mean							0.00	72.40	65.41	2.92	71.72	61.57
	Bartlett's X2^							.	83.055	.	30.77	62.201	34.315
	P(Bartlett's X2)							.	0.00*	.	0.043*	0.00*	0.017*

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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Missing data estimates are included in columns:Average=3
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^Calculated from residual.

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Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	MOLVE Control % Jun-9-21	SORBI Stunting % Jun-23-21	AMAPA Control % Jun-23-21	AGRASS Control % Jun-23-21	MOLVE Control % Jun-23-21
								7	8	9	10	11
1	IGROWTH ADV63189IG NTC							0.0 d	0.0 c	0.0 d	0.0 e	0.0 d
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	99.0 a	3.3 bc	99.0 a	51.7 bc	86.7 ab
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	66.3 b	6.7 abc	28.3 bc	16.7 de	49.7 c
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	74.7 b	11.7 ab	45.0 b	16.7 de	33.3 c
5	MOCCASIN II PLUS IMIFLEX	7.64 1	EC SL	16.0 9.0	oz/a oz/a	PRE PRE	A A	99.0 a	10.0 ab	99.0 a	91.3 a	78.0 b
6	MOCCASIN II PLUS IMIFLEX AGRIDEX	7.64 1	EC SL	16.0 6.0 1.0	oz/a oz/a % v/v	PRE POST POST	A C C	99.0 a	6.7 abc	99.0 a	82.7 a	99.0 a
7	MOCCASIN II PLUS IMIFLEX CLARITY INDUCE	7.64 1 4	EC SL SL	16.0 6.0 4.0 0.25	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	99.0 a	3.3 bc	99.0 a	71.3 ab	99.0 a
8	IMIFLEX AGRIDEX	1	SL	6.0 1.0	oz/a % v/v	EPOST EPOST	B B	50.0 c	0.0 c	16.7 cd	16.7 de	0.0 d
9	IMIFLEX AGRIDEX N-PAK AMS	1	SL	6.0 1.0 1.0	oz/a % v/v % v/v	EPOST EPOST EPOST	B B B	50.0 c	3.3 bc	16.7 cd	33.3 cd	0.0 d
10	MOCCASIN II PLUS ATRAZINE PROWL H20 AGRIDEX	7.64 4 3.8	EC L SC	16.0 48.0 32.0 1.0	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	99.0 a	6.7 abc	99.0 a	85.0 a	99.0 a
11	DOUBLE TEAM NTC SP-45-A45DT							0.0 d	0.0 c	0.0 d	0.0 e	0.0 d
12	DUAL II MAGNUM FIRSTACT (QUIZALOFOP AGRIDEX	7.64 0.88	EC EC	16.0 10.0 1.0	oz/a oz/a % v/v	PRE POST POST	A C C	99.0 a	0.0 c	99.0 a	78.3 ab	99.0 a
13	DUAL II MAGNUM FIRSTACT (QUIZALOFOP 2,4-D AMINE INDUCE	7.64 0.88 3.8	EC EC SL	16.0 10.0 16.0 0.25	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	99.0 a	5.0 abc	99.0 a	94.3 a	99.0 a
14	DUAL II MAGNUM FIRSTACT (QUIZALOFOP CLARITY INDUCE	7.64 0.88 4	EC EC SL	16.0 10.0 8.0 0.25	oz/a oz/a oz/a % v/v	PRE POST POST POST	A C C C	99.0 a	6.7 abc	96.3 a	94.3 a	99.0 a
15	DUAL II MAGNUM FIRSTACT (QUIZALOFOP CLARITY MOXY (BROMOXYNIL) INDUCE	7.64 0.88 4 2	EC EC SL EC	16.0 10.0 8.0 16.0 0.25	oz/a oz/a oz/a oz/a % v/v	PRE POST POST POST POST	A C C C C	99.0 a	6.7 abc	99.0 a	94.3 a	99.0 a
16	INZEN NTC 2073A598-02							0.0 d	0.0 c	0.0 d	0.0 e	0.0 d

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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Missing data estimates are included in columns:Average=3
Could not calculate LSD (% mean diff) for columns 1 because error mean square = 0.
^Calculated from residual.

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	7	8	9	10	11
	Weed Code							MOLVE	SORBI	AMAPA	AGRASS	MOLVE
	Crop Code											
	Part Rated											
	Rating Data Type							Control	Stunting	Control	Control	Control
	Rating Unit							%	%	%	%	%
	Rating Date							Jun-9-21	Jun-23-21	Jun-23-21	Jun-23-21	Jun-23-21
17	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	97.7 a	11.7 ab	99.0 a	80.0 a	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C					
	AGRIDEX			1.0	% v/v	POST	C					
	AMSOL 34%			2.5	% v/v	POST	C					
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	97.7 a	11.7 ab	99.0 a	80.0 a	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C					
	ALLY	60	DG	0.1	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
	AMSOL 34%			2.5	% v/v	POST	C					
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	99.0 a	13.3 a	97.7 a	86.7 a	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C					
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
	AMSOL 34%			2.5	% v/v	POST	C					
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	99.0 a	13.3 a	96.0 a	81.7 a	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C					
	CLARITY	4	SL	8.0	oz/a	POST	C					
	INDUCE			0.25	% v/v	POST	C					
	AMSOL 34%			2.5	% v/v	POST	C					
	LSD P=.10							11.27	8.46	23.21	28.28	18.50
	Standard Deviation							8.19	6.15	16.86	20.55	13.44
	CV							10.74	102.48	24.32	35.58	20.11
	Grand Mean							76.27	6.00	69.33	57.75	66.83
	Bartlett's X2^							60.362	26.893	49.681	45.363	49.10
	P(Bartlett's X2)							0.00*	0.107	0.00*	0.001*	0.00*

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Missing data estimates are included in columns:Average=3
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^Calculated from residual.

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	----- SORBI Chlorosi % Jun-23-21	AMAPA ---- -, C Control % Jul-16-21
								12	13
1	IGROWTH ADV63189IG NTC							0.0 e	0.0 c
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	1.7 e	99.0 a
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	1.7 e	31.7 b
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	1.7 e	28.3 b
5	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	1.7 e	99.0 a
	IMIFLEX	1	SL	9.0	oz/a	PRE	A		
6	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	3.3 e	99.0 a
	IMIFLEX	1	SL	6.0	oz/a	POST	C		
	AGRIDEX			1.0	% v/v	POST	C		
7	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	3.3 e	99.0 a
	IMIFLEX	1	SL	6.0	oz/a	POST	C		
	CLARITY	4	SL	4.0	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
8	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	3.3 e	0.0 c
	AGRIDEX			1.0	% v/v	EPOST	B		
9	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	3.3 e	13.3 bc
	AGRIDEX			1.0	% v/v	EPOST	B		
	N-PAK AMS			1.0	% v/v	EPOST	B		
10	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	3.3 e	99.0 a
	ATRAZINE	4	L	48.0	oz/a	POST	C		
	PROWL H20	3.8	SC	32.0	oz/a	POST	C		
	AGRIDEX			1.0	% v/v	POST	C		
11	DOUBLE TEAM NTC SP-45-A45DT							1.7 e	0.0 c
12	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	1.7 e	99.0 a
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C		
	AGRIDEX			1.0	% v/v	POST	C		
13	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	5.0 de	99.0 a
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C		
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
14	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	11.7 bc	99.0 a
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C		
	CLARITY	4	SL	8.0	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
15	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	10.0 cd	99.0 a
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C		
	CLARITY	4	SL	8.0	oz/a	POST	C		
	MOXY (BROMOXYNIL)	2	EC	16.0	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
16	INZEN NTC 2073A598-02							0.0 e	0.0 c

Means followed by same letter or symbol do not significantly differ (P=.10, LSD).
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Missing data estimates are included in columns:Average=3
Could not calculate LSD (% mean diff) for columns 1 because error mean square = 0.
^Calculated from residual.

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	----- SORBI Chlorosi % Jun-23-21 12	AMAPA ---- -, C Control % Jul-16-21 13
17	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	16.7 ab	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C		
	AGRIDEX			1.0	% v/v	POST	C		
	AMSOL 34%			2.5	% v/v	POST	C		
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	20.0 a	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C		
	ALLY	60	DG	0.1	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
	AMSOL 34%			2.5	% v/v	POST	C		
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	16.7 ab	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C		
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
	AMSOL 34%			2.5	% v/v	POST	C		
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	16.7 ab	99.0 a
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C		
	CLARITY	4	SL	8.0	oz/a	POST	C		
	INDUCE			0.25	% v/v	POST	C		
	AMSOL 34%			2.5	% v/v	POST	C		
LSD P=.10								5.35	20.77
Standard Deviation								3.89	15.08
CV								63.03	22.18
Grand Mean								6.17	68.02
Bartlett's X2^								16.507	66.483
P(Bartlett's X2)								0.623	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.
Missing data estimates are included in columns:Average=3
Could not calculate LSD (% mean diff) for columns 1 because error mean square = 0.
^Calculated from residual.

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For ----- SORBI Stunting % Jun-1-21 (Data Column 1)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	0.000000000000			
Replicate	2	0.000000000000	0.000000000000	0.000	1.0000
Treatment	19	0.000000000000	0.000000000000	0.000	1.0000
Error	38	0.000000000000	0.000000000000		

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	59	109460.400000			
Replicate	2	83.700000	41.850000	1.005	0.3754
Treatment	19	107795.066667	5673.424561	136.309	0.0001
Error	38	1581.633333	41.621930		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Jun-1-21 (Data Column 3)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	58	104185.245833			
Replicate	2	3140.908333	1570.454167	7.838	0.0015
Treatment	19	93630.745833	4927.933991	24.594	0.0001
Error	37	7413.591667	200.367342		

Randomized Complete Block (RCB) AOV For ----- SORBI Stunting % Jun-9-21 (Data Column 4)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	1314.583333			
Replicate	2	60.833333	30.416667	2.212	0.1234
Treatment	19	731.250000	38.486842	2.799	0.0034
Error	38	522.500000	13.750000		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control % Jun-9-21 (Data Column 5)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	97740.183333			
Replicate	2	418.133333	209.066667	1.377	0.2647
Treatment	19	91552.183333	4818.535965	31.735	0.0001
Error	38	5769.866667	151.838596		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Jun-9-21 (Data Column 6)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	79858.733333			
Replicate	2	7311.033333	3655.516667	7.533	0.0018
Treatment	19	54108.733333	2847.828070	5.869	0.0001
Error	38	18438.966667	485.235965		

Randomized Complete Block (RCB) AOV For MOLVE ----- Control % Jun-9-21 (Data Column 7)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	79417.733333			
Replicate	2	274.233333	137.116667	2.045	0.1434
Treatment	19	76595.066667	4031.319298	60.111	0.0001
Error	38	2548.433333	67.064035		

Randomized Complete Block (RCB) AOV For ----- SORBI Stunting % Jun-23-21 (Data Column 8)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	2840.000000			
Replicate	2	130.000000	65.000000	1.719	0.1928
Treatment	19	1273.333333	67.017544	1.773	0.0657
Error	38	1436.666667	37.807018		

Randomized Complete Block (RCB) AOV For AMAPA ----- Control % Jun-23-21 (Data Column 9)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	111733.333333			
Replicate	2	1071.233333	535.616667	1.884	0.1659
Treatment	19	99858.000000	5255.684211	18.485	0.0001
Error	38	10804.100000	284.318421		

Randomized Complete Block (RCB) AOV For AGRASS ----- Control % Jun-23-21 (Data Column 10)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	92331.250000			
Replicate	2	647.500000	323.750000	0.767	0.4715
Treatment	19	75643.916667	3981.258772	9.432	0.0001
Error	38	16039.833333	422.100877		

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Randomized Complete Block (RCB) AOV For MOLVE ----- Control % Jun-23-21 (Data Column 11)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	114808.333333			
Replicate	2	992.033333	496.016667	2.745	0.0770
Treatment	19	106950.333333	5628.964912	31.154	0.0001
Error	38	6865.966667	180.683333		

Randomized Complete Block (RCB) AOV For ----- SORBI Chlorosi % Jun-23-21 (Data Column 12)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	3068.333333			
Replicate	2	75.833333	37.916667	2.509	0.0947
Treatment	19	2418.333333	127.280702	8.424	0.0001
Error	38	574.166667	15.109649		

Randomized Complete Block (RCB) AOV For AMAPA ---- C Control % Jul-16-21 (Data Column 13)

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	59	119912.983333			
Replicate	2	653.333333	326.666667	1.436	0.2506
Treatment	19	110612.983333	5821.735965	25.585	0.0001
Error	38	8646.666667	227.543860		

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.

C = Crop is Part Rated

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5
	Weed Code								----- SORBI	AMAPA -----	AGRASS -----	----- SORBI	AMAPA -----
	Crop Code												
	Part Rated												
	Rating Data Type								Stunting	Control	Control	Stunting	Control
	Rating Unit								%	%	%	%	%
	Rating Date								Jun-1-21	Jun-1-21	Jun-1-21	Jun-9-21	Jun-9-21
1	IGROWTH							101	0.0	0.0	0.0	0.0	0.0
	ADV63189IG							210	0.0	0.0	0.0	0.0	0.0
	NTC							302	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	102	0.0	99.0	80.0	5.0	99.0
								209	0.0	99.0	99.0	0.0	99.0
								308	0.0	99.0	99.0	5.0	99.0
								Mean =	0.0	99.0	92.7	3.3	99.0
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	103	0.0	50.0	0.0	10.0	0.0
								208	0.0	50.0	50.0	0.0	0.0
								305	0.0	99.0	99.0	15.0	85.0
								Mean =	0.0	66.3	49.7	8.3	28.3
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	104	0.0	99.0	50.0	10.0	50.0
								207	0.0	90.0	50.0	5.0	50.0
								310	0.0	99.0	95.0	15.0	85.0
								Mean =	0.0	96.0	65.0	10.0	61.7
5	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	105	0.0	99.0	90.0	15.0	99.0
	IMIFLEX	1	SL	9.0	oz/a	PRE	A	206	0.0	99.0	99.0	0.0	99.0
								309	0.0	99.0	99.0	15.0	99.0
								Mean =	0.0	99.0	96.0	10.0	99.0
6	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	106	0.0	99.0	60.0	0.0	99.0
	IMIFLEX	1	SL	6.0	oz/a	POST	C	205	0.0	99.0	99.0	10.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	304	0.0	99.0	99.0	10.0	99.0
								Mean =	0.0	99.0	86.0	6.7	99.0
7	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	107	0.0	99.0	60.0	5.0	99.0
	IMIFLEX	1	SL	6.0	oz/a	POST	C	204	0.0	99.0	85.0	5.0	99.0
	CLARITY	4	SL	4.0	oz/a	POST	C	306	0.0	99.0	99.0	0.0	99.0
	INDUCE			0.25	% v/v	POST	C						
								Mean =	0.0	99.0	81.3	3.3	99.0
8	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	108	0.0	0.0	0.0	0.0	10.0
	AGRIDEX			1.0	% v/v	EPOST	B	203	0.0	0.0	0.0	5.0	30.0
								303	0.0	0.0	0.0	10.0	30.0
								Mean =	0.0	0.0	0.0	5.0	23.3
9	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	109	0.0	0.0	0.0	10.0	50.0
	AGRIDEX			1.0	% v/v	EPOST	B	202	0.0	0.0	0.0	5.0	30.0
	N-PAK AMS			1.0	% v/v	EPOST	B	301	0.0	0.0	0.0	0.0	30.0
								Mean =	0.0	0.0	0.0	5.0	36.7
10	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	110	0.0	99.0	70.0	10.0	99.0
	ATRAZINE	4	L	48.0	oz/a	POST	C	201	0.0	99.0	99.0	0.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	POST	C	307	0.0	99.0	99.0	5.0	99.0
	AGRIDEX			1.0	% v/v	POST	C						
								Mean =	0.0	99.0	89.3	5.0	99.0
11	DOUBLE TEAM							111	0.0	0.0	0.0	0.0	0.0
	NTC							215	0.0	0.0	0.0	0.0	0.0
	SP-45-A45DT							314	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
12	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	112	0.0	99.0	50.0	0.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	213	0.0	99.0	85.0	0.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	315	0.0	99.0	99.0	0.0	99.0
								Mean =	0.0	99.0	78.0	0.0	99.0

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	1	2	3	4	5
	Weed Code								----- SORBI	AMAPA -----	AGRASS -----	----- SORBI	AMAPA -----
	Crop Code												
	Part Rated												
	Rating Data Type								Stunting	Control	Control	Stunting	Control
	Rating Unit								%	%	%	%	%
	Rating Date								Jun-1-21	Jun-1-21	Jun-1-21	Jun-9-21	Jun-9-21
13	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	113	0.0	99.0	90.0	0.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	214	0.0	99.0	99.0	0.0	99.0
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	311	0.0	99.0	99.0	0.0	99.0
	INDUCE			0.25	% v/v	POST	C						
								Mean =	0.0	99.0	96.0	0.0	99.0
14	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	114	0.0	99.0	99.0	5.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	212	0.0	99.0	99.0	0.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	313	0.0	99.0	99.0	0.0	95.0
	INDUCE			0.25	% v/v	POST	C						
								Mean =	0.0	99.0	99.0	1.7	97.7
15	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	115	0.0	99.0	99.0	0.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	211	0.0	99.0	99.0	0.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	312	0.0	99.0	99.0	0.0	99.0
	MOXY (BROMOXYNIL)	2	EC	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
								Mean =	0.0	99.0	99.0	0.0	99.0
16	INZEN							116	0.0	0.0	0.0	0.0	0.0
	NTC							220	0.0	0.0	0.0	0.0	0.0
	2073A598-02							317	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
17	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	117	0.0	99.0	90.0	0.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	218	0.0	99.0	99.0	0.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	316	0.0	99.0	99.0	0.0	99.0
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	0.0	99.0	96.0	0.0	99.0
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	118	0.0	99.0	90.0	0.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	219	0.0	99.0	.	0.0	99.0
	ALLY	60	DG	0.1	oz/a	POST	C	320	0.0	99.0	99.0	0.0	99.0
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	0.0	99.0	94.5	0.0	99.0
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	119	0.0	99.0	90.0	0.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	217	0.0	99.0	85.0	0.0	99.0
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	318	0.0	99.0	99.0	0.0	99.0
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	0.0	99.0	91.3	0.0	99.0
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	120	0.0	99.0	99.0	0.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	216	0.0	99.0	99.0	0.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	319	0.0	95.0	85.0	0.0	95.0
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	0.0	97.7	94.3	0.0	97.7

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	AGRASS ----- Control % Jun-9-21 (6)	MOLVE ----- Control % Jun-9-21 (7)	----- SORBI Stunting % Jun-23-21 (8)	AMAPA ----- Control % Jun-23-21 (9)	AGRASS ----- Control % Jun-23-21 (10)
1	IGROWTH							101	0.0	0.0	0.0	0.0	0.0
	ADV63189IG							210	0.0	0.0	0.0	0.0	0.0
	NTC							302	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	102	50.0	99.0	0.0	99.0	0.0
								209	75.0	99.0	0.0	99.0	65.0
								308	95.0	99.0	10.0	99.0	90.0
								Mean =	73.3	99.0	3.3	99.0	51.7
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	103	50.0	99.0	0.0	0.0	50.0
								208	50.0	50.0	0.0	0.0	0.0
								305	50.0	50.0	20.0	85.0	0.0
								Mean =	50.0	66.3	6.7	28.3	16.7
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	104	75.0	99.0	20.0	50.0	50.0
								207	0.0	50.0	0.0	0.0	0.0
								310	50.0	75.0	15.0	85.0	0.0
								Mean =	41.7	74.7	11.7	45.0	16.7
5	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	105	99.0	99.0	20.0	99.0	85.0
	IMIFLEX	1	SL	9.0	oz/a	PRE	A	206	99.0	99.0	0.0	99.0	99.0
								309	99.0	99.0	10.0	99.0	90.0
								Mean =	99.0	99.0	10.0	99.0	91.3
6	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	106	0.0	99.0	0.0	99.0	50.0
	IMIFLEX	1	SL	6.0	oz/a	POST	C	205	99.0	99.0	10.0	99.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	304	99.0	99.0	10.0	99.0	99.0
								Mean =	66.0	99.0	6.7	99.0	82.7
7	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	107	0.0	99.0	0.0	99.0	30.0
	IMIFLEX	1	SL	6.0	oz/a	POST	C	204	85.0	99.0	10.0	99.0	85.0
	CLARITY	4	SL	4.0	oz/a	POST	C	306	99.0	99.0	0.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	C						
								Mean =	61.3	99.0	3.3	99.0	71.3
8	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	108	50.0	50.0	0.0	0.0	50.0
	AGRIDEX			1.0	% v/v	EPOST	B	203	50.0	50.0	0.0	0.0	0.0
								303	50.0	50.0	0.0	50.0	0.0
								Mean =	50.0	50.0	0.0	16.7	16.7
9	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	109	50.0	50.0	10.0	50.0	50.0
	AGRIDEX			1.0	% v/v	EPOST	B	202	50.0	50.0	0.0	0.0	0.0
	N-PAK AMS			1.0	% v/v	EPOST	B	301	75.0	50.0	0.0	0.0	50.0
								Mean =	58.3	50.0	3.3	16.7	33.3
10	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	110	85.0	99.0	20.0	99.0	75.0
	ATRAZINE	4	L	48.0	oz/a	POST	C	201	95.0	99.0	0.0	99.0	95.0
	PROWL H20	3.8	SC	32.0	oz/a	POST	C	307	85.0	99.0	0.0	99.0	85.0
	AGRIDEX			1.0	% v/v	POST	C						
								Mean =	88.3	99.0	6.7	99.0	85.0
11	DOUBLE TEAM							111	0.0	0.0	0.0	0.0	0.0
	NTC							215	0.0	0.0	0.0	0.0	0.0
	SP-45-A45DT							314	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
12	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	112	65.0	99.0	0.0	99.0	65.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	213	95.0	99.0	0.0	99.0	85.0
	AGRIDEX			1.0	% v/v	POST	C	315	95.0	99.0	0.0	99.0	85.0
								Mean =	85.0	99.0	0.0	99.0	78.3

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	AGRASS ----- Control % Jun-9-21	MOLVE ----- Control % Jun-9-21	----- SORBI Stunting % Jun-23-21	AMAPA ----- Control % Jun-23-21	AGRASS ----- Control % Jun-23-21
									6	7	8	9	10
13	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	113	65.0	99.0	0.0	99.0	85.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	214	99.0	99.0	10.0	99.0	99.0
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	311	99.0	99.0	5.0	99.0	99.0
	INDUCE			0.25	% v/v	POST	C						
								Mean =	87.7	99.0	5.0	99.0	94.3
14	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	114	85.0	99.0	10.0	99.0	85.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	212	99.0	99.0	10.0	95.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	313	95.0	99.0	0.0	95.0	99.0
	INDUCE			0.25	% v/v	POST	C						
								Mean =	93.0	99.0	6.7	96.3	94.3
15	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	115	50.0	99.0	10.0	99.0	85.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	211	99.0	99.0	10.0	99.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	312	99.0	99.0	0.0	99.0	99.0
	MOXY (BROMOXYNIL)	2	EC	16.0	oz/a	POST	C						
	INDUCE			0.25	% v/v	POST	C						
								Mean =	82.7	99.0	6.7	99.0	94.3
16	INZEN							116	0.0	0.0	0.0	0.0	0.0
	NTC							220	0.0	0.0	0.0	0.0	0.0
	2073A598-02							317	0.0	0.0	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0	0.0	0.0
17	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	117	0.0	99.0	15.0	99.0	65.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	218	75.0	99.0	10.0	99.0	85.0
	AGRIDEX			1.0	% v/v	POST	C	316	95.0	95.0	10.0	99.0	90.0
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	56.7	97.7	11.7	99.0	80.0
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	118	60.0	99.0	15.0	99.0	85.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	219	75.0	99.0	10.0	99.0	75.0
	ALLY	60	DG	0.1	oz/a	POST	C	320	85.0	95.0	10.0	99.0	80.0
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	73.3	97.7	11.7	99.0	80.0
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	119	60.0	99.0	20.0	99.0	85.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	217	85.0	99.0	10.0	99.0	85.0
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	318	95.0	99.0	10.0	95.0	90.0
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	80.0	99.0	13.3	97.7	86.7
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	120	85.0	99.0	20.0	99.0	85.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	216	85.0	99.0	10.0	99.0	75.0
	CLARITY	4	SL	8.0	oz/a	POST	C	319	85.0	99.0	10.0	90.0	85.0
	INDUCE			0.25	% v/v	POST	C						
	AMSOL 34%			2.5	% v/v	POST	C						
								Mean =	85.0	99.0	13.3	96.0	81.7

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	MOLVE ----- Control % Jun-23-21 (11)	----- SORBI ----- Chlorosi % Jun-23-21 (12)	AMAPA ---- -, C Control % Jul-16-21 (13)
1	IGROWTH							101	0.0	0.0	0.0
	ADV63189IG							210	0.0	0.0	0.0
	NTC							302	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0
2	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	102	90.0	0.0	99.0
								209	85.0	5.0	99.0
								308	85.0	0.0	99.0
								Mean =	86.7	1.7	99.0
3	IMIFLEX	1	SL	6.0	oz/a	PRE	A	103	99.0	0.0	0.0
								208	0.0	0.0	0.0
								305	50.0	5.0	95.0
								Mean =	49.7	1.7	31.7
4	IMIFLEX	1	SL	9.0	oz/a	PRE	A	104	50.0	5.0	20.0
								207	0.0	0.0	0.0
								310	50.0	0.0	65.0
								Mean =	33.3	1.7	28.3
5	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	105	85.0	5.0	99.0
	IMIFLEX	1	SL	9.0	oz/a	PRE	A	206	50.0	0.0	99.0
								309	99.0	0.0	99.0
								Mean =	78.0	1.7	99.0
6	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	106	99.0	0.0	99.0
	IMIFLEX	1	SL	6.0	oz/a	POST	C	205	99.0	5.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	304	99.0	5.0	99.0
								Mean =	99.0	3.3	99.0
7	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	107	99.0	5.0	99.0
	IMIFLEX	1	SL	6.0	oz/a	POST	C	204	99.0	5.0	99.0
	CLARITY	4	SL	4.0	oz/a	POST	C	306	99.0	0.0	99.0
	INDUCE			0.25	% v/v	POST	C				
								Mean =	99.0	3.3	99.0
8	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	108	0.0	5.0	0.0
	AGRIDEX			1.0	% v/v	EPOST	B	203	0.0	0.0	0.0
								303	0.0	5.0	0.0
								Mean =	0.0	3.3	0.0
9	IMIFLEX	1	SL	6.0	oz/a	EPOST	B	109	0.0	10.0	40.0
	AGRIDEX			1.0	% v/v	EPOST	B	202	0.0	0.0	0.0
	N-PAK AMS			1.0	% v/v	EPOST	B	301	0.0	0.0	0.0
								Mean =	0.0	3.3	13.3
10	MOCCASIN II PLUS	7.64	EC	16.0	oz/a	PRE	A	110	99.0	10.0	99.0
	ATRAZINE	4	L	48.0	oz/a	POST	C	201	99.0	0.0	99.0
	PROWL H20	3.8	SC	32.0	oz/a	POST	C	307	99.0	0.0	99.0
	AGRIDEX			1.0	% v/v	POST	C				
								Mean =	99.0	3.3	99.0
11	DOUBLE TEAM							111	0.0	0.0	0.0
	NTC							215	0.0	5.0	0.0
	SP-45-A45DT							314	0.0	0.0	0.0
								Mean =	0.0	1.7	0.0
12	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	112	99.0	0.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	213	99.0	5.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	315	99.0	0.0	99.0
								Mean =	99.0	1.7	99.0

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WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	Appl Code	Plot	MOLVE ----- Control % Jun-23-21	----- SORBI ---- Chlorosi % Jun-23-21	AMAPA ---- -, C Control % Jul-16-21
	Weed Code								MOLVE	-----	AMAPA
	Crop Code								-----	SORBI	----
	Part Rated										-, C
	Rating Data Type								Control	Chlorosi	Control
	Rating Unit								%	%	%
	Rating Date								Jun-23-21	Jun-23-21	Jul-16-21
									11	12	13
13	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	113	99.0	5.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	214	99.0	5.0	99.0
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	311	99.0	5.0	99.0
	INDUCE			0.25	% v/v	POST	C				
								Mean =	99.0	5.0	99.0
14	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	114	99.0	20.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	212	99.0	5.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	313	99.0	10.0	99.0
	INDUCE			0.25	% v/v	POST	C				
								Mean =	99.0	11.7	99.0
15	DUAL II MAGNUM	7.64	EC	16.0	oz/a	PRE	A	115	99.0	20.0	99.0
	FIRSTACT (QUIZALOFOP	0.88	EC	10.0	oz/a	POST	C	211	99.0	5.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	312	99.0	5.0	99.0
	MOXY (BROMOXYNIL)	2	EC	16.0	oz/a	POST	C				
	INDUCE			0.25	% v/v	POST	C				
								Mean =	99.0	10.0	99.0
16	INZEN							116	0.0	0.0	0.0
	NTC							220	0.0	0.0	0.0
	2073A598-02							317	0.0	0.0	0.0
								Mean =	0.0	0.0	0.0
17	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	117	99.0	20.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	218	99.0	20.0	99.0
	AGRIDEX			1.0	% v/v	POST	C	316	99.0	10.0	99.0
	AMSOL 34%			2.5	% v/v	POST	C				
								Mean =	99.0	16.7	99.0
18	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	118	99.0	20.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	219	99.0	20.0	99.0
	ALLY	60	DG	0.1	oz/a	POST	C	320	99.0	20.0	99.0
	INDUCE			0.25	% v/v	POST	C				
	AMSOL 34%			2.5	% v/v	POST	C				
								Mean =	99.0	20.0	99.0
19	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	119	99.0	15.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	217	99.0	15.0	99.0
	2,4-D AMINE	3.8	SL	16.0	oz/a	POST	C	318	99.0	20.0	99.0
	INDUCE			0.25	% v/v	POST	C				
	AMSOL 34%			2.5	% v/v	POST	C				
								Mean =	99.0	16.7	99.0
20	EVERPREX	7.62	EC	16.0	oz/a	PRE	A	120	99.0	15.0	99.0
	ZEST (NICOSULFURON)	75	WG	0.67	oz/a	POST	C	216	99.0	15.0	99.0
	CLARITY	4	SL	8.0	oz/a	POST	C	319	99.0	20.0	99.0
	INDUCE			0.25	% v/v	POST	C				
	AMSOL 34%			2.5	% v/v	POST	C				
								Mean =	99.0	16.7	99.0

University of Georgia

WEED CONTROL IN GRAIN SORGHUM WITH NEW SYSTEMS
IGROWTH, DOUBLE TEAM, INZEN
Trial ID: GS-02-21 Study Dir.: BRENT BEAN/UNITED SORGHUM CHECKOFF
Location: PONDER FARM Investigator: Eric P. Prostko

Weed Code
AMAPA = AMARANTH, PALMER / AMARANTHUS PALMERI S.WATS.
MOLVE = CARPETWEED / MOLLUGO VERTICILLATA L.

C = Crop is Part Rated