

DuPont Sales Support Corn Herbicide Programs.

Trial ID: 15-24B-W80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Trial Status: F one-year/final
Initiation Date: 6-12-15
Completion Date: 10-12-15

Trial Location

City: Belleville **Country:** USA
State/Prov.: Illinois IL
Postal Code: 62221

Objectives:

Demonstrate weed control with DuPont corn herbicide programs.

Contacts

Study Director: Ronald F. Krausz **Title:** Researcher/Farm Manager
Organization: Belleville Research Center - Southern Illinois Univ Carbondale
Address: 2036 Charles Lane **Phone No.:** 618-566-4761
City+State/Prov: Belleville, IL
Postal Code: 62221 **E-mail:** rkrausz@siu.edu
Country: USA

Crop Description

Crop 1: ZEAMD Zea mays indentata **Dent corn**
Variety: P1197 AMX **BBCH Scale:** BCOR
Description: LL/RR2
Planting Rate, Unit: 30000 S/A **Planting Date:** 6-12-15
Depth, Unit: 1.5 IN **Planting Method:** SEEDED
Row Spacing, Unit: 30 IN

Pest Description

Pest 1 Type: W **Code:** IPOHE *Ipomoea hederacea* (L.) Jacq.
Common Name: morningglory, ivyleaf
Pest 2 Type: W **Code:** AMBTR *Ambrosia trifida* L.
Common Name: ragweed, giant
Pest 3 Type: W **Code:** AMATA *Amaranthus rudis* Sauer
Common Name: waterhemp, common
Pest 4 Type: W **Code:** ABUTH *Abutilon theophrasti* Medik.
Common Name: velvetleaf
Pest 5 Type: D **Code:** CERCZM *Cercospora zea-maydis*
Common Name: Grey leaf spot of maize

Site and Design

Treated Plot Width: 7.5 FT **Total Plot Width:** 10 FT **Site Type:** FIELD
Treated Plot Length: 27 FT **Total Plot Length:** 27 FT **Experimental Unit:** 1 PLOT
Tillage Type: REDTIL reduced-till
Replications: 3 **Study Design:** RACOB� Randomized Complete Block (RCB)
Untreated Arrangement: INCLUDED single control randomized in each block

No.	Previous Crop	Year
1.	GLXMA	2014

Maintenance

No.	Maintenance Product Name
1.	N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A

Soil Description

Description Name: 24B_2013
% OM: 3 **Texture:** SIL silt loam
pH: 6.5 **Soil Name:** Bethalto
CEC: 12

Additional Measured Elements

Element	Quantity	Unit
P1	56	lb/A
K	297	lb/A

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Overall Moisture Conditions: ABONOR						Moisture and Weather Conditions				
Closest Weather Station: ICN - Belleville IL						Distance, Unit: 0.5 MI				
No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	4-1-15					7	DAY	33	76	F
2.	4-2-15	0.84	IN	RAIN	rain	2	DAY			
3.	4-6-15	0.95	IN	RAIN	rain	4	DAY			
4.	4-8-15					7	DAY	43	78	F
5.	4-13-15	1.02	IN	RAIN	rain	1	DAY			
6.	4-15-15					7	DAY	42	79	F
7.	4-19-15	0.42	IN	RAIN	rain	1	DAY			
8.	4-22-15					7	DAY	36	77	F
9.	4-25-15	0.35	IN	RAIN	rain	1	DAY			
10.	4-29-15					7	DAY	36	84	F
11.	5-6-15					7	DAY	49	85	F
12.	5-8-15	4.09	IN	RAIN	rain	4	DAY			
13.	5-13-15					7	DAY	45	83	F
14.	5-14-15	0.33	IN	RAIN	rain	4	DAY			
15.	5-20-15					7	DAY	44	85	F
16.	5-20-15	0.16	IN	RAIN	rain	1	DAY			
17.	5-24-15	0.89	IN	RAIN	rain	1	DAY			
18.	5-26-15	0.59	IN	RAIN	rain	2	DAY			
19.	5-27-15					7	DAY	55	84	F
20.	5-29-15	2.15	IN	RAIN	rain	2	DAY			
21.	6-3-15					7	DAY	53	89	F
22.	6-5-15	0.17	IN	RAIN	rain	1	DAY			
23.	6-8-15	0.66	IN	RAIN	rain	1	DAY			
24.	6-10-15					7	DAY	64	91	F
25.	6-14-15	0.16	IN	RAIN	rain	1	DAY			
26.	6-15-15	0.11	IN	RAIN	rain	1	DAY			
27.	6-16-15	2.25	IN	RAIN	rain	1	DAY			
28.	6-17-15					7	DAY	69	91	F
29.	6-17-15	0.09	IN	RAIN	rain	1	DAY			
30.	6-18-15	0.14	IN	RAIN	rain	1	DAY			
31.	6-19-15	3.29	IN	RAIN	rain	1	DAY			
32.	6-20-15	0.2	IN	RAIN	rain	2	DAY			
33.	6-24-15					7	DAY	62	93	F
34.	6-25-15	1.66	IN	RAIN	rain	2	DAY			
35.	6-28-15	0.6	IN	RAIN	rain	2	DAY			
36.	7-1-15					7	DAY	63	88	F
37.	7-1-15	0.64	IN	RAIN	rain	2	DAY			
38.	7-7-15	1.33	IN	RAIN	rain	2	DAY			
39.	7-8-15					7	DAY	59	97	F
40.	7-10-15	0.26	IN	RAIN	rain	1	DAY			
41.	7-15-15					7	DAY	69	93	F
42.	7-19-15	0.35	IN	RAIN	rain	2	DAY			
43.	7-22-15					7	DAY	65	95	F
44.	7-26-15	1.21	IN	RAIN	rain	3	DAY			
45.	7-29-15					7	DAY	65	93	F
46.	8-5-15					7	DAY	64	88	F
47.	8-5-15	2.25	IN	RAIN	rain	1	DAY			
48.	8-9-15	0.47	IN	RAIN	rain	1	DAY			
49.	8-12-15					7	DAY	63	89	F
50.	8-18-15	2.23	IN	RAIN	rain	2	DAY			
51.	8-19-15					7	DAY	52	82	F
52.	8-22-15	0.18	IN	RAIN	rain	1	DAY			

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53.	8-26-15					7	DAY	54	91	F
54.	9-2-15					7	DAY	68	94	F
55.	9-8-15	1.93	IN	RAIN	rain	2	DAY			
56.	9-9-15					7	DAY	47	83	F
57.	9-11-15	0.4	IN	RAIN	rain	1	DAY			
58.	9-16-15					7	DAY	51	90	F
59.	9-19-15	0.14	IN	RAIN	rain	1	DAY			
60.	9-23-15					7	DAY	54	85	F
61.	9-28-15	0.13	IN	RAIN	rain	1	DAY			

Application Description

	A	B	C
Application Date:	6-13-15	6-24-15	6-30-15
Appl. Start Time:	14:30	9:15	9:50
Appl. Stop Time:	15:00	9:25	10:05
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	V2	V4
Application Placement:	BROSOI	BROFOL	BROFOL
Applied By:	EJM	MEJ	MEJ
Air Temperature, Unit:	87 F	80 F	80 F
% Relative Humidity:	63	72	72
Wind Velocity, Unit:	10 MPH	7 MPH	1 MPH
Wind Direction:	S	S	W
Dew Presence (Y/N):	N	N	N
Soil Temperature, Unit:	75 F	77 F	76 F
Soil Moisture:	NORMAL	ABONOR	ABONOR
% Cloud Cover:	50	70	100
Next Moisture Occurred On:	6-14-15	6-25-15	7-1-15
Time to Next Moisture, Unit:	19 HR	34 HR	19 HR

Crop Stage At Each Application

	A	B	C
Crop 1 Code, BBCH Scale:	ZEAMD	ZEAMD	ZEAMD
Stage Scale Used:	DESC	DESC	DESC
Stage Majority, Percent:	NA	V2	V4
Stage Minimum, Percent:		V2	V4
Stage Maximum, Percent:		V2	V4
Height, Unit:		6 IN	8 IN
Height Minimum, Maximum:		3 6	6 8

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Pest Stage At Each Application			
	A	B	C
Pest 1 Code, Type, Scale:	IPOHE W	IPOHE W	IPOHE W
Stage Majority, Percent:	NA	4	2
Stage Minimum, Percent:		2	2
Stage Maximum, Percent:		4	4
Height, Unit:		2.5 IN	1 IN
Height Minimum, Maximum:		0.5 2.5	1 1.5
Density, Unit:		0.1 FT2	0.001 FT2
Pest 2 Code, Type, Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:	NA	4	NA
Stage Minimum, Percent:		4	
Stage Maximum, Percent:		6	
Height, Unit:		2.5 IN	
Height Minimum, Maximum:		2.5 3	
Density, Unit:		0.01 FT2	
Pest 3 Code, Type, Scale:	AMATA W	AMATA W	AMATA W
Stage Majority, Percent:	NA	NA	NA
Pest 4 Code, Type, Scale:	ABUTH W	ABUTH W	ABUTH W
Stage Majority, Percent:	NA	3	3
Stage Minimum, Percent:		2	2
Stage Maximum, Percent:		4	4
Height, Unit:		1 IN	1 IN
Height Minimum, Maximum:		0.5 1.5	0.5 1
Density, Unit:		0.01 FT2	0.001 FT2
Pest 5 Code, Type, Scale:	CERCZM D	CERCZM D	CERCZM D
Stage Majority, Percent:	NA	NA	NA

Application Equipment			
	A	B	C
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Equipment Type:	BACSPR	BACSPR	BACSPR
Operation Pressure, Unit:	30 PSI	30 PSI	30 PSI
Nozzle Type:	XR	XR	XR
Nozzle Size:	8002	8002	8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

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Pest Code								ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD		
Crop Code								10-12-15	10-12-15	10-12-15	6-26-15	6-30-15		
Rating Date								Moisture	Test wt.	Yield	Injury	Injury		
Rating Type								Percent	lb/bu	bu/A	Percent	Percent		
Rating Unit											14 DAP	6 DA-B		
Rating Timing											13 DA-A	0 DA-C		
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	CINCH ATZ	5.5	SC	2.06	lb ai/a	1.5	qt/a	PRE	A	22.4 a	54.8 a	128 a	0 a	0 a
	REALM Q	38.75	WG	0.097	lb ai/a	4	oz/a	V4	C					
	AATREX 4L	4	SC	1	lb ai/a	1	qt/a	V4	C					
	ABUNDIT EXTRA	3	SL	0.75	lb ae/a	32	fl oz/a	V4	C					
	APROACH	2.08	SC	0.0488	lb ai/a	3	fl oz/a	V4	C					
2	CINCH ATZ	5.5	SC	3.44	lb ai/a	2.5	qt/a	V2	B	21.9 a	55.0 a	123 a	0 a	0 a
	REALM Q	38.75	WG	0.097	lb ai/a	4	oz/a	V2	B					
	AATREX 4L	4	SC	1	lb ai/a	1	qt/a	V2	B					
	ABUNDIT EXTRA	3	SL	0.75	lb ae/a	32	fl oz/a	V2	B					
	APROACH	2.08	SC	0.0488	lb ai/a	3	fl oz/a	V2	B					
3	BREAKFREE NXT ATZ	5.6	SC	3.5	lb ai/a	2.5	qt/a	PRE	A	21.8 a	55.0 a	134 a	0 a	0 a
	REALM Q	38.75	WG	0.097	lb ai/a	4	oz/a	V4	C					
	AATREX 4L	4	SC	1	lb ai/a	1	qt/a	V4	C					
	ABUNDIT EXTRA	3	SL	0.75	lb ae/a	32	fl oz/a	V4	C					
	APROACH	2.08	SC	0.0488	lb ai/a	3	fl oz/a	V4	C					
4	CINCH ATZ	5.5	SC	3.44	lb ai/a	2.5	qt/a	PRE	A	22.3 a	54.8 a	115 a	0 a	0 a
	INSTIGATE	45.84	WG	0.172	lb ai/a	6	oz/a	PRE	A					
	AATREX 4L	4	SC	0.5	lb ai/a	1	pt/a	PRE	A					
	ABUNDIT EXTRA	3	SL	0.75	lb ae/a	32	fl oz/a	V4	C					
	APROACH	2.08	SC	0.0488	lb ai/a	3	fl oz/a	V4	C					
5	NONTREATED									18.5 a	56.3 a	74 a	0	0
LSD P=.05								6.37	2.49	55.5	.	.		
Standard Deviation								3.19	1.25	27.8	0.0	0.0		
CV								14.91	2.26	24.22	0.0	0.0		
Replicate F								1.077	1.105	0.446	0.000	0.000		
Replicate Prob(F)								0.3984	0.3905	0.6598	1.0000	1.0000		
Treatment F								0.796	0.755	2.203	0.000	0.000		
Treatment Prob(F)								0.5690	0.5901	0.1851	1.0000	1.0000		

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

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=6,7,9

Could not calculate LSD (% mean diff) for columns 10,15,20,35,25,38,30,41,11,16,21,26,31,12,17,22,27,32,13,18,23,28,33,14,19,24,29,34,36,37,39,40,42 because error mean square = 0.

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Pest Code							ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	
Crop Code							Injury	Injury	Injury	Injury	Injury	ZEAMD	
Rating Date							Percent	Percent	Percent	Percent	Percent	9-4-15	
Rating Type							14 DA-B	21 DA-B	28 DA-B	35 DA-B	56 DA-B	Injury	
Rating Unit							14 DA-C	21 DA-C	28 DA-C	35 DA-C	56 DA-C	Percent	
Rating Timing							14 DA-C	21 DA-C	28 DA-C	35 DA-C	56 DA-C	72 DA-B	
Trt-Eval Interval							14 DA-C	21 DA-C	28 DA-C	35 DA-C	56 DA-C	66 DA-C	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	CINCH ATZ	5.5	SC	2.06 lb ai/a	1.5 qt/a		PRE	A	0 a	0 a	0 a	0 a	
	REALM Q	38.75	WG	0.097 lb ai/a	4 oz/a		V4	C					
	AATREX 4L	4	SC	1 lb ai/a	1 qt/a		V4	C					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32 fl oz/a		V4	C					
	APROACH	2.08	SC	0.0488 lb ai/a	3 fl oz/a		V4	C					
2	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5 qt/a		V2	B	0 a	0 a	0 a	0 a	
	REALM Q	38.75	WG	0.097 lb ai/a	4 oz/a		V2	B					
	AATREX 4L	4	SC	1 lb ai/a	1 qt/a		V2	B					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32 fl oz/a		V2	B					
	APROACH	2.08	SC	0.0488 lb ai/a	3 fl oz/a		V2	B					
3	BREAKFREE NXT ATZ	5.6	SC	3.5 lb ai/a	2.5 qt/a		PRE	A	0 a	0 a	0 a	0 a	
	REALM Q	38.75	WG	0.097 lb ai/a	4 oz/a		V4	C					
	AATREX 4L	4	SC	1 lb ai/a	1 qt/a		V4	C					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32 fl oz/a		V4	C					
	APROACH	2.08	SC	0.0488 lb ai/a	3 fl oz/a		V4	C					
4	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5 qt/a		PRE	A	0 a	0 a	0 a	0 a	
	INSTIGATE	45.84	WG	0.172 lb ai/a	6 oz/a		PRE	A					
	AATREX 4L	4	SC	0.5 lb ai/a	1 pt/a		PRE	A					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32 fl oz/a		V4	C					
	APROACH	2.08	SC	0.0488 lb ai/a	3 fl oz/a		V4	C					
5	NONTREATED							0	0 a	0	0 a	0	0 a
LSD P=.05									0.0	0.0	0.0	0.0	
Standard Deviation									0.0	0.0	0.0	0.0	
CV									0.0	0.0	0.0	0.0	
Replicate F									0.000	0.000	0.000	0.000	
Replicate Prob(F)									1.0000	1.0000	1.0000	1.0000	
Treatment F									0.000	0.000	0.000	0.000	
Treatment Prob(F)									1.0000	1.0000	1.0000	1.0000	

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Pest Code							IPOHE	IPOHE	IPOHE	IPOHE	IPOHE
Crop Code							6-26-15	6-30-15			
Rating Date							Control	Control	Control	Control	Control
Rating Type							Percent	Percent	Percent	Percent	Percent
Rating Unit							14 DAP	6 DA-B	14 DA-B	28 DA-B	56 DA-B
Rating Timing							13 DA-A	0 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	CINCH ATZ	5.5	SC	2.06 lb ai/a	1.5	qt/a	PRE	A	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C			
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C			
2	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	V2	B	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V2	B			
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V2	B			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V2	B			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V2	B			
3	BREAKFREE NXT ATZ	5.6	SC	3.5 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C			
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C			
4	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a
	INSTIGATE	45.84	WG	0.172 lb ai/a	6	oz/a	PRE	A			
	AATREX 4L	4	SC	0.5 lb ai/a	1	pt/a	PRE	A			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C			
5	NONTREATED								0	0	0
LSD P=.05							.	.	.	.	.
Standard Deviation							0.0	0.0	0.0	0.0	0.0
CV							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

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Pest Code							AMBTR	AMBTR	AMBTR	AMBTR	AMBTR		
Crop Code							6-26-15	6-30-15					
Rating Date							Control	Control	Control	Control	Control		
Rating Type							Percent	Percent	Percent	Percent	Percent		
Rating Unit							14 DAP	6 DA-B	14 DA-B	28 DA-B	56 DA-B		
Rating Timing							13 DA-A	0 DA-C	14 DA-C	28 DA-C	56 DA-C		
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	CINCH ATZ	5.5	SC	2.06 lb ai/a	1.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C					
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C					
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C					
2	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	V2	B	99 a	99 a	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V2	B					
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V2	B					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V2	B					
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V2	B					
3	BREAKFREE NXT ATZ	5.6	SC	3.5 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C					
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C					
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C					
4	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	INSTIGATE	45.84	WG	0.172 lb ai/a	6	oz/a	PRE	A					
	AATREX 4L	4	SC	0.5 lb ai/a	1	pt/a	PRE	A					
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C					
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C					
5	NONTREATED								0	0	0	0	0
LSD P=.05							.	.	.	.	.
Standard Deviation							0.0	0.0	0.0	0.0	0.0		
CV							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		

DuPont Sales Support Corn Herbicide Programs.

Trial ID: 15-24B-W80 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							AMATA	AMATA	AMATA	AMATA	AMATA			
Crop Code							6-26-15	6-30-15						
Rating Date							Control	Control	Control	Control	Control			
Rating Type							Percent	Percent	Percent	Percent	Percent			
Rating Unit							14 DAP	6 DA-B	14 DA-B	28 DA-B	56 DA-B			
Rating Timing							13 DA-A	0 DA-C	14 DA-C	28 DA-C	56 DA-C			
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
1	CINCH ATZ	5.5	SC	2.06 lb ai/a	1.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C						
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C						
2	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	V2	B	99 a	99 a	99 a	99 a	99 a	
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V2	B						
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V2	B						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V2	B						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V2	B						
3	BREAKFREE NXT ATZ	5.6	SC	3.5 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C						
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C						
4	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	
	INSTIGATE	45.84	WG	0.172 lb ai/a	6	oz/a	PRE	A						
	AATREX 4L	4	SC	0.5 lb ai/a	1	pt/a	PRE	A						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C						
5	NONTREATED								0	0	0	0	0	
LSD P=.05						
Standard Deviation							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CV							0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Replicate F							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)							1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F							0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)							1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

DuPont Sales Support Corn Herbicide Programs.

Trial ID: 15-24B-W80 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							ABUTH	ABUTH	ABUTH	ABUTH	ABUTH
Crop Code							6-26-15	6-30-15			
Rating Date							Control	Control	Control	Control	Control
Rating Type							Percent	Percent	Percent	Percent	Percent
Rating Unit							14 DAP	6 DA-B	14 DA-B	28 DA-B	56 DA-B
Rating Timing							13 DA-A	0 DA-C	14 DA-C	28 DA-C	56 DA-C
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	CINCH ATZ	5.5	SC	2.06 lb ai/a	1.5	qt/a	PRE	A	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C			
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C			
2	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	V2	B	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V2	B			
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V2	B			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V2	B			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V2	B			
3	BREAKFREE NXT ATZ	5.6	SC	3.5 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C			
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C			
4	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	PRE	A	99 a	99 a	99 a
	INSTIGATE	45.84	WG	0.172 lb ai/a	6	oz/a	PRE	A			
	AATREX 4L	4	SC	0.5 lb ai/a	1	pt/a	PRE	A			
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C			
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C			
5	NONTREATED								0	0	0
LSD P=.05							0.0	0.0	0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0	0.0	0.0
CV							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

DuPont Sales Support Corn Herbicide Programs.

Trial ID: 15-24B-W80 Location: Belleville Res. Center Trial Year: 2015
 Investigator: Ronald F. Krausz

Pest Code							CERCZM	CERCZM	CERCZM	CERCZM	CERCZM	CERCZM		
Crop Code							ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD		
Rating Date											9-4-15	9-4-15		
Rating Type							Incidence	Severity	Incidence	Severity	Incidence	Severity		
Rating Unit							Percent	Percent	Percent	Percent	Percent	Percent		
Rating Timing							21 DA-B	21 DA-B	35 DA-B	35 DA-B	72 DA-B	72 DA-B		
Trt-Eval Interval							21 DA-C	21 DA-C	35 DA-C	35 DA-C	66 DA-C	66 DA-C		
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
1	CINCH ATZ	5.5	SC	2.06 lb ai/a	1.5	qt/a	PRE	A	0 a	0 a	0 a	0 a	2 a	5 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C						
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C						
2	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	V2	B	0 a	0 a	0 a	0 a	2 a	2 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V2	B						
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V2	B						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V2	B						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V2	B						
3	BREAKFREE NXT ATZ	5.6	SC	3.5 lb ai/a	2.5	qt/a	PRE	A	0 a	0 a	0 a	0 a	2 a	3 a
	REALM Q	38.75	WG	0.097 lb ai/a	4	oz/a	V4	C						
	AATREX 4L	4	SC	1 lb ai/a	1	qt/a	V4	C						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C						
4	CINCH ATZ	5.5	SC	3.44 lb ai/a	2.5	qt/a	PRE	A	0 a	0 a	0 a	0 a	2 a	2 a
	INSTIGATE	45.84	WG	0.172 lb ai/a	6	oz/a	PRE	A						
	AATREX 4L	4	SC	0.5 lb ai/a	1	pt/a	PRE	A						
	ABUNDIT EXTRA	3	SL	0.75 lb ae/a	32	fl oz/a	V4	C						
	APROACH	2.08	SC	0.0488 lb ai/a	3	fl oz/a	V4	C						
5	NONTREATED								0 a	0 a	0 a	0 a	2 a	3 a
LSD P=.05														2.2
Standard Deviation									0.0	0.0	0.0	0.0	0.0	1.2
CV									0.0	0.0	0.0	0.0	0.0	38.73
Replicate F									0.000	0.000	0.000	0.000	0.000	0.444
Replicate Prob(F)									1.0000	1.0000	1.0000	1.0000	1.0000	0.6561
Treatment F									0.000	0.000	0.000	0.000	0.000	3.333
Treatment Prob(F)									1.0000	1.0000	1.0000	1.0000	1.0000	0.0692

DuPont Sales Support Corn Herbicide Programs.

Trial ID: 15-24B-W80 Location: Belleville Res. Center Trial Year: 2015
Investigator: Ronald F. Krausz

Trial Comments

1. Protocol: DuPont (Sales Support).
2. Ratings:
CI 14 and 28 DA-A, 14, 28, and 56 DA-B, and 14, 28, and 56 DA-C.
WC 14 and 28 DA-A, 14, 28, and 56 DA-B, and 0, 14, 28, and 56 DA-C.
DI/DS 21 and 35 DA-B, and 21 and 35 DA-C
Rate WC prior to POST C.
3. Yield.
4. Photos.
5. Rainfall following the PRE application was 0.16 inch over 1 day beginning 19 hours later.
Rainfall following the V2 application was 1.66 inch over 2 days beginning 34 hours later.
Rainfall following the V4 application was 0.64 inch over 2 days beginning 19 hours later.
6. Ratings at 14 DA-B and 14 DA-C were on 7-8-15 and 7-14-15, respectively.
Ratings at 21 DA-B and 21 DA-C were on 7-15-15 and 7-21-15, respectively.
Ratings at 28 DA-B and 28 DA-C were on 7-22-15 and 7-28-15, respectively.
Ratings at 35 DA-B and 35 DA-C were on 7-29-15 and 8-4-15, respectively.
Ratings at 56 DA-B and 56 DA-C were on 8-19-15 and 8-25-15, respectively.
7. Harvested 10-12-15, (2) 30 inch rows by 24 ft.