

Program Approaches with New Isoxadifen Product Blends.

Project Code: 07-2C-MW80 Location: Belleville Research Center  
 Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA  
 Trial Status: Final Updated: 1-23-08

**Objective:**

To determine the level of weed control with standard programs involving the new isoxadifen blends Steadfast, Stout, Resolve and Rim/dicamba blends.

Weed Code	Common Name	Scientific Name
1. SETFA	foxtail, giant	Setaria faberi Herrm.
2. AMATA	waterhemp, common	Amaranthus rudis Sauer
3. CHEAL	lambsquarters, common	Chenopodium album L.
4. ABUTH	velvetleaf	Abutilon theophrasti Medicus
5. AMBEL	ragweed, common	Ambrosia artemisiifolia L.
6. IPOHE	morningglory, ivyleaf	Ipomoea hederacea (L.) Jacq.
7. IPOLA	morningglory, pitted	Ipomoea lacunosa L.

Crop 1: ZEAMX corn, field Variety: 33K44  
 Planting Method: Seeded Planting Date: 5-24-07  
 Rate: 28000 S/A Depth: 1.5 IN  
 Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 28 FT Reps: 3  
 Tillage Type: Reduced-Till Study Design: Randomized complete block  
 Previous Crop, Year: ZEAMX, 2006  
 Field Prep./Maintenance: N 150 LB/A, P205 0 LB/A, K20 100 LB/A

Soil Name: Weir % OM: 2.2 pH: 6.2 CEC: 8  
 Texture: Silt loam Fert. Level: P1: 117 LB/A, K: 318 LB/A

**APPLICATION DESCRIPTION**

	A	B
Application Date:	5-24-07	6-9-07
Time of Day:	18:30	10:00
Application Method:	Spray	Spray
Application Timing:	PRE	V2-3
Applic. Placement:	BROSOI	BROFOL
Air Temp., Unit:	72 F	78 F
% Relative Humidity:	80	40
Wind Velocity, Unit:	5-7 MPH	0 MPH
Dew Presence (Y/N):	N	N
Soil Moisture:	NORMAL	NORMAL
% Cloud Cover:	80	0

**CROP STAGE AT EACH APPLICATION**

	A	B
Crop 1 Code, Stage:	ZEAMX NA	ZEAMX V2-V3
Height, Unit:	NA NA	6-8 IN

**WEED STAGE AT EACH APPLICATION**

	A	B
Weed 1 Code:		SETFA
Stage(leaves):		2-4
Height(inches):		1-3
Density:		Low
Weed 2 Code:		AMATA
Stage(leaves):		2-6
Height(inches):		0-2
Density:		Medium
Weed 3 Code:		CHEAL
Stage(leaves):		2-8
Height(inches):		0-2
Density:		Low
Weed 4 Code:		ABUTH
Stage(leaves):		2-5
Height(inches):		0-3
Density:		Medium
Weed 5 Code:		AMBEL
Stage(leaves):		2-5
Height(inches):		0-2
Density:		Low
Weed 6 Code:		IPOHE
Stage(leaves):		2-6
Height(inches):		1-2
Density:		Low

**APPLICATION EQUIPMENT**

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002
Boom Length, Unit:	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA

NOTES:

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Weed Code  
 Crop Code  
 Rating Data Type  
 Rating Unit  
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 Trt-Eval Interval

ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX  
 Moisture Yield Injury Injury Injury Injury  
 Percent bu/A Percent Percent Percent Percent  
 10-4-07 10-4-07 6-16-07 6-23-07 7-7-07 8-4-07  
 7 DA-B 14 DA-B 28 DA-B 56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code						
1	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	16.8 a	171 a-d	1 ab	0 a	0 a	0 a
1	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
1	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
1	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
1	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
1	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
2	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	16.4 a	182 a	0 b	1 a	0 a	0 a
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
2	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
2	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
2	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
2	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
3	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B	16.6 a	156 d	0 b	0 a	0 a	0 a
3	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
3	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
3	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
3	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
3	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
4	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	16.5 a	179 ab	2 a	0 a	0 a	0 a
4	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B						
4	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
4	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
4	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
4	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
4	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
5	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	16.4 a	164 bcd	0 b	0 a	0 a	0 a
5	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
5	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
5	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
6	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	16.4 a	169 a-d	0 b	0 a	0 a	0 a
6	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B						
6	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
6	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
6	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
7	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B	16.5 a	169 a-d	2 a	0 a	0 a	0 a
7	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
7	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
8	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	17.4 a	178 abc	3 a	0 a	0 a	0 a
8	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B						
8	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
8	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
8	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
9	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	16.7 a	172 a-d	1 ab	0 a	0 a	0 a
9	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
9	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
9	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B						
9	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
9	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						

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Weed Code  
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 Rating Date  
 Trt-Eval Interval

ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX ZEAMX  
 Moisture Yield Injury Injury Injury Injury  
 Percent bu/A Percent Percent Percent Percent  
 10-4-07 10-4-07 6-16-07 6-23-07 7-7-07 8-4-07  
 7 DA-B 14 DA-B 28 DA-B 56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code						
10	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	16.6 a	173 abc	0 b	1 a	0 a	0 a
10	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
10	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
10	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
10	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
11	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	17.3 a	170 a-d	1 ab	0 a	0 a	0 a
11	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
11	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
11	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
11	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
11	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
11	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B	16.7 a	162 cd	0 b	0 a	0 a	0 a
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
13	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	17.0 a	166 a-d	0 b	1 a	0 a	0 a
13	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
13	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
14	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B	16.9 a	168 a-d	0 b	0 a	0 a	0 a
14	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
14	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	16.9 a	170 a-d	1 ab	0 a	0 a	0 a
15	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	PRE	A						
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
15	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
16	NONTREATED									16.0 a	85 e	0 b	0 a	0 a	0 a
LSD (P=.05)										1.44	16.4	1.8	1.3	0.0	0.0
Replicate F										14.650	0.889	1.479	1.000	0.000	0.000
Replicate Prob(F)										0.0001	0.4214	0.2439	0.3798	1.0000	1.0000
Treatment F										0.495	15.013	2.157	0.867	0.000	0.000
Treatment Prob(F)										0.9244	0.0001	0.0356	0.6040	1.0000	1.0000

Means followed by same letter do not significantly differ (P=.05, LSD)

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Weed Code	SETFA	SETFA	SETFA	AMATA	AMATA	AMATA
Crop Code	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit	6-23-07	7-7-07	8-4-07	6-23-07	7-7-07	8-4-07
Rating Date	14 DA-B	28 DA-B	56 DA-B	14 DA-B	28 DA-B	56 DA-B
Trt-Eval Interval						

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code						
1	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	99 a	98 a	98 ab	99 a	99 a	99 a
1	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
1	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
1	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
1	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
1	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
2	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	98 a	98 a	99 a	99 a	99 a
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
2	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
2	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
2	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
2	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
3	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B	98 b	98 ab	98 ab	99 a	97 ab	97 abc
3	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
3	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
3	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
3	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
3	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
4	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 ab	98 a	98 a	99 a	99 ab	98 a
4	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B						
4	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
4	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
4	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
4	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
4	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
5	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	99 ab	98 ab	97 b	99 a	97 b	93 c
5	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
5	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
5	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
6	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 ab	98 ab	98 ab	99 a	98 ab	96 abc
6	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B						
6	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
6	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
6	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
7	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B	99 ab	97 b	98 ab	99 a	97 ab	97 abc
7	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
7	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
8	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	98 ab	98 ab	99 a	98 ab	98 ab
8	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B						
8	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
8	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
8	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
9	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	99 a	98 ab	98 ab	99 a	99 ab	98 ab
9	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
9	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
9	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B						
9	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
9	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						

Program Approaches with New Isoxadifen Product Blends.

Project Code: 07-2C-MW80 Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	SETFA	SETFA	SETFA	AMATA	AMATA	AMATA
Crop Code						
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	6-23-07	7-7-07	8-4-07	6-23-07	7-7-07	8-4-07
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	SETFA	SETFA	SETFA	AMATA	AMATA	AMATA
10	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	99 a	97 b	98 ab	99 a	99 ab	98 a
10	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
10	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
10	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
10	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
11	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	98 ab	98 ab	99 a	99 a	99 a
11	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
11	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
11	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
11	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
11	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
11	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B	99 ab	98 ab	97 b	99 a	97 b	95 abc
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
13	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	98 ab	98 ab	99 a	98 ab	98 ab
13	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
13	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
14	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B	98 b	98 ab	98 ab	99 a	98 ab	97 ab
14	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
14	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	99 a	98 a	98 ab	99 a	97 ab	94 bc
15	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	PRE	A						
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
15	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
16	NONTREATED									0 c	0 c	0 c	0 b	0 c	0 d
LSD (P=.05)										0.6	0.9	0.8	0.5	1.9	4.0
Replicate F										4.765	5.282	5.112	1.000	0.703	1.650
Replicate Prob(F)										0.0160	0.0108	0.0123	0.3798	0.5029	0.2090
Treatment F										15504.896	6079.846	7221.314	22013.451	1417.697	303.547
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

Program Approaches with New Isoxadifen Product Blends.

Project Code: 07-2C-MW80 Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	CHEAL	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH
Crop Code						
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	6-23-07	7-7-07	8-4-07	6-23-07	7-7-07	8-4-07
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	CHEAL	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH
1	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	96 abc	96 a-d
1	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
1	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
1	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
1	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
1	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
2	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	97 ab	98 ab
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
2	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
2	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
2	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
2	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
3	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	97 ab	97 a-d
3	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
3	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
3	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
3	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
3	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
4	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	97 ab	97 abc
4	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B						
4	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
4	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
4	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
4	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
4	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
5	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	99 a	99 a	99 a	97 b	96 abc	93 a-e
5	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
5	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
5	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
6	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	97 b	92 de	88 def
6	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B						
6	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
6	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
6	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
7	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B	99 a	98 b	98 ab	98 ab	96 a-d	93 a-e
7	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
7	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
8	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	98 b	98 b	97 b	93 cde	83 f
8	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B						
8	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
8	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
8	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
9	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	97 ab	98 ab
9	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
9	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
9	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B						
9	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
9	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						

Program Approaches with New Isoxadifen Product Blends.

Project Code: 07-2C-MW80 Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	CHEAL	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH
Crop Code						
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	6-23-07	7-7-07	8-4-07	6-23-07	7-7-07	8-4-07
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	CHEAL	CHEAL	CHEAL	ABUTH	ABUTH	ABUTH
10	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	98 a	98 a
10	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
10	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
10	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
10	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
11	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	96 a-d	97 a-d
11	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
11	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
11	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
11	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
11	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
11	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B	99 a	99 a	99 a	97 b	94 b-e	89 c-f
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
13	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	97 ab	92 de	89 b-f
13	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
13	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
14	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B	99 a	99 a	99 a	99 a	97 ab	97 abc
14	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
14	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	99 a	99 a	99 a	97 b	91 e	86 ef
15	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	PRE	A						
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
15	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
16	NONTREATED									0 b	0 c	0 c	0 c	0 f	0 g
LSD (P=.05)										0.3	0.6	0.7	1.8	3.6	8.6
Replicate F										0.484	1.000	1.552	2.202	6.739	2.206
Replicate Prob(F)										0.6211	0.3798	0.2284	0.1281	0.0038	0.1277
Treatment F										42644.360	12574.744	11378.062	1488.424	374.754	63.782
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

Program Approaches with New Isoxadifen Product Blends.

Project Code: 07-2C-MW80 Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	AMBEL	AMBEL	AMBEL	IPOSS	IPOSS	IPOSS
Crop Code						
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	6-23-07	7-7-07	8-4-07	6-23-07	7-7-07	8-4-07
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	AMBEL	AMBEL	AMBEL	IPOSS	IPOSS	IPOSS
1	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	99 a	99 a	99 a	99 ab	93 b-e	95 abc
1	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
1	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
1	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
1	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
1	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
2	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	99 ab	96 ab	97 a
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
2	ACCENT	75	WG	0.0234	lb ai/a	0.5	oz/a	V2-3	B						
2	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
2	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
2	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
2	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
3	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	96 ab	96 ab
3	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
3	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
3	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
3	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
3	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
3	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
4	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	97 a	97 a
4	ACCENT	75	WG	0.0312	lb ai/a	0.67	oz/a	V2-3	B						
4	HARMONY GT XP	50	SG	0.00375	lb ai/a	0.12	oz/a	V2-3	B						
4	DPX-4145	50	WG	0.00625	lb ai/a	0.2	oz/a	V2-3	B						
4	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
4	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
4	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
4	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
5	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	93 a-e	89 bcd
5	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
5	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
5	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
5	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
6	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	95 a-d	93 a-d
6	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B						
6	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
6	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
6	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
6	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
7	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B	99 a	99 a	99 a	98 ab	91 e	93 a-d
7	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
7	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
7	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
8	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	93 a-e	89 cd
8	DPX-E9636	25	WG	0.0143	lb ai/a	0.915	oz/a	V2-3	B						
8	HARMONY GT XP	50	SG	0.00312	lb ai/a	0.1	oz/a	V2-3	B						
8	DPX-4145	50	WG	0.0072	lb ai/a	0.23	oz/a	V2-3	B						
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
8	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
8	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
9	DPX-E9636	25	WG	0.0119	lb ai/a	0.76	oz/a	V2-3	B	99 a	99 a	99 a	99 a	96 abc	97 a
9	HARMONY GT XP	50	SG	0.00256	lb ai/a	0.082	oz/a	V2-3	B						
9	DPX-4145	50	WG	0.00594	lb ai/a	0.19	oz/a	V2-3	B						
9	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B						
9	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
9	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	V2-3	B						
9	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						



Program Approaches with New Isoxadifen Product Blends.

Project Code: 07-2C-MW80 Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	AMBEL	AMBEL	AMBEL	IPOSS	IPOSS	IPOSS
Crop Code						
Rating Data Type	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	6-23-07	7-7-07	8-4-07	6-23-07	7-7-07	8-4-07
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	AMBEL	AMBEL	AMBEL	IPOSS	IPOSS	IPOSS
10	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B	99 a	99 a	99 a	99 a	97 a	97 a
10	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
10	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
10	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
10	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
10	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
10	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
11	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	99 ab	97 a	97 a
11	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	V2-3	B						
11	DICAMBA	70	WG	0.121	lb ai/a	2.77	oz/a	V2-3	B						
11	DPX-4145	50	WG	0.0078	lb ai/a	0.25	oz/a	V2-3	B						
11	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B						
11	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B						
11	DESTINY MSO	100	LIQ	1.0	% v/v	1	% v/v	V2-3	B						
11	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B	99 a	99 a	99 a	98 ab	92 de	87 d
12	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
13	CINCH	7.64	EC	0.955	lb ai/a	1	pt/a	PRE	A	99 a	99 a	99 a	98 ab	90 e	89 bcd
13	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
13	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
14	LIBERTY	1.67	EC	0.417	lb ai/a	32	fl oz/a	V2-3	B	99 a	99 a	99 a	99 a	96 ab	97 a
14	AATREX	90	WG	0.75	lb ai/a	13.3	oz/a	V2-3	B						
14	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	99 a	99 a	99 a	97 b	92 cde	90 bcd
15	AATREX	90	WG	0.5	lb ai/a	8.9	oz/a	PRE	A						
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B						
15	AMS	100	DRY	2.0	lb ai/a	2	lb/a	V2-3	B						
16	NONTREATED									0 b	0 b	0 b	0 c	0 f	0 e
LSD (P=.05)										0.0	0.0	0.0	1.4	4.0	7.3
Replicate F										0.000	0.000	0.000	0.208	1.101	1.128
Replicate Prob(F)										1.0000	1.0000	1.0000	0.8134	0.3454	0.3371
Treatment F										0.000	0.000	0.000	2591.485	295.566	88.701
Treatment Prob(F)										1.0000	1.0000	1.0000	0.0001	0.0001	0.0001

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: DuPont (07-013).
2. Ratings: CI 7 DA POST; CI/WC at 14, 28 + 56 DA POST;  
Monitor tassel emergence and ear development.
3. Yield.
4. DA-B = Days after V2-3 application.
5. IPOSS was IPOHE (ivyleaf morningglory) and IPOLA (pitted morningglory).
6. Harvested 10-4-07, (2) 30 inch rows by 25 ft.