

DuPont Isoxadifen Product Blends.

Trial ID: 08-22-N80 Location: Belleville Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu  
 City State Zip Country: Belleville IL 62221 USA  
 Trial Status: PRELIMINARY Initiation Date: 06-12-08

Objectives: Evaluate the level of weed control with standard programs involving the new isoxadifen blends: Steadfast Q, Resolve Q, Require Q and Prequel.

Crop 1: ZEAMD Dent corn Variety: DKC 61-73 RR2/YGCB  
 Planting Method: SEEDED Planting Date: 06-12-08  
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN  
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: SETFA Setaria faberi Herrm. foxtail, giant  
 Pest 2 Type: W Code: IPOHE Ipomoea hederacea (L.) jacq. morningglory, annual  
 Pest 3 Type: W Code: AMARE Amaranthus retroflexus L. pigweed, redroot

Plot Width, Unit: 10 FT Site Type: FIELD  
 Plot Length, Unit: 27 FT Tillage Type: REDUCED-TILL  
 Replications: 3 Study Design: Randomized Complete Block

Prior Crops, Year  
 1. GLXMA 2007

Field Prep./Maintenance: N 150 LB/A, P2O5 0 LB/A, K2O 150 LB/A

% OM: 2.1 Texture: SILT LOAM  
 pH: 6.5 Soil Name: CASEYVILLE  
 CEC: 10 Fert. Level: P1: 99 LB/A, K: 493 LB/A

Application Description

	A	B
Application Date:	06-12-08	06-23-08
Time of Day:	22:15	15:30
Application Method:	Spray	Spray
Application Timing:	PRE	V2-3
Application Placement:	BROSIOI	BROFOL
Applied By:	DKT	DKT
Air Temperature, Unit:	84 F	84 F
% Relative Humidity:	83	40
Wind Velocity, Unit:	6 MPH	5 MPH
Dew Presence (Y/N):	N	N
Soil Temperature, Unit:	80 F	80 F

	A	B
Crop stage at application:	NA	V2
Height Min, Max (inch):	3	6

Pest Stage At Each Application

	06-12-08	06-23-08
Application Date:	06-12-08	06-23-08
Weed Code:	SETFA	SETFA
Stage Majority (leaves):	NA	1
Stage Min, Max:		1 3
Height Majority:		1 IN
Height Min, Max:		0.5 3
Density, Unit:		1 FT2
Weed Code:	IPOHE	IPOHE
Stage Majority (leaves):	NA	3
Stage Min, Max:		2 3
Height Majority:		1.5 IN
Height Min, Max:		0.5 2
Density, Unit:		1 FT2
Weed Code:	AMARE	AMARE
Stage Majority (leaves):	NA	NA

Application Equipment

	CO2 sprayer	CO2 sprayer
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 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

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Pest Code  
 Crop Code  
 Rating Date  
 Rating Data Type  
 Rating Unit  
 Rating Timing  
 Trt-Eval Interval

ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD
06-23-08	07-01-08	07-07-08	07-21-08	08-18-08
Injury	Injury	Injury	Injury	Injury
Percent	Percent	Percent	Percent	Percent
	14 DAE			
0 DA-B	7 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	STEADFAST Q	37.55	WG			1.5	oz/a	V2-3	B		0 a	0 a	0 a	0 a
1	DPX-E9636	25	WG	0.0118	lb ai/a			V2-3	B					
1	ACCENT	75	WG	0.0234	lb ai/a			V2-3	B					
1	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B					
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B					
1	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
1	DESTINY MSO	100	SL	1	% v/v	1	% v/v	V2-3	B					
1	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
2	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	0 a	0 a	0 a	0 a	0 a
2	STEADFAST Q	37.55	WG			1.5	oz/a	V2-3	B					
2	DPX-E9636	25	WG	0.0118	lb ai/a			V2-3	B					
2	ACCENT	75	WG	0.0234	lb ai/a			V2-3	B					
2	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B					
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B					
2	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
2	DESTINY MSO	100	SL	1	% v/v	1	% v/v	V2-3	B					
2	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
3	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B		0 a	0 a	0 a	0 a
3	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B					
3	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B					
3	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B					
3	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
3	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
4	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	0 a	0 a	0 a	0 a	0 a
4	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B					
4	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B					
4	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B					
4	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B					
4	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
4	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
5	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B		0 a	0 a	0 a	0 a
5	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B					
5	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B					
5	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B					
5	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
5	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
6	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	0 a	0 a	0 a	0 a	0 a
6	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B					
6	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B					
6	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B					
6	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B					
6	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
6	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B		0 a	0 a	0 a	0 a
7	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
8	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	0 a	0 a	0 a	0 a	0 a
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
8	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
9	PREQUEL	45	WG			2.5	oz/a	PRE	A	0 a	0 a	0 a	0 a	0 a
9	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A					
9	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A					
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
9	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					

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Pest Code	Crop Code	Rating Date	Rating Data Type	Rating Unit	Rating Timing	Trt-Eval Interval	ZEAMD 06-23-08	ZEAMD 07-01-08	ZEAMD 07-07-08	ZEAMD 07-21-08	ZEAMD 08-18-08
							Injury Percent	Injury Percent	Injury Percent	Injury Percent	Injury Percent
							14 DAE	14 DAE	14 DAE	28 DA-B	56 DA-B
							0 DA-B	7 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
10	PREQUEL	45	WG			2.5	oz/a	PRE	A	0 a	0 a	0 a	0 a	0 a
10	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A					
10	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A					
10	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B					
10	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B					
10	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B					
10	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B					
10	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
10	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
11	PREQUEL	45	WG			2.5	oz/a	PRE	A	0 a	0 a	0 a	0 a	0 a
11	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A					
11	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A					
11	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B					
11	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B					
11	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B					
11	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B					
11	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B					
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B					
11	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B					
12	NONTREATED									0 a	0 a	0 a	0 a	0 a
LSD (P=.05)										0.0	0.0	0.0	0.0	0.0
Replicate F										0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000	1.0000	1.0000

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

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Pest Code	SETFA	SETFA	SETFA	SETFA	IPOHE	IPOHE	IPOHE	IPOHE
Crop Code	06-23-08	07-07-08	07-21-08	08-18-08	06-23-08	07-07-08	07-21-08	08-18-08
Rating Date	Control	Control	Control	Control	Control	Control	Control	Control
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit								
Rating Timing								
Trt-Eval Interval	0 DA-B	14 DA-B	28 DA-B	56 DA-B	0 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
1	STEADFAST Q	37.55	WG			1.5	oz/a	V2-3	B		94 b	88 d	90 d		88 ab	83 cd	75 d
1	DPX-E9636	25	WG	0.0118	lb ai/a			V2-3	B								
1	ACCENT	75	WG	0.0234	lb ai/a			V2-3	B								
1	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B								
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B								
1	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
1	DESTINY MSO	100	SL		1 % v/v		1 % v/v	V2-3	B								
1	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
2	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	70 a	99 a	96 a	97 ab	0 a	88 ab	87 a-d	87 bc
2	STEADFAST Q	37.55	WG			1.5	oz/a	V2-3	B								
2	DPX-E9636	25	WG	0.0118	lb ai/a			V2-3	B								
2	ACCENT	75	WG	0.0234	lb ai/a			V2-3	B								
2	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B								
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B								
2	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
2	DESTINY MSO	100	SL		1 % v/v		1 % v/v	V2-3	B								
2	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
3	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B		96 ab	91 a-d	92 cd		84 bc	82 d	83 c
3	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B								
3	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B								
3	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B								
3	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
3	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
4	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	85 a	99 a	96 ab	98 a	0 a	91 ab	89 ab	90 ab
4	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B								
4	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B								
4	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B								
4	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B								
4	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
4	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
5	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B		96 ab	88 d	93 bcd		89 ab	88 abc	90 ab
5	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B								
5	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B								
5	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B								
5	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
5	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
6	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	87 a	99 a	96 ab	96 ab	0 a	92 a	90 a	95 a
6	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B								
6	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B								
6	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B								
6	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B								
6	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
6	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B		87 c	67 e	73 e		77 c	63 f	63 f
7	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
8	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	83 a	98 a	95 abc	97 ab	0 a	78 c	75 e	70 de
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
8	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								
9	PREQUEL	45	WG			2.5	oz/a	PRE	A	83 a	94 b	91 bcd	95 abc	0 a	77 c	73 e	68 ef
9	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A								
9	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A								
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
9	N-PAK AMS	100	SL		4 % v/v		4 % v/v	V2-3	B								

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Crop Code								
Rating Date	06-23-08	07-07-08	07-21-08	08-18-08	06-23-08	07-07-08	07-21-08	08-18-08
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Timing								
Trt-Eval Interval	0 DA-B	14 DA-B	28 DA-B	56 DA-B	0 DA-B	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
10	PREQUEL	45	WG			2.5	oz/a	PRE	A	83 a	98 a	92 a-d	95 abc	0 a	88 ab	85 a-d	90 ab
10	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A								
10	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A								
10	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B								
10	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B								
10	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B								
10	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B								
10	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B								
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
10	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B								
11	PREQUEL	45	WG			2.5	oz/a	PRE	A	88 a	99 a	90 cd	97 ab	0 a	89 ab	84 bcd	90 ab
11	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A								
11	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A								
11	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B								
11	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B								
11	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B								
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11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B								
11	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B								
12	NONTREATED									0 b	0 d	0 f	0 f	0 a	0 d	0 g	0 g
LSD (P=.05)										27.4	3.2	5.4	4.2	0.0	7.5	5.5	5.1
Replicate F										0.556	2.806	5.055	1.484	0.000	5.165	3.156	1.299
Replicate Prob(F)										0.5855	0.0821	0.0156	0.2485	1.0000	0.0145	0.0624	0.2930
Treatment F										10.887	659.259	221.048	370.780	0.000	97.228	174.861	219.042
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	1.0000	0.0001	0.0001	0.0001

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

DuPont Isoxadifen Product Blends.

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Location: Belleville Res. Center

Pest Code	AMARE	AMARE	AMARE
Crop Code			
Rating Date	07-07-08	07-21-08	08-18-08
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Timing			
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	STEADFAST Q	37.55	WG			1.5	oz/a	V2-3	B	99 a	99 a	99 a
1	DPX-E9636	25	WG	0.0118	lb ai/a			V2-3	B			
1	ACCENT	75	WG	0.0234	lb ai/a			V2-3	B			
1	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B			
1	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B			
1	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
1	DESTINY MSO	100	SL	1	% v/v	1	% v/v	V2-3	B			
1	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
2	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	99 a	99 a	99 a
2	STEADFAST Q	37.55	WG			1.5	oz/a	V2-3	B			
2	DPX-E9636	25	WG	0.0118	lb ai/a			V2-3	B			
2	ACCENT	75	WG	0.0234	lb ai/a			V2-3	B			
2	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B			
2	IMPACT	2.8	SC	0.0109	lb ai/a	0.5	fl oz/a	V2-3	B			
2	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
2	DESTINY MSO	100	SL	1	% v/v	1	% v/v	V2-3	B			
2	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
3	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B	99 a	99 a	99 a
3	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B			
3	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B			
3	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B			
3	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
3	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
3	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
4	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	99 a	99 a	99 a
4	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B			
4	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B			
4	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B			
4	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B			
4	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
4	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
4	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
5	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B	99 a	99 a	99 a
5	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B			
5	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B			
5	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B			
5	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
5	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
5	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
6	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	99 a	99 a	99 a
6	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B			
6	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B			
6	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B			
6	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B			
6	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
6	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
6	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B	99 a	99 a	99 a
7	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
8	CINCH ATZ	5.5	SC	1.37	lb ai/a	1	qt/a	PRE	A	99 a	99 a	99 a
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
8	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
9	PREQUEL	45	WG			2.5	oz/a	PRE	A	99 a	99 a	99 a
9	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A			
9	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A			
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
9	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			

## DuPont Isoxadifen Product Blends.

Trial ID: 08-22-N80

Location: Belleville Res. Center

Pest Code	AMARE	AMARE	AMARE
Crop Code			
Rating Date	07-07-08	07-21-08	08-18-08
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Timing			
Trt-Eval Interval	14 DA-B	28 DA-B	56 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
10	PREQUEL	45	WG			2.5	oz/a	PRE	A	99 a	99 a	99 a
10	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A			
10	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A			
10	RESOLVE Q	22.4	WG			1.25	oz/a	V2-3	B			
10	DPX-E9636	25	WG	0.01431	lb ai/a			V2-3	B			
10	HARMONY SG	50	SG	0.00313	lb ai/a			V2-3	B			
10	DPX-4145	50	WG	0.00719	lb ai/a			V2-3	B			
10	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
10	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
11	PREQUEL	45	WG			2.5	oz/a	PRE	A	99 a	99 a	99 a
11	DPX-E9636	25	WG	0.0234	lb ai/a			PRE	A			
11	BALANCE PRO	4	SC	0.047	lb ai/a			PRE	A			
11	REQUIRE Q	54.24	WG			4	oz/a	V2-3	B			
11	DPX-E9636	25	WG	0.0156	lb ai/a			V2-3	B			
11	DICAMBA	70	WG	0.12	lb ai/a			V2-3	B			
11	DPX-4145	50	WG	0.0078	lb ai/a			V2-3	B			
11	AATREX NINE-O	90	WG	0.5	lb ai/a	8.9	oz/a	V2-3	B			
11	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	V2-3	B			
11	N-PAK AMS	100	SL	4	% v/v	4	% v/v	V2-3	B			
12	NONTREATED									0 b	0 b	0 b
LSD (P=.05)										0.0	0.0	0.0
Replicate F										0.000	0.000	0.000
Replicate Prob(F)										1.0000	1.0000	1.0000
Treatment F										0.000	0.000	0.000
Treatment Prob(F)										1.0000	1.0000	1.0000

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

## Trial Comments

1. Protocol: DuPont (08-115).
2. Ratings: CI at 14 DAE; CI/WC prior to POST and 14, 28 + 56 DA"B".
3. Monitor tassel emergence and ear development.
4. DA-B = Days after V2-3 application. DAE = Days after crop emergence.
5. At the Belleville Research Center the above normal rainfall in spring 2008 (no more than four consecutive rain-free days between March 22 and June 15) delayed corn and soybean planting until mid-June.
6. Following the PRE application on June 12, rainfall was 0.29 inch 8 days later and 0.35 inch 15 days later.  
For weed control ratings on 06-23-08 weed pressure was very low for both grass and broadleaf weeds.  
For weed control ratings on 07-07-08 weed pressure had increased for grasses and was somewhat low for broadleaf weeds.
7. Not harvested.