

Acuron Herbicide for Weed Control in Corn.

Trial ID: 14-21S-ME50 Location: Belleville Res. Center Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Status: F one-year/final Initiation Date: 5-11-14 Completion Date: 10-7-14	
City: Belleville Country: USA State/Prov.: Illinois IL Postal Code: 62221	Trial Location

Objectives: To evaluate Acuron herbicide applied preemergence for weed control and crop safety in corn.

Study Director: Ronald F. Krausz Organization: Belleville Research Center - Southern Illinois Univ Carbondale Address: 2036 Charles Lane City+State/Prov: Belleville, IL Postal Code: 62221 Country: USA	Contacts Title: Researcher/Farm Manager Phone No.: 618-566-4761 E-mail: rkrausz@siu.edu
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Crop 1: ZEAMD Zea mays indentata Dent corn Variety: DKC 63-33 BBCH Scale: BCOR Description: SS RIB Planting Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN Row Spacing, Unit: 30 IN	Crop Description Planting Date: 5-11-14 Planting Method: SEEDED
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Pest 1 Type: W Code: SETFA Setaria faberi Herrm. Common Name: foxtail, giant Pest 2 Type: W Code: XANST Xanthium strumarium L. Common Name: cocklebur, common Pest 3 Type: W Code: IPOHE Ipomoea hederacea (L.) Jacq. Common Name: morningglory, ivyleaf Pest 4 Type: W Code: AMBTR Ambrosia trifida L. Common Name: ragweed, giant Pest 5 Type: W Code: AMATA Amaranthus rudis Sauer Common Name: waterhemp, common	Pest Description
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Treated Plot Width: 7.5 FT Total Plot Width: 10 FT Treated Plot Length: 30 FT Total Plot Length: 30 FT Replications: 4 Untreated Arrangement: INCLUDED single control randomized in each block	Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: REDTIL reduced-till Study Design: RACOB L Randomized Complete Block (RCB)
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No.	Previous Crop	Year
1.	GLXMA	2013

Maintenance <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 5%;">No.</th> <th style="width: 95%;">Maintenance Product Name</th> </tr> <tr> <td>1.</td> <td>N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A</td> </tr> </table>	No.	Maintenance Product Name	1.	N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A
No.	Maintenance Product Name			
1.	N 150 LB/A, P2O5 50 LB/A, K2O 150 LB/A			

Description Name: After planting, before herbs. % Sand: 10 % OM: 3.2 Texture: SIL silt loam % Silt: 72.5 pH: 5.9 Soil Name: Bethalto % Clay: 17.5 CEC: 12	Soil Description
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Additional Measured Elements <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 25%;">Element</th> <th style="width: 25%;">Quantity</th> <th style="width: 50%;">Unit</th> </tr> <tr> <td>P1</td> <td>83</td> <td>lb/A</td> </tr> <tr> <td>K</td> <td>484</td> <td>lb/A</td> </tr> </table>	Element	Quantity	Unit	P1	83	lb/A	K	484	lb/A
Element	Quantity	Unit							
P1	83	lb/A							
K	484	lb/A							

Overall Moisture Conditions: NORMAL Closest Weather Station: ICN - Belleville IL	Moisture and Weather Conditions Distance, Unit: 0.5 MI
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No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	4-15-14					7	DAY	31	79	F
2.	4-21-14	0.17	IN	RAIN	rain	2	DAY			
3.	4-22-14					7	DAY	44	78	F
4.	4-24-14	2.24	IN	RAIN	rain	5	DAY			
5.	4-29-14	0.09	IN	RAIN	rain	2	DAY			
6.	4-29-14					7	DAY	41	87	F
7.	5-6-14					7	DAY	56	86	F
8.	5-8-14	0.13	IN	RAIN	rain	2	DAY			
9.	5-12-14	0.88	IN	RAIN	rain	4	DAY			
10.	5-13-14					7	DAY	37	76	F
11.	5-20-14					7	DAY	55	87	F
12.	5-21-14	0.06	IN	RAIN	rain	1	DAY			
13.	5-25-14	0.49	IN	RAIN	rain	2	DAY			
14.	5-27-14	0.08	IN	RAIN	rain	2	DAY			
15.	5-27-14					7	DAY	60	86	F
16.	5-31-14	0.14	IN	RAIN	rain	1	DAY			
17.	6-1-14	0.13	IN	RAIN	rain	1	DAY			
18.	6-3-14					7	DAY	59	90	F
19.	6-4-14	0.67	IN	RAIN	rain	1	DAY			
20.	6-7-14	0.6	IN	RAIN	rain	1	DAY			
21.	6-9-14	1.38	IN	RAIN	rain	2	DAY			
22.	6-10-14					7	DAY	51	90	F
23.	6-12-14	0.07	IN	RAIN	rain	1	DAY			
24.	6-15-14	0.02	IN	RAIN	rain	1	DAY			
25.	6-17-14					7	DAY	67	92	F
26.	6-20-14	2.09	IN	RAIN	rain	5	DAY			
27.	6-24-14					7	DAY	65	91	F
28.	6-27-14	0.11	IN	RAIN	rain	2	DAY			
29.	7-1-14	0.01	IN	RAIN	rain	1	DAY			
30.	7-1-14					7	DAY	55	90	F
31.	7-7-14	0.79	IN	RAIN	rain	2	DAY			
32.	7-8-14					7	DAY	59	89	F
33.	7-12-14	0.49	IN	RAIN	rain	3	DAY			
34.	7-15-14					7	DAY	54	85	F
35.	7-22-14					7	DAY	57	98	F
36.	7-25-14	0.02	IN	RAIN	rain	1	DAY			
37.	7-29-14					7	DAY	52	89	F
38.	8-1-14	0.04	IN	RAIN	rain	1	DAY			
39.	8-5-14	4.04	IN	RAIN	rain	4	DAY			
40.	8-5-14					7	DAY	66	88	F
41.	8-12-14					7	DAY	57	84	F
42.	8-15-14	1.21	IN	RAIN	rain	3	DAY			
43.	8-19-14					7	DAY	67	95	F
44.	8-20-14	0.11	IN	RAIN	rain	1	DAY			
45.	8-26-14					7	DAY	68	95	F
46.	8-27-14	1.56	IN	RAIN	rain	2	DAY			
47.	9-1-14	2.21	IN	RAIN	rain	2	DAY			
48.	9-2-14					7	DAY	54	93	F
49.	9-5-14	0.24	IN	RAIN	rain	1	DAY			
50.	9-9-14					7	DAY	45	85	F
51.	9-10-14	1.06	IN	RAIN	rain	1	DAY			

Application Description

	A	B	C
Application Date:	5-13-14	5-23-14	6-3-14
Appl. Start Time:	6:00	10:00	12:30
Appl. Stop Time:	6:40	10:30	12:40
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	V1	10-12"CN
Application Placement:	BROSOI	BROFOL	BROFOL
Applied By:	LXF	MEJ	LF
Air Temperature, Unit:	66 F	75 F	87 F
% Relative Humidity:	100	44	61
Wind Velocity, Unit:	4 MPH	4 MPH	2 MPH
Wind Direction:	W	N	W
Dew Presence (Y/N):	N	N	N
Soil Temperature, Unit:	66 F	68 F	74 F
Soil Moisture:	NORMAL	NORMAL	NORMAL
% Cloud Cover:	98	0	60
Next Moisture Occurred On:	5-13-14	5-25-14	6-4-14
Time to Next Moisture, Unit:	4 HR	2 DAY	18 HR

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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	V1	V4
Stage Minimum, Percent:		V1	V4
Stage Maximum, Percent:		V1	V5
Height, Unit:		3 IN	12 IN
Height Minimum, Maximum:		3 3	10 12

Pest Stage At Each Application

	A	B	C
Pest 1 Code, Type, Scale:	SETFA W	SETFA W	SETFA W
Stage Majority, Percent:	NA	3	3
Stage Minimum, Percent:		2	2
Stage Maximum, Percent:		3	4
Height, Unit:		0.5 IN	2 IN
Height Minimum, Maximum:		0.25 0.5	1 2
Density, Unit:		4 FT2	0.01 FT2
Pest 2 Code, Type, Scale:	XANST W	XANST W	XANST W
Stage Majority, Percent:	NA	3	2
Stage Minimum, Percent:		2	1
Stage Maximum, Percent:		4	2
Height, Unit:		0.5 IN	0.5 IN
Height Minimum, Maximum:		0.25 1	0.25 1
Density, Unit:		0.1 FT2	0.001 FT2
Pest 3 Code, Type, Scale:	IPOHE W	IPOHE W	IPOHE W
Stage Majority, Percent:	NA	2	2
Stage Minimum, Percent:		1	1
Stage Maximum, Percent:		2	2
Height, Unit:		0.5 IN	1 IN
Height Minimum, Maximum:		0.25 0.5	0.5 1
Density, Unit:		0.01 FT2	0.05 FT2
Pest 4 Code, Type, Scale:	AMBTR W	AMBTR W	AMBTR W
Stage Majority, Percent:	NA	3	2
Stage Minimum, Percent:		2	1
Stage Maximum, Percent:		4	4
Height, Unit:		0.5 IN	1.5 IN
Height Minimum, Maximum:		0.25 1	1 2
Density, Unit:		0.1 FT2	0.001 FT2
Pest 5 Code, Type, Scale:	AMATA W	AMATA W	AMATA W
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 Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval								ZEAMD 10-7-14 Moisture Percent	ZEAMD 10-7-14 Test wt. lb/bu	ZEAMD 10-7-14 Yield bu/A	ZEAMD 6-3-14 Injury Percent 21 DA-A	ZEAMD 6-17-14 Injury Percent	ZEAMD 7-1-14 Injury Percent	ZEAMD 7-15-14 Injury Percent
Trt	Treatment No. Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Grow h Unit Stage	Appl Code						
1	NONTREATED								17.5 a	57.3 a	175 c	0	0	0
2	ACURON	3.44	SE	2.15 lb ai/a	2.5 qt/a		PRE A		16.0 a	58.1 a	273 a	0 a	0 a	0 a
3	ACURON AATREX 4L	3.44 4	SE SC	2.15 lb ai/a 1 lb ai/a	2.5 qt/a 1 qt/a		PRE PRE A		16.0 a	58.1 a	263 ab	0 a	0 a	0 a
4	ACURON TOUCHDOWN TOTAL STATUS N-PAK AMS	3.44 4.17 56 100	SE SL WG SL	2.15 lb ai/a 0.98 lb ae/a 0.175 lb ae/a 2.5 % v/v	2.5 qt/a 30 fl oz/a 5 oz/a 2.5 % v/v		PRE 10-12"CNC 10-12"CNC 10-12"CNC	A C C C	16.6 a	57.9 a	263 ab	0 a	0 a	0 a
5	ANTHEM ATZ	4.5	SE	1.4 lb ai/a	2.5 pt/a		PRE A		16.1 a	58.1 a	259 ab	0 a	0 a	0 a
6	SURESTART	4.25	SE	1.6 lb ai/a	3 pt/a		PRE A		16.5 a	57.9 a	257 ab	0 a	0 a	0 a
7	VERDICT	5.57	EC	0.65 lb ai/a	15 fl oz/a		PRE A		16.4 a	58.0 a	242 b	0 a	0 a	0 a
8	CORVUS	2.63	SC	0.115 lb ai/a	5.6 fl oz/a		PRE A		16.3 a	58.0 a	252 ab	0 a	0 a	0 a
9	ACURON	3.44	SE	2.15 lb ai/a	2.5 qt/a		V1 B		16.6 a	57.8 a	265 a	0 a	0 a	0 a
LSD (P=.05)									0.97	0.50	22.9	0.0	0.0	0.0
Standard Deviation									0.66	0.34	15.7	0.0	0.0	0.0
CV									4.03	0.59	6.28	0.0	0.0	0.0
Replicate F									1.264	1.422	4.026	0.000	0.000	0.000
Replicate Prob(F)									0.3090	0.2608	0.0188	1.0000	1.0000	1.0000
Treatment F									1.921	2.334	14.189	0.000	0.000	0.000
Treatment Prob(F)									0.1034	0.0518	0.0001	1.0000	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.

Southern Illinois University

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Pest Code								SETFA	SETFA	SETFA	SETFA
Crop Code								6-3-14	6-17-14	7-1-14	7-15-14
Rating Date								Control	Control	Control	Control
Rating Type								Percent	Percent	Percent	Percent
Rating Unit								21 DA-A			
Rating Timing											
Trt-Eval Interval								0 DA-C	14 DA-C	28 DA-C	42 DA-C
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Grow h Stage	Appl Code				
1 NONTREATED								0	0	0	0
2 ACURON	3.44 SE		2.15 lb ai/a	2.5 qt/a		PRE A		99 a	98 a	98 a	98 a
3 ACURON AATREX 4L	3.44 SE 4 SC		2.15 lb ai/a 1 lb ai/a	2.5 qt/a 1 qt/a		PRE PRE A		99 a	99 a	99 a	99 a
4 ACURON TOUCHDOWN TOTAL STATUS N-PAK AMS	3.44 SE 4.17 SL 56 WG 100 SL		2.15 lb ai/a 0.98 lb ae/a 0.175 lb ae/a 2.5 % v/v	2.5 qt/a 30 fl oz/a 5 oz/a 2.5 % v/v		PRE A 10-12"CNC 10-12"CNC 10-12"CNC		99 a	99 a	99 a	99 a
5 ANTHEM ATZ	4 5 SE		1.4 lb ai/a	2.5 pt/a		PRE A		92 b	88 b	88 b	88 b
6 SURESTART	4 25 SE		1.6 lb ai/a	3 pt/a		PRE A		99 a	99 a	99 a	99 a
7 VERDICT	5 57 EC		0.65 lb ai/a	15 fl oz/a		PRE A		99 a	96 a	96 a	96 a
8 CORVUS	2.63 SC		0.115 lb ai/a	5.6 fl oz/a		PRE A		88 b	76 c	76 c	76 c
9 ACURON	3.44 SE		2.15 lb ai/a	2.5 qt/a		V1 B		99 a	99 a	99 a	99 a
LSD (P=.05)								4.6	5.6	5.5	5.5
Standard Deviation								3.2	3.8	3.7	3.7
CV								3.26	4.01	3.98	3.98
Replicate F								1.647	1.632	1.734	1.734
Replicate Prob(F)								0.2088	0.2122	0.1908	0.1908
Treatment F								8.101	18.576	18.928	18.928
Treatment Prob(F)								0.0001	0.0001	0.0001	0.0001

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Pest Code								XANST	XANST	XANST	XANST
Crop Code								6-3-14	6-17-14	7-1-14	7-15-14
Rating Date								Control	Control	Control	Control
Rating Type								Percent	Percent	Percent	Percent
Rating Unit								21 DA-A			
Rating Timing											
Trt-Eval Interval								0 DA-C	14 DA-C	28 DA-C	42 DA-C
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate	Grow h Unit Stage	Appl Code				
1 NONTREATED								0	0	0	0
2 ACURON	3.44 SE		2.15 lb ai/a	2.5 qt/a		PRE A		99 ab	99 ab	99 ab	99 ab
3 ACURON AATREX 4L	3.44 SE 4 SC		2.15 lb ai/a 1 lb ai/a	2.5 qt/a 1 qt/a		PRE PRE A		99 a	99 a	99 a	99 a
4 ACURON TOUCHDOWN TOTAL STATUS N-PAK AMS	3.44 SE 4.17 SL 56 WG 100 SL		2.15 lb ai/a 0.98 lb ae/a 0.175 lb ae/a 2.5 % v/v	2.5 qt/a 30 fl oz/a 5 oz/a 2.5 % v/v		PRE A 10-12"CNC 10-12"CNC 10-12"CNC		98 ab	99 a	99 a	99 a
5 ANTHEM ATZ	4 5 SE		1.4 lb ai/a	2.5 pt/a		PRE A		90 c	91 c	90 c	90 c
6 SURESTART	4 25 SE		1.6 lb ai/a	3 pt/a		PRE A		95 abc	95 abc	95 abc	95 abc
7 VERDICT	5 57 EC		0.65 lb ai/a	15 fl oz/a		PRE A		93 bc	93 bc	93 bc	93 bc
8 CORVUS	2.63 SC		0.115 lb ai/a	5.6 fl oz/a		PRE A		90 c	90 c	90 c	90 c
9 ACURON	3.44 SE		2.15 lb ai/a	2.5 qt/a		V1 B		99 ab	99 ab	99 ab	99 ab
LSD (P=.05)								6.3	6.3	6.3	6.3
Standard Deviation								4.3	4.3	4.3	4.3
CV								4.48	4.5	4.5	4.5
Replicate F								1.856	1.860	1.545	1.545
Replicate Prob(F)								0.1681	0.1674	0.2325	0.2325
Treatment F								3.576	3.351	3.724	3.724
Treatment Prob(F)								0.0109	0.0147	0.0090	0.0090

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval									IPOHE 6-3-14 Control Percent 21 DA-A 0 DA-C	IPOHE 6-17-14 Control Percent 14 DA-C	IPOHE 7-1-14 Control Percent 28 DA-C	IPOHE 7-15-14 Control Percent 42 DA-C	
Trt	Treatment No. Name	Form Conc	Form Type	Rate Rate	Unit	Other Rate	Other Rate	Grow h Unit Stage	Appl Code				
1	NONTREATED									0	0	0	0
2	ACURON	3.44	SE	2.15	lb ai/a	2.5	qt/a	PRE	A	95 a	94 ab	94 ab	94 ab
3	ACURON AATREX 4L	3.44 4	SE SC	2.15 1	lb ai/a lb ai/a	2.5	qt/a 1 qt/a	PRE PRE	A A	97 a	97 ab	97 ab	97 ab
4	ACURON TOUCHDOWN TOTAL STATUS N-PAK AMS	3.44 4.17 56 100	SE SL WG SL	2.15 0.98 0.175 2.5	lb ai/a lb ae/a lb ae/a v/v	2.5	qt/a 30 fl oz/a 5 oz/a % v/v	PRE 10-12"CNC 10-12"CNC 10-12"CNC	A C C C	96 a	99 a	99 a	99 a
5	ANTHEM ATZ	4	SE	1.4	lb ai/a	2.5	pt/a	PRE	A	96 a	96 ab	96 ab	96 ab
6	SURESTART	4	SE	1.6	lb ai/a	3	pt/a	PRE	A	85 b	85 c	85 c	85 c
7	VERDICT	5	EC	0.65	lb ai/a	15	fl oz/a	PRE	A	98 a	98 ab	98 ab	98 ab
8	CORVUS	2.63	SC	0.115	lb ai/a	5.6	fl oz/a	PRE	A	94 a	93 b	93 b	93 b
9	ACURON	3.44	SE	2.15	lb ai/a	2.5	qt/a	V1	B	97 a	96 ab	96 ab	96 ab
LSD (P=.05)									5.7	5.1	5.1	5.1	
Standard Deviation									3.8	3.5	3.5	3.5	
CV									4.07	3.65	3.65	3.65	
Replicate F									0.803	1.002	1.002	1.002	
Replicate Prob(F)									0.5060	0.4114	0.4114	0.4114	
Treatment F									4.510	6.343	6.343	6.343	
Treatment Prob(F)									0.0033	0.0004	0.0004	0.0004	

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval								AMBTR	AMBTR	AMBTR	AMBTR	AMATA	AMATA	AMATA	AMATA
								6-3-14 Control Percent 21 DA-A 0 DA-C	6-17-14 Control Percent 14 DA-C	7-1-14 Control Percent 28 DA-C	7-15-14 Control Percent 42 DA-C	6-3-14 Control Percent 21 DA-A 0 DA-C	6-17-14 Control Percent 14 DA-C	7-1-14 Control Percent 28 DA-C	7-15-14 Control Percent 42 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code							
1	NONTREATED								0	0	0	0	0	0	0
2	ACURON	3.44 SE		2.15 lb ai/a	2.5 qt/a		PRE	A	99 a	98 a	98 a	98 a	99 a	99 a	99 a
3	ACURON AATREX 4L	3.44 SE 4 SC		2.15 lb ai/a 1 lb ai/a	2.5 qt/a 1 qt/a		PRE PRE	A A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
4	ACURON TOUCHDOWN TOTAL STATUS N-PAK AMS	3.44 SE 4.17 SL 56 WG 100 SL		2.15 lb ai/a 0.98 lb ae/a 0.175 lb ae/a 2.5 % v/v	2.5 qt/a 30 fl oz/a 5 oz/a 2.5 % v/v		PRE 10-12"CNC 10-12"CNC 10-12"CNC	A C C C	99 a	99 a	99 a	99 a	99 a	99 a	99 a
5	ANTHEM ATZ	4.5 SE		1.4 lb ai/a	2.5 pt/a		PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
6	SURESTART	4.25 SE		1.6 lb ai/a	3 pt/a		PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
7	VERDICT	5.57 EC		0.65 lb ai/a	15 fl oz/a		PRE	A	99 a	98 a	98 a	98 a	99 a	99 a	99 a
8	CORVUS	2.63 SC		0.115 lb ai/a	5.6 fl oz/a		PRE	A	97 a	97 a	97 a	97 a	99 a	99 a	99 a
9	ACURON	3.44 SE		2.15 lb ai/a	2.5 qt/a		V1	B	99 a	99 a	99 a	99 a	99 a	99 a	99 a
LSD (P=.05)								2.4	2.4	2.4	2.4	0.0	0.0	0.0	0.0
Standard Deviation								1.6	1.7	1.7	1.7	0.0	0.0	0.0	0.0
CV								1.63	1.68	1.68	1.68	0.0	0.0	0.0	0.0
Replicate F								0.917	3.187	3.187	3.187	0.000	0.000	0.000	0.000
Replicate Prob(F)								0.4496	0.0448	0.0448	0.0448	1.0000	1.0000	1.0000	1.0000
Treatment F								0.959	1.065	1.065	1.065	0.000	0.000	0.000	0.000
Treatment Prob(F)								0.4852	0.4188	0.4188	0.4188	1.0000	1.0000	1.0000	1.0000

Acuron Herbicide for Weed Control in Corn.

Trial ID: 14-21S-ME50 Location: Belleville Res. Center Trial Year: 2014
Investigator: Ronald F. Krausz

Trial Comments

1. Protocol: Syngenta (HBI001B3-2014US).
2. Ratings: CI 0, 14, 28, and 42 DA-C; WC 0, 14, 28, and 42 DA-C. Rate before spray C.
3. Yield - do not sell grain from Acuron plots.
4. Photos 0, 14, and 28 DA-C.
5. Soil test after planting and before herbicides, test for physical and standard soil tests.
6. Following the PRE application the first significant rainfall event was 0.49 inch the next day.
Following the V1 application the first significant rainfall event was 0.57 inch beginning 2 days later.
Following the 10-12"CN application the first significant rainfall event was 0.67 inch the next day.
7. Harvested 10-7-14, (2) 30 inch rows by 27 ft.