

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
Investigator: Ronald F. Krausz

**Trial Status:** F one-year/final  
**Initiation Date:** 5-5-15  
**Completion Date:** 10-7-15

**Trial Location**

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

**Objectives:**

Evaluate Anthem tank-mix concepts / Anthem followed by Solstice / and Anthem plus new PGR treatment concepts for control of grass and broadleaf weeds.

**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 **E-mail:** rkrausz@siu.edu  
**Postal Code:** 62221  
**Country:** USA

**Crop Description**

**Crop 1:** ZEAMD Zea mays indentata Dent corn  
**Variety:** DKC 63-33 **BBCH Scale:** BCOR  
**Description:** SS RIB  
**Planting Date:** 5-5-15  
**Planting Rate, Unit:** 30000 S/A **Planting Method:** SEEDED  
**Depth, Unit:** 1.5 IN  
**Row Spacing, Unit:** 30 IN

**Pest Description**

**Pest 1 Type:** W **Code:** PANDI *Panicum dichotomiflorum* Michx.  
**Common Name:** panicum, fall  
**Pest 2 Type:** W **Code:** AMBTR *Ambrosia trifida* L.  
**Common Name:** ragweed, giant  
**Pest 3 Type:** W **Code:** ABUTH *Abutilon theophrasti* Medik.  
**Common Name:** velvetleaf  
**Pest 4 Type:** W **Code:** AMATA *Amaranthus rudis* Sauer  
**Common Name:** waterhemp, common

**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  
**Replications:** 4 **Tillage Type:** REDTIL reduced-till  
**Untreated Arrangement:** INCLUDED single control randomized in each block **Study Design:** RACOB� Randomized Complete Block (RCB)

No.	Previous Crop	Year
1.	ZEAMD	2014

**Maintenance**

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

**Soil Description**

**Description Name:** 01\_2013  
**% OM:** 2.5 **Texture:** SIL silt loam  
**pH:** 6 **Soil Name:** Winfield  
**CEC:** 6

**Additional Measured Elements**

Element	Quantity	Unit
P1	58	lb/A
K	286	lb/A

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**Overall Moisture Conditions: ABONOR**  
**Closest Weather Station: ICN - Belleville IL**      **Moisture and Weather Conditions**  
**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	2.25	IN	RAIN	rain	1	DAY			
47.	8-9-15	0.47	IN	RAIN	rain	1	DAY			
48.	8-12-15					7	DAY	63	89	F
49.	8-18-15	2.23	IN	RAIN	rain	2	DAY			
50.	8-19-15					7	DAY	52	82	F
51.	8-22-15	0.18	IN	RAIN	rain	1	DAY			
52.	8-26-15					7	DAY	54	91	F

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

**Application Description**

	A	B	C	D
<b>Application Date:</b>	5-7-15	5-29-15	6-8-15	6-15-15
<b>Appl. Start Time:</b>	9:00	8:30	12:45	9:20
<b>Appl. Stop Time:</b>	9:20	9:00	13:10	9:30
<b>Application Method:</b>	Spray	Spray	Spray	Spray
<b>Application Timing:</b>	PRE	8"CN	V6	V8
<b>Application Placement:</b>	BROSOI	BROFOL	BROFOL	BROFOL
<b>Applied By:</b>	LXF	RFK	MEJ	MEJ
<b>Air Temperature, Unit:</b>	80 F	77 F	88 F	84 F
<b>% Relative Humidity:</b>	54	85	63	70
<b>Wind Velocity, Unit:</b>	4 MPH	1 MPH	4 MPH	4 MPH
<b>Wind Direction:</b>	S	S	NW	S
<b>Dew Presence (Y/N):</b>	N	N	N	N
<b>Soil Temperature, Unit:</b>	63 F	70 F	73 F	76 F
<b>Soil Moisture:</b>	NORMAL	ABONOR	NORMAL	NORMAL
<b>% Cloud Cover:</b>	15	75	40	90
<b>Next Moisture Occurred On:</b>	5-8-15	5-29-15	6-14-15	6-15-15
<b>Time to Next Moisture, Unit:</b>	2 HR	5 HR	6 DAY	10 HR

**Crop Stage At Each Application**

	A	B	C	D
<b>Crop 1 Code, BBCH Scale:</b>	ZEAMD	ZEAMD	ZEAMD	ZEAMD
<b>Stage Scale Used:</b>	DESC	DESC	DESC	DESC
<b>Stage Majority, Percent:</b>	NA	V4	V6	V8
<b>Stage Minimum, Percent:</b>		V4	V6	V8
<b>Stage Maximum, Percent:</b>		V4	V6	V8
<b>Height, Unit:</b>		8 IN	17 IN	33 IN
<b>Height Minimum, Maximum:</b>		6 8	15 17	19 33

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Pest Stage At Each Application				
	A	B	C	D
<b>Pest 1 Code, Type, Scale:</b>	PANDI W	PANDI W	PANDI W	PANDI W
<b>Stage Majority, Percent:</b>	NA	3	NA	NA
<b>Stage Minimum, Percent:</b>		1		
<b>Stage Maximum, Percent:</b>		3		
<b>Height, Unit:</b>		2 IN		
<b>Height Minimum, Maximum:</b>		1 2		
<b>Density, Unit:</b>		0.1 FT2		
<b>Pest 2 Code, Type, Scale:</b>	AMBTR W	AMBTR W	AMBTR W	AMBTR W
<b>Stage Majority, Percent:</b>	NA	6	10	10
<b>Stage Minimum, Percent:</b>		2	4	2
<b>Stage Maximum, Percent:</b>		8	10	24
<b>Height, Unit:</b>		5 IN	13 IN	14 IN
<b>Height Minimum, Maximum:</b>		1 6	2 17	1.5 25
<b>Density, Unit:</b>		3 FT2	3 FT2	2 FT2
<b>Pest 3 Code, Type, Scale:</b>	ABUTH W	ABUTH W	ABUTH W	ABUTH W
<b>Stage Majority, Percent:</b>	NA	5	3	4
<b>Stage Minimum, Percent:</b>		5	1	2
<b>Stage Maximum, Percent:</b>		6	6	6
<b>Height, Unit:</b>		3 IN	2.5 IN	4 IN
<b>Height Minimum, Maximum:</b>		2 4	1 3	0.5 6
<b>Density, Unit:</b>		2 FT2	0.001 FT2	0.001 FT2
<b>Pest 4 Code, Type, Scale:</b>	AMATA W	AMATA W	AMATA W	AMATA W
<b>Stage Majority, Percent:</b>	NA	4	NA	NA
<b>Stage Minimum, Percent:</b>		2		
<b>Stage Maximum, Percent:</b>		6		
<b>Height, Unit:</b>		2 IN		
<b>Height Minimum, Maximum:</b>		2 3		
<b>Density, Unit:</b>		0.1 FT2		

Application Equipment				
	A	B	C	D
<b>Appl. Equipment:</b>	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer
<b>Equipment Type:</b>	BACSPR	BACSPR	BACSPR	BACSPR
<b>Operation Pressure, Unit:</b>	30 PSI	30 PSI	30 PSI	30 PSI
<b>Nozzle Type:</b>	XR	XR	XR	XR
<b>Nozzle Size:</b>	8002	8002	8002	8002
<b>Boom Length, Unit:</b>	7.5 FT	7.5 FT	7.5 FT	7.5 FT
<b>Incorporation Equip.:</b>	NA	NA	NA	NA
<b>Spray Volume, Unit:</b>	15 GPA	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 10-7-15 Moisture Percent	ZEAMD 10-7-15 Test wt. lb/bu	ZEAMD 10-7-15 Yield bu/A	ZEAMD 5-12-15 Injury Percent	ZEAMD 5-22-15 Injury Percent	ZEAMD Injury Percent
Trt No.	Treatment Name	Form Type	Form Rate	Rate Unit	Other Rate	Other Unit	Growth Stage	Appl Code		5 DA-A	15 DA-A	0 DA-PO
1	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	PRE	A	17.4 a	56.9 a	150 a		0 a	0 a
	AATREX 4L	4 SC	1 lb ai/a	32 fl oz/a	PRE	A						
	CADET	0.91 EC	0.005 lb ai/a	0.7 fl oz/a	V6	C						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	V6	C						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	V6	C						
2	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	PRE	A	17.2 a	57.0 a	182 a		0 a	0 a
	AATREX 4L	4 SC	1 lb ai/a	32 fl oz/a	PRE	A						
	CADET	0.91 EC	0.005 lb ai/a	0.7 fl oz/a	V6	C						
	DIFLEXX	4 SC	0.375 lb ae/a	12 fl oz/a	V6	C						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	V6	C						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	V6	C						
3	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	PRE	A	17.6 a	56.8 a	173 a		0 a	0 a
	AATREX 4L	4 SC	1 lb ai/a	32 fl oz/a	PRE	A						
	SOLSTICE	4 SC	0.094 lb ai/a	3 fl oz/a	V6	C						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	V6	C						
	COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	V6	C						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	V6	C						
4	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	PRE	A	17.7 a	56.7 a	147 a		0 a	0 a
	SOLSTICE	4 SC	0.078 lb ai/a	2.5 fl oz/a	V6	C						
	AATREX 4L	4 SC	0.5 lb ai/a	16 fl oz/a	V6	C						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	V6	C						
	COC (PRIME OIL)	100 SL	1 % v/v	1 % v/v	V6	C						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	V6	C						
5	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	PRE	A	16.9 a	57.2 a	146 a		0 a	0 a
	AATREX 4L	4 SC	1.25 lb ai/a	40 fl oz/a	PRE	A						
	BALANCE FLEXX	2 SC	0.0313 lb ai/a	2 fl oz/a	PRE	A						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	V8	D						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	V8	D						
6	ACURON	3.44 CS	2.58 lb ai/a	3 qt/a	PRE	A	17.0 a	57.1 a	171 a		0 a	0 a
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	V8	D						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	V8	D						
7	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	8"CN	B	17.6 a	56.8 a	155 a			
	AATREX 4L	4 SC	1 lb ai/a	32 fl oz/a	8"CN	B						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	8"CN	B						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	8"CN	B						
8	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	8"CN	B	17.6 a	56.8 a	163 a			
	DIFLEXX	4 SC	0.375 lb ae/a	12 fl oz/a	8"CN	B						
	ROUNDUP POWERMAX	4.5 SL	1.13 lb ae/a	32 fl oz/a	8"CN	B						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	8"CN	B						
9	ANTHEM MAXX	4.3 SC	0.134 lb ai/a	4 fl oz/a	8"CN	B	17.1 a	57.0 a	158 a			
	2,4-D LV 4	3.8 EC	0.71 lb ae/a	24 fl oz/a	8"CN	B						
	DURANGO DMA	4 SL	0.75 lb ae/a	24 fl oz/a	8"CN	B						
	N-PAK AMS	100 SL	2.5 % v/v	2.5 % v/v	8"CN	B						

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=6,7,9,12  
 Could not calculate LSD (% mean diff) for columns 10,11,13,18,23,28,33,14,19,24,29,34,16,17,22,27,32,37 because error mean square = 0.

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Pest Code	ZEAMD					
Crop Code	10-7-15	10-7-15	10-7-15	5-12-15	5-22-15	ZEAMD
Rating Date	Moisture	Test wt.	Yield	Injury	Injury	Injury
Rating Type	Percent	lb/bu	bu/A	Percent	Percent	Percent
Rating Unit				5 DA-A	15 DA-A	0 DA-PO
Rating Timing						
Trt-Eval Interval						
Trt. Treatment	Form	Form	Rate	Other	Other	Growth
No. Name	Conc	Type	Unit	Rate	Rate	Unit Stage
Code						
10 NONTREATED				18 b		0
LSD P=.05	0.93	0.51	40.8			
Standard Deviation	0.63	0.35	27.8		0.0	0.0
CV	3.63	0.61	19.04		0.0	0.0
Replicate F	0.686	0.738	0.643		0.000	0.000
Replicate Prob(F)	0.5718	0.5421	0.5953		1.0000	1.0000
Treatment F	0.949	0.834	11.150		0.000	0.000
Treatment Prob(F)	0.5013	0.5845	0.0001		1.0000	1.0000

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Pest Code							ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD			
Crop Code							Injury	Injury	Injury	Injury	Injury			
Rating Date							Percent	Percent	Percent	Percent	Percent			
Rating Type														
Rating Unit														
Rating Timing														
Trt-Eval Interval							5 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	2 d	0 b	0 b	0 b	0 b
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
2	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	2 d	0 b	0 b	0 b	0 b
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a	V6	C					
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
3	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	2 d	0 b	0 b	0 b	0 b
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	SOLSTICE	4	SC	0.094	lb ai/a	3	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
4	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	2 d	0 b	0 b	0 b	0 b
	SOLSTICE	4	SC	0.078	lb ai/a	2.5	fl oz/a	V6	C					
	AATREX 4L	4	SC		0.5 lb ai/a	16	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
5	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	0 e	0 b	0 b	0 b	0 b
	AATREX 4L	4	SC		1.25 lb ai/a	40	fl oz/a	PRE	A					
	BALANCE FLEXX	2	SC	0.0313	lb ai/a	2	fl oz/a	PRE	A					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V8	D					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V8	D					
6	ACURON	3.44	CS	2.58	lb ai/a	3	qt/a	PRE	A	0 e	0 b	0 b	0 b	0 b
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V8	D					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V8	D					
7	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B	5 b	0 b	0 b	0 b	0 b
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	8"CN	B					
8	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B	3 c	0 b	0 b	0 b	0 b
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a	8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	8"CN	B					
9	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B	15 a	25 a	25 a	10 a	10 a
	2,4-D LV 4	3.8	EC	0.71	lb ae/a	24	fl oz/a	8"CN	B					
	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	8"CN	B					

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Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code								ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD		
Crop Code														
Rating Date														
Rating Type								Injury	Injury	Injury	Injury	Injury		
Rating Unit								Percent	Percent	Percent	Percent	Percent		
Rating Timing														
Trt-Eval Interval								5 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO		
Trt. No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code				
10	NONTREATED										0	0	0	0
LSD P=.05								0.7	.	.	.	.		
Standard Deviation								0.5	0.0	0.0	0.0	0.0		
CV								14.95	0.0	0.0	0.0	0.0		
Replicate F								0.958	0.000	0.000	0.000	0.000		
Replicate Prob(F)								0.4291	1.0000	1.0000	1.0000	1.0000		
Treatment F								322.958	0.000	0.000	0.000	0.000		
Treatment Prob(F)								0.0001	1.0000	1.0000	1.0000	1.0000		



Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							PANDI	PANDI	PANDI	PANDI	PANDI				
							Control Percent	Control Percent	Control Percent	Control Percent	Control Percent				
							0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO				
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Other Rate	Other Rate	Unit Unit	Growth Stage	Appl Code					
1	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC	1	lb ai/a	32	fl oz/a		PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		V6	C					
2	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC	1	lb ai/a	32	fl oz/a		PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a		V6	C					
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		V6	C					
3	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC	1	lb ai/a	32	fl oz/a		PRE	A					
	SOLSTICE	4	SC	0.094	lb ai/a	3	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v		V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		V6	C					
4	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	SOLSTICE	4	SC	0.078	lb ai/a	2.5	fl oz/a		V6	C					
	AATREX 4L	4	SC	0.5	lb ai/a	16	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v		V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		V6	C					
5	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC	1.25	lb ai/a	40	fl oz/a		PRE	A					
	BALANCE FLEXX	2	SC	0.0313	lb ai/a	2	fl oz/a		PRE	A					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V8	D					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		V8	D					
6	ACURON	3.44	CS	2.58	lb ai/a	3	qt/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V8	D					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		V8	D					
7	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		8"CN	B		99 a	99 a	99 a	99 a
	AATREX 4L	4	SC	1	lb ai/a	32	fl oz/a		8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		8"CN	B					
8	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		8"CN	B		99 a	99 a	99 a	99 a
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a		8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		8"CN	B					
9	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		8"CN	B		99 a	99 a	99 a	99 a
	2,4-D LV 4	3.8	EC	0.71	lb ae/a	24	fl oz/a		8"CN	B					
	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a		8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v		8"CN	B					

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code										PANDI	PANDI	PANDI	PANDI	PANDI	
Crop Code															
Rating Date															
Rating Type										Control	Control	Control	Control	Control	
Rating Unit										Percent	Percent	Percent	Percent	Percent	
Rating Timing															
Trt-Eval Interval										0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO	
Trt. No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code					
10	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

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code							AMBTR	AMBTR	AMBTR	AMBTR	AMBTR			
Crop Code														
Rating Date							Control	Control	Control	Control	Control			
Rating Type							Percent	Percent	Percent	Percent	Percent			
Rating Unit														
Rating Timing														
Trt-Eval Interval							0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code					
1	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	87 a	98 ab	98 a	98 a	98 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
2	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	83 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a	V6	C					
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
3	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	85 a	98 ab	98 a	98 a	98 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	SOLSTICE	4	SC	0.094	lb ai/a	3	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
4	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	39 b	98 ab	98 a	98 a	98 a
	SOLSTICE	4	SC	0.078	lb ai/a	2.5	fl oz/a	V6	C					
	AATREX 4L	4	SC	0.5	lb ai/a	16	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	COC (PRIME OIL)	100	SL	1	% v/v	1	% v/v	V6	C					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V6	C					
5	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	81 a	98 ab	98 a	98 a	98 a
	AATREX 4L	4	SC	1.25	lb ai/a	40	fl oz/a	PRE	A					
	BALANCE FLEXX	2	SC	0.0313	lb ai/a	2	fl oz/a	PRE	A					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V8	D					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V8	D					
6	ACURON	3.44	CS	2.58	lb ai/a	3	qt/a	PRE	A	97 a	99 ab	99 a	99 a	99 a
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V8	D					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	V8	D					
7	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B		92 c	91 b	91 b	91 b
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	8"CN	B					
8	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B		96 b	94 ab	94 ab	94 ab
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a	8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	8"CN	B					
9	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B		98 ab	91 b	91 b	91 b
	2,4-D LV 4	3.8	EC	0.71	lb ae/a	24	fl oz/a	8"CN	B					
	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	8"CN	B					

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code										AMBTR	AMBTR	AMBTR	AMBTR	AMBTR	
Crop Code															
Rating Date															
Rating Type										Control	Control	Control	Control	Control	
Rating Unit										Percent	Percent	Percent	Percent	Percent	
Rating Timing															
Trt-Eval Interval										0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO	
Trt. No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code					
10	NONTREATED										0	0	0	0	
LSD P=.05											31.2	3.3	4.9	4.9	4.9
Standard Deviation											20.7	2.3	3.4	3.4	3.4
CV											26.38	2.32	3.51	3.51	3.51
Replicate F											0.260	1.201	0.592	0.592	0.592
Replicate Prob(F)											0.8532	0.3308	0.6263	0.6263	0.6263
Treatment F											3.815	3.745	3.476	3.476	3.476
Treatment Prob(F)											0.0198	0.0056	0.0084	0.0084	0.0084

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							ABUTH	ABUTH	ABUTH	ABUTH	ABUTH				
							Control Percent	Control Percent	Control Percent	Control Percent	Control Percent				
							0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO				
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Other Rate	Other Rate	Unit Unit	Growth Stage	Appl Code					
1	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	98 a	98 a	98 a	98 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a		PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		V6	C					
2	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a		PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a		V6	C					
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		V6	C					
3	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a		PRE	A					
	SOLSTICE	4	SC	0.094	lb ai/a	3	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	COC (PRIME OIL)	100	SL		1 % v/v	1	% v/v		V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		V6	C					
4	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	SOLSTICE	4	SC	0.078	lb ai/a	2.5	fl oz/a		V6	C					
	AATREX 4L	4	SC		0.5 lb ai/a	16	fl oz/a		V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V6	C					
	COC (PRIME OIL)	100	SL		1 % v/v	1	% v/v		V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		V6	C					
5	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1.25 lb ai/a	40	fl oz/a		PRE	A					
	BALANCE FLEXX	2	SC	0.0313	lb ai/a	2	fl oz/a		PRE	A					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V8	D					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		V8	D					
6	ACURON	3.44	CS	2.58	lb ai/a	3	qt/a		PRE	A	99 a	99 a	99 a	99 a	99 a
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		V8	D					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		V8	D					
7	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		8"CN	B		93 ab	97 a	97 a	97 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a		8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		8"CN	B					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		8"CN	B					
8	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		8"CN	B		90 b	97 a	97 a	97 a
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a		8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a		8"CN	B					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		8"CN	B					
9	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a		8"CN	B		93 ab	94 a	94 a	94 a
	2,4-D LV 4	3.8	EC	0.71	lb ae/a	24	fl oz/a		8"CN	B					
	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a		8"CN	B					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v		8"CN	B					

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code								ABUTH	ABUTH	ABUTH	ABUTH	ABUTH		
Crop Code														
Rating Date														
Rating Type								Control	Control	Control	Control	Control		
Rating Unit								Percent	Percent	Percent	Percent	Percent		
Rating Timing														
Trt-Eval Interval								0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO		
Trt. No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code				
10	NONTREATED										0	0	0	0
LSD P=.05								.	6.9	4.7	4.7	4.7		
Standard Deviation								0.0	4.8	3.2	3.2	3.2		
CV								0.0	4.93	3.28	3.28	3.28		
Replicate F								0.000	1.900	1.273	1.273	1.273		
Replicate Prob(F)								1.0000	0.1566	0.3060	0.3060	0.3060		
Treatment F								0.000	2.449	1.283	1.283	1.283		
Treatment Prob(F)								1.0000	0.0428	0.2981	0.2981	0.2981		

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code							AMATA	AMATA	AMATA	AMATA	AMATA			
Crop Code														
Rating Date														
Rating Type							Control	Control	Control	Control	Control			
Rating Unit							Percent	Percent	Percent	Percent	Percent			
Rating Timing														
Trt-Eval Interval							0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO			
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	V6	C					
2	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	CADET	0.91	EC	0.005	lb ai/a	0.7	fl oz/a	V6	C					
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	V6	C					
3	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	PRE	A					
	SOLSTICE	4	SC	0.094	lb ai/a	3	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	COC (PRIME OIL)	100	SL		1 % v/v	1	% v/v	V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	V6	C					
4	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	SOLSTICE	4	SC	0.078	lb ai/a	2.5	fl oz/a	V6	C					
	AATREX 4L	4	SC		0.5 lb ai/a	16	fl oz/a	V6	C					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V6	C					
	COC (PRIME OIL)	100	SL		1 % v/v	1	% v/v	V6	C					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	V6	C					
5	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1.25 lb ai/a	40	fl oz/a	PRE	A					
	BALANCE FLEXX	2	SC	0.0313	lb ai/a	2	fl oz/a	PRE	A					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V8	D					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	V8	D					
6	ACURON	3.44	CS	2.58	lb ai/a	3	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	V8	D					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	V8	D					
7	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B		99 a	99 a	99 a	99 a
	AATREX 4L	4	SC		1 lb ai/a	32	fl oz/a	8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	8"CN	B					
8	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B		99 a	99 a	99 a	99 a
	DIFLEXX	4	SC	0.375	lb ae/a	12	fl oz/a	8"CN	B					
	ROUNDUP POWERMAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	8"CN	B					
9	ANTHEM MAXX	4.3	SC	0.134	lb ai/a	4	fl oz/a	8"CN	B		99 a	99 a	99 a	99 a
	2,4-D LV 4	3.8	EC	0.71	lb ae/a	24	fl oz/a	8"CN	B					
	DURANGO DMA	4	SL	0.75	lb ae/a	24	fl oz/a	8"CN	B					
	N-PAK AMS	100	SL		2.5 % v/v	2.5	% v/v	8"CN	B					

Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
 Investigator: Ronald F. Krausz

Pest Code								AMATA	AMATA	AMATA	AMATA	AMATA				
Crop Code																
Rating Date																
Rating Type								Control	Control	Control	Control	Control				
Rating Unit								Percent	Percent	Percent	Percent	Percent				
Rating Timing																
Trt-Eval Interval								0 DA-PO	15 DA-PO	30 DA-PO	60 DA-PO	90 DA-PO				
Trt. No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Other Rate	Other Rate	Growth Unit	Appl Stage	Code						
10	NONTREATED										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



Anthem/Anthem ATZ Full Sales.

Trial ID: 15-1-M50 Location: Belleville Res. Center Trial Year: 2015  
Investigator: Ronald F. Krausz

## Trial Comments

1. Protocol: FMC (Anthem/Anthem ATZ).
2. Ratings:
  - CI at 5 and 15 DA-A, and CI at 0, 5, and 15 days after each POST application.
  - WC at 0, 15, 30, 60, and 90 days after each POST application.
  - Rate before spray at each POST timing.
  - Rate each POST timing on different dates, but record in the same column.
3. Yield.
4. Photos.
5. Rainfall following the PRE application was 4.09 inch over 4 days beginning 2 hours later.  
Rainfall following the 8"CN application was 2.15 inch over 2 days beginning 5 hours later.  
Rainfall following the V6 application was 2.52 inch over 3 days beginning 6 days later.  
Rainfall following the V8 application was 2.36 inch over 2 days beginning 10 hours later.
6. On 5-12-15 at 5 DA-A, corn had not yet emerged, not possible to rate crop injury.
7. Crop injury at 5 DA-B was speckling and necrosis; Plots with 2,4-D were leaning at a 45 degree angle.  
Crop injury at 5 DA-C was little white speckling on sprayed leaves.  
Crop injury at 15 DA-B was leaf rolling.  
Crop injury at 30 DA-B was height reduction.
8. DA-PO = Days after various POST applications (B, C, and D).  
Ratings at 0 days after application B, C, and D were on 5-29-15, 6-8-15, and 6-15-15, respectively.  
Ratings at 5 days after application B, C, and D were on 6-3-15, 6-13-15, and 6-20-15, respectively.  
Ratings at 15 days after application B, C, and D were on 6-13-15, 6-23-15, and 6-30-15, respectively.  
Ratings at 30 days after application B, C, and D were on 6-28-15, 7-8-15, and 7-15-15, respectively.  
Ratings at 60 days after application B, C, and D were on 7-28-15, 8-7-15, and 8-14-15, respectively.  
Ratings at 90 days after application B, C, and D were on 8-27-15, 9-6-15, and 9-13-15, respectively.
9. Harvested 10-7-15, (2) 30 inch rows by 24 ft.