

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

General Trial Information

Study Director: Bryan Young
Investigator: Bryan Young **Title:** Professor

Trial Status: F - one-year/final
Initiation Date: 5-18-12

Trial Location

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

Objectives:

Evaluate Syngenta programs in corn for yield.

Personnel

Study Director: Bryan Young
Investigator: Bryan Young **Title:** Professor
Affiliation: Southern Illinois University
Address: 1205 Lincoln Drive - AG 176 - MC 4415
Location: Carbondale IL
Postal Code: 62901 **E-mail:** bgyoung@siu.edu
Phone No.: 618-453-7679 **Mobile No.:** 618-713-6471

Crop Description

Crop 1: ZEAMD Zea mays indentata Dent corn
Variety: See treatment list
BBCH Scale: BCOR **Planting Date:** 5-18-12
Planting Method: SEEDED Seeded **Rate, Unit:** 30000 S/A
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

Site and Design

Plot Width, Unit: 15 FT **Site Type:** FIELD field
Plot Length, Unit: 125 FT
Plot Area, Unit: 1875 FT2 **Tillage Type:** REDTIL reduced-till
Replications: 1 **Study Design:** NONRAN Non-Randomized

No.	Previous Crop	Year
1.	GLXMA	2011

Maintenance

No.	Maintenance Treatment Name
1.	N 190 LB/A, P205 50 LB/A, K20 150 LB/A

Soil Description

% OM: 1.5 **Texture:** SIL SILT LOAM
pH: 6.4 **Soil Name:** WINFIELD
CEC: 6

Additional Measured Elements

Element	Quantity	Unit
P1	72	LB/A
K	313	LB/A

Moisture and Weather Conditions

Overall Moisture Conditions: BELNOR below normal
Closest Weather Station: ICN - Belleville IL **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.	4-24-12					7	DAY	42.6	74.3	F
2.	4-29-12	3.06	IN	RAIN	rain					
3.	4-30-12	0.66	IN	RAIN	rain					
4.	5-1-12	0.13	IN	RAIN	rain					
5.	5-1-12					7	DAY	33.5	76	F
6.	5-4-12	0.25	IN	RAIN	rain					
7.	5-7-12	0.29	IN	RAIN	rain					
8.	5-8-12					7	DAY	47.5	87.8	F
9.	5-15-12					7	DAY	37.7	81.3	F
10.	5-21-12	0.18	IN	RAIN	rain					
11.	5-22-12					7	DAY	47.6	82.3	F
12.	5-29-12					7	DAY	48.1	90	F
13.	5-30-12	0.07	IN	RAIN	rain					
14.	5-31-12	0.21	IN	RAIN	rain					
15.	6-5-12					7	DAY	50.2	90.1	F
16.	6-11-12	0.75	IN	RAIN	rain					
17.	6-12-12					7	DAY	52.4	93.6	F
18.	6-17-12	0.36	IN	RAIN	rain					
19.	6-19-12					7	DAY	56.3	94	F
20.	6-26-12					7	DAY	51.8	105.4	F
21.	7-3-12					7	DAY	68.9	104.7	F
22.	7-8-12	0.28	IN	RAIN	rain					
23.	7-10-12					7	DAY	63.4	95	F
24.	7-17-12					7	DAY	61	102.2	F
25.	7-24-12					7	DAY	61	103	F
26.	7-29-12	0.15	IN	RAIN	rain					
27.	7-31-12					7	DAY	60.2	99.1	F
28.	8-5-12	0.18	IN	RAIN	rain					
29.	8-7-12					7	DAY	50.2	99.8	F
30.	8-13-12	0.88	IN	RAIN	rain					
31.	8-14-12					7	DAY	51	95.6	F
32.	8-17-12	1.19	IN	RAIN	rain					
33.	8-21-12					7	DAY	54.7	94.2	F
34.	8-26-12	0.04	IN	RAIN	rain					
35.	8-27-12	1.66	IN	RAIN	rain					
36.	8-31-12	0.11	IN	RAIN	rain					

Application Description

	A	B	C	D	E
Application Date:	5-19-12	6-5-12	6-5-12	6-11-12	6-20-12
Time of Day:	12:15	6:30	6:30	9:15	17:30
Application Method:	Spray	Spray	Spray	Spray	Spray
Application Timing:	PRE	2-4"W-1	2-4"W-2	V5	R1
Application Placement:	BROFOL	BROFOL	BROFOL	BROFOL	BROFOL
Applied By:	RJW/LAH	LAH	LAH	LAH	JRK
Air Temperature, Unit:	88 F	64 F	64 F	79 F	90 F
% Relative Humidity:	40	68	68	79	41
Wind Velocity, Unit:	6 MPH	2 MPH	2 MPH	6 MPH	6 MPH
Wind Direction:	N	N	N	S	N
Dew Presence (Y/N):	N no	N no	N no	N no	N no
Soil Temperature, Unit:	63 F	71 F	71 F	73 F	77 F
Soil Moisture:	BELNOR	BELNOR	BELNOR	BELNOR	BELNOR
% Cloud Cover:	10	0	0	80	80
Next Rain Occurred On:	5-21-12	6-11-12	6-11-12	6-11-12	7-8-12

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Crop Stage At Each Application										
	A		B		C		D		E	
Crop 1 Code, BBCH Scale:	ZEAMD BCOR		ZEAMD BCOR		ZEAMD BCOR		ZEAMD BCOR		ZEAMD BCOR	
Stage Scale Used:	DESC		DESC		DESC		DESC		DESC	
Stage Majority, Percent:	NA		V4		V4		V5		R1	
Stage Minimum, Percent:			V3		V3		V5		VT	
Stage Maximum, Percent:			V4		V4		V5		R1	
Height, Unit:			10 IN		10 IN		18 IN		78 IN	
Height Minimum, Maximum:			8 10		8 10		15 18		62 78	

Pest Stage At Each Application										
	A		B		C		D		E	
Pest 1 Code, Type, Scale:	PANDI W DESC		PANDI W DESC		PANDI W DESC		PANDI W DESC		PANDI W DESC	
Stage Majority, Percent:	NA		3		3		NA		NA	
Stage Minimum, Percent:			2		2					
Stage Maximum, Percent:			3		3					
Height, Unit:			3 IN		3 IN					
Height Minimum, Maximum:			1 4		1 4					
Density, Unit:			3 FT2		3 FT2					
Pest 2 Code, Type, Scale:	AMBTR W DESC		AMBTR W DESC		AMBTR W DESC		AMBTR W DESC		AMBTR W DESC	
Stage Majority, Percent:	NA		4		4		NA		NA	
Stage Minimum, Percent:			2		2					
Stage Maximum, Percent:			4		4					
Height, Unit:			3 IN		3 IN					
Height Minimum, Maximum:			1 4		1 4					
Density, Unit:			0.5 FT2		0.5 FT2					
Pest 3 Code, Type, Scale:	ABUTH W DESC		ABUTH W DESC		ABUTH W DESC		ABUTH W DESC		ABUTH W DESC	
Stage Majority, Percent:	NA		4		4		NA		NA	
Stage Minimum, Percent:			2		2					
Stage Maximum, Percent:			5		5					
Height, Unit:			2 IN		2 IN					
Height Minimum, Maximum:			1 2		1 2					
Density, Unit:			0.5 FT2		0.5 FT2					

Application Equipment										
	A		B		C		D		E	
Appl. Equipment:	CO2 sprayer		CO2 sprayer		CO2 sprayer		CO2 sprayer		CO2 sprayer	
Equipment Type:	BACSPR		BACSPR		BACSPR		BACSPR		BACSPR	
Operation Pressure, Unit:	30 PSI		30 PSI		30 PSI		30 PSI		30 PSI	
Nozzle Type:	XR		XR		XR		XR		XR	
Nozzle Size:	8003		8003		8003		8003		8003	
Boom Length, Unit:	10 FT		10 FT		10 FT		10 FT		10 FT	
Spray Volume, Unit:	18 GPA		18 GPA		18 GPA		18 GPA		18 GPA	

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Pest Code	Crop Code	Rating Date	Form Conc	Form Type	Rate Unit	Other Rate	Other Unit	Growth Stage	Appl Code	ZEAMD 10-16-12	ZEAMD 10-16-12	ZEAMD 10-16-12	PANDI 6-11-12	PANDI 7-18-12	
Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval								Moisture Percent	Test wt. lb/bu	Yield bu/A	Control Percent V5 6 DA-C	Control Percent R1 43 DA-C
1 NK 68B Agrisure 3000 GT w/Cruiser										21.5	55.0	72	97	97	
AATREX			4	SC	1 lb ai/a	1 qt/a		PRE	A						
TOUCHDOWN TOTAL			4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"W-2	C						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		R1	E						
2 NK 68B Agrisure 3000 GT w/Cruiser										21.0	55.2	50	97	98	
HALEX GT			4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-1	B						
AATREX			4	SC	0.5 lb ai/a	1 pt/a		2-4"W-1	B						
NIS (ACTIVATOR 90)			100	SL	0.25 % v/v	0.25 % v/v		2-4"W-1	B						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-1	B						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		R1	E						
3 NK 68B Agrisure 3000 GT w/Cruiser										20.8	55.0	48	99	99	
LEXAR			3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A						
HALEX GT			4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-2	C						
AATREX			4	SC	0.5 lb ai/a	1 pt/a		2-4"W-2	C						
NIS (ACTIVATOR 90)			100	SL	0.25 % v/v	0.25 % v/v		2-4"W-2	C						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		R1	E						
4 NK 68B Agrisure Viptera 3111 w/Cruiser										21.7	54.7	40	97	97	
AATREX			4	SC	1 lb ai/a	1 qt/a		PRE	A						
TOUCHDOWN TOTAL			4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"W-2	C						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		R1	E						
5 NK 68B Agrisure Viptera 3111 w/Cruiser										23.3	54.2	36	97	98	
HALEX GT			4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-1	B						
AATREX			4	SC	0.5 lb ai/a	1 pt/a		2-4"W-1	B						
NIS (ACTIVATOR 90)			100	SL	0.25 % v/v	0.25 % v/v		2-4"W-1	B						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-1	B						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		R1	E						
6 NK 68B Agrisure Viptera 3111 w/Cruiser										24.4	53.9	35	99	99	
LEXAR			3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A						
HALEX GT			4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-2	C						
AATREX			4	SC	0.5 lb ai/a	1 pt/a		2-4"W-2	C						
NIS (ACTIVATOR 90)			100	SL	0.25 % v/v	0.25 % v/v		2-4"W-2	C						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D						
QUILT XCEL			2.2	SC	0.18 lb ai/a	10.5 fl oz/a		R1	E						
7 NK 68B Agrisure 3000 GT w/Cruiser										21.3	54.9	34	99	97	
AATREX			4	SC	1 lb ai/a	1 qt/a		PRE	A						
TOUCHDOWN TOTAL			4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"W-2	C						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C						
8 NK 68B Agrisure 3000 GT w/Cruiser										18.9	55.6	31	99	98	
HALEX GT			4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-1	B						
AATREX			4	SC	0.5 lb ai/a	1 pt/a		2-4"W-1	B						
NIS (ACTIVATOR 90)			100	SL	0.25 % v/v	0.25 % v/v		2-4"W-1	B						
N-PAK AMS			100	SL	2.5 % v/v	2.5 % v/v		2-4"W-1	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.

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Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code	Crop Code	Rating Date	ZEAMD 10-16-12	ZEAMD 10-16-12	ZEAMD 10-16-12	PANDI 6-11-12	PANDI 7-18-12	
Rating Type	Rating Unit	Rating Timing	Trt-Eval Interval	Moisture Percent	Test wt. lb/bu	Yield bu/A	Control Percent V5 6 DA-C	Control Percent R1 43 DA-C
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
9	NK 68B Agrisure 3000 GT w/Cruiser							
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C
10	NK 68B Agrisure Viptera 3111 w/Cruiser							
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C
11	NK 68B Agrisure Viptera 3111 w/Cruiser							
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B
12	NK 68B Agrisure Viptera 3111 w/Cruiser							
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C
13	NK 68B Agrisure 3000 GT w/Cruiser							
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D
14	NK 68B Agrisure 3000 GT w/Cruiser							
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D
15	NK 68B Agrisure 3000 GT w/Cruiser							
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D
16	NK 68B Agrisure Viptera 3111 w/Cruiser							
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D
17	NK 68B Agrisure Viptera 3111 w/Cruiser							
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D

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Investigator: Bryan Young

Pest Code Crop Code Rating Date	ZEAMD 10-16-12		ZEAMD 10-16-12		ZEAMD 10-16-12		PANDI 6-11-12		PANDI 7-18-12			
Rating Type Rating Unit Rating Timing Trt-Eval Interval	Moisture Percent		Test wt. lb/bu		Yield bu/A		Control Percent V5 6 DA-C		Control Percent R1 43 DA-C			
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
18 NK 68B Agrisure Viptera 3111 w/Cruiser								22.7	54.6	72	99	99
LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A					
HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C					
AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D					
19 NK 68B Agrisure 3000 GT w/Cruiser								21.2	54.8	60	97	97
AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A					
TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E					
20 NK 68B Agrisure 3000 GT w/Cruiser								20.9	55.1	49	98	98
HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B					
AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E					
21 NK 68B Agrisure 3000 GT w/Cruiser								19.6	55.5	43	98	98
LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A					
HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C					
AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E					
22 NK 68B Agrisure Viptera 3111 w/Cruiser								23.4	54.3	53	97	97
AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A					
TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E					
23 NK 68B Agrisure Viptera 3111 w/Cruiser								23.1	54.5	69	99	99
HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B					
AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E					
24 NK 68B Agrisure Viptera 3111 w/Cruiser								22.4	54.7	56	99	99
LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A					
HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C					
AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E					
LSD (P=.05)								.	.	.	.	.
Standard Deviation								.	.	.	.	.
CV								.	.	.	.	.

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code								AMBTR	AMBTR	ABUTH	ABUTH
Crop Code								6-11-12	7-18-12	6-11-12	7-18-12
Rating Date								Control	Control	Control	Control
Rating Type								Percent	Percent	Percent	Percent
Rating Unit								V5	R1	V5	R1
Rating Timing								6 DA-C	43 DA-C	6 DA-C	43 DA-C
Trt-Eval Interval											
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	Appl Code				
1	NK 68B Agrisure 3000 GT w/Cruiser							97	97	97	97
	AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E				
2	NK 68B Agrisure 3000 GT w/Cruiser							97	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E				
3	NK 68B Agrisure 3000 GT w/Cruiser							99	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E				
4	NK 68B Agrisure Viptera 3111 w/Cruiser							95	97	97	97
	AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E				
5	NK 68B Agrisure Viptera 3111 w/Cruiser							99	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E				
6	NK 68B Agrisure Viptera 3111 w/Cruiser							97	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E				
7	NK 68B Agrisure 3000 GT w/Cruiser							95	97	95	94
	AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C				
8	NK 68B Agrisure 3000 GT w/Cruiser							98	97	99	98
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B				

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval								AMBTR	AMBTR	ABUTH	ABUTH	
								6-11-12 Control Percent V5 6 DA-C	7-18-12 Control Percent R1 43 DA-C	6-11-12 Control Percent V5 6 DA-C	7-18-12 Control Percent R1 43 DA-C	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
9	NK 68B Agrisure 3000 GT w/Cruiser								99	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
10	NK 68B Agrisure Viptera 3111 w/Cruiser								97	97	87	90
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
11	NK 68B Agrisure Viptera 3111 w/Cruiser								97	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B				
12	NK 68B Agrisure Viptera 3111 w/Cruiser								98	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
13	NK 68B Agrisure 3000 GT w/Cruiser								97	99	97	97
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D				
14	NK 68B Agrisure 3000 GT w/Cruiser								99	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D				
15	NK 68B Agrisure 3000 GT w/Cruiser								99	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D				
16	NK 68B Agrisure Viptera 3111 w/Cruiser								95	97	95	97
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D				
17	NK 68B Agrisure Viptera 3111 w/Cruiser								99	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D				

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code								AMBTR	AMBTR	ABUTH	ABUTH	
Crop Code								6-11-12	7-18-12	6-11-12	7-18-12	
Rating Date								Control	Control	Control	Control	
Rating Type								Percent	Percent	Percent	Percent	
Rating Unit								V5	R1	V5	R1	
Rating Timing								6 DA-C	43 DA-C	6 DA-C	43 DA-C	
Trt-Eval Interval												
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
18	NK 68B Agrisure Viptera 3111 w/Cruiser								99	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D				
19	NK 68B Agrisure 3000 GT w/Cruiser								97	98	99	96
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E				
20	NK 68B Agrisure 3000 GT w/Cruiser								98	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E				
21	NK 68B Agrisure 3000 GT w/Cruiser								98	99	98	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E				
22	NK 68B Agrisure Viptera 3111 w/Cruiser								97	99	97	96
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A				
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E				
23	NK 68B Agrisure Viptera 3111 w/Cruiser								99	99	99	99
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E				
24	NK 68B Agrisure Viptera 3111 w/Cruiser								99	99	99	99
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A				
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C				
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C				
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C				
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C				
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	R1	E				
LSD (P=.05)								.	.	.	.
Standard Deviation								.	.	.	.
CV								.	.	.	.

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code	CERCZM	CERCZM	CERCZM	CERCZM	CERCZM					
Crop Code	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD					
Rating Date	8-10-12	8-10-12	8-24-12	8-24-12	9-7-12					
Rating Type	Incidence	Severity	Incidence	Severity	Incidence					
Rating Unit	Percent	Percent	Percent	Percent	Percent					
Rating Timing										
Trt-Eval Interval										
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	Appl Code				
1 NK 68B Agrisure 3000 GT w/Cruiser AATREX TOUCHDOWN TOTAL N-PAK AMS QUILT XCEL QUILT XCEL	4 4.17 100 2.2 2.2	SC SL SL SC SC	1 lb ai/a 0.78 lb ae/a 2.5 % v/v 0.18 lb ai/a 0.18 lb ai/a	1 qt/a 24 fl oz/a 2.5 % v/v 10.5 fl oz/a 10.5 fl oz/a	PRE 2-4"W-2 2-4"W-2 V5 R1	A C C D E	0	0	0	0
2 NK 68B Agrisure 3000 GT w/Cruiser HALEX GT AATREX NIS (ACTIVATOR 90) N-PAK AMS QUILT XCEL QUILT XCEL	4.38 4 100 100 2.2 2.2	CS SC SL SL SC SC	1.97 lb ai/a 0.5 lb ai/a 0.25 % v/v 2.5 % v/v 0.18 lb ai/a 0.18 lb ai/a	3.6 pt/a 1 pt/a 0.25 % v/v 2.5 % v/v 10.5 fl oz/a 10.5 fl oz/a	2-4"W-1 2-4"W-1 2-4"W-1 2-4"W-1 V5 R1	B B B B D E	0	0	0	0
3 NK 68B Agrisure 3000 GT w/Cruiser LEXAR HALEX GT AATREX NIS (ACTIVATOR 90) N-PAK AMS QUILT XCEL QUILT XCEL	3.7 4.38 4 100 100 2.2 2.2	SC CS SC SL SL SC SC	1.39 lb ai/a 1.97 lb ai/a 0.5 lb ai/a 0.25 % v/v 2.5 % v/v 0.18 lb ai/a 0.18 lb ai/a	1.5 qt/a 3.6 pt/a 1 pt/a 0.25 % v/v 2.5 % v/v 10.5 fl oz/a 10.5 fl oz/a	PRE 2-4"W-2 2-4"W-2 2-4"W-2 2-4"W-2 V5 R1	A C C C C D E	0	0	0	0
4 NK 68B Agrisure Viptera 3111 w/Cruiser AATREX TOUCHDOWN TOTAL N-PAK AMS QUILT XCEL QUILT XCEL	4 4.17 100 2.2 2.2	SC SL SL SC SC	1 lb ai/a 0.78 lb ae/a 2.5 % v/v 0.18 lb ai/a 0.18 lb ai/a	1 qt/a 24 fl oz/a 2.5 % v/v 10.5 fl oz/a 10.5 fl oz/a	PRE 2-4"W-2 2-4"W-2 V5 R1	A C C D E	0	0	0	0
5 NK 68B Agrisure Viptera 3111 w/Cruiser HALEX GT AATREX NIS (ACTIVATOR 90) N-PAK AMS QUILT XCEL QUILT XCEL	4.38 4 100 100 2.2 2.2	CS SC SL SL SC SC	1.97 lb ai/a 0.5 lb ai/a 0.25 % v/v 2.5 % v/v 0.18 lb ai/a 0.18 lb ai/a	3.6 pt/a 1 pt/a 0.25 % v/v 2.5 % v/v 10.5 fl oz/a 10.5 fl oz/a	2-4"W-1 2-4"W-1 2-4"W-1 2-4"W-1 V5 R1	B B B B D E	0	0	0	0
6 NK 68B Agrisure Viptera 3111 w/Cruiser LEXAR HALEX GT AATREX NIS (ACTIVATOR 90) N-PAK AMS QUILT XCEL QUILT XCEL	3.7 4.38 4 100 100 2.2 2.2	SC CS SC SL SL SC SC	1.39 lb ai/a 1.97 lb ai/a 0.5 lb ai/a 0.25 % v/v 2.5 % v/v 0.18 lb ai/a 0.18 lb ai/a	1.5 qt/a 3.6 pt/a 1 pt/a 0.25 % v/v 2.5 % v/v 10.5 fl oz/a 10.5 fl oz/a	PRE 2-4"W-2 2-4"W-2 2-4"W-2 2-4"W-2 V5 R1	A C C C C D E	0	0	0	0
7 NK 68B Agrisure 3000 GT w/Cruiser AATREX TOUCHDOWN TOTAL N-PAK AMS	4 4.17 100	SC SL SL	1 lb ai/a 0.78 lb ae/a 2.5 % v/v	1 qt/a 24 fl oz/a 2.5 % v/v	PRE 2-4"W-2 2-4"W-2	A C C	0	0	0	0
8 NK 68B Agrisure 3000 GT w/Cruiser HALEX GT AATREX NIS (ACTIVATOR 90) N-PAK AMS	4.38 4 100 100	CS SC SL SL	1.97 lb ai/a 0.5 lb ai/a 0.25 % v/v 2.5 % v/v	3.6 pt/a 1 pt/a 0.25 % v/v 2.5 % v/v	2-4"W-1 2-4"W-1 2-4"W-1 2-4"W-1	B B B B	0	0	0	0

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code								CERCZM	CERCZM	CERCZM	CERCZM	CERCZM	
Crop Code								ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	
Rating Date								8-10-12	8-10-12	8-24-12	8-24-12	9-7-12	
Rating Type								Incidence	Severity	Incidence	Severity	Incidence	
Rating Unit								Percent	Percent	Percent	Percent	Percent	
Rating Timing													
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Other Rate Unit	Growth Stage	Appl Code					
9	NK 68B Agrisure 3000 GT w/Cruiser								0	0	0	0	0
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A					
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-2	C					
	AATREX	4	SC	0.5 lb ai/a	1 pt/a		2-4"W-2	C					
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v		2-4"W-2	C					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C					
10	NK 68B Agrisure Viptera 3111 w/Cruiser								0	0	0	0	0
	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A					
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"W-2	C					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C					
11	NK 68B Agrisure Viptera 3111 w/Cruiser								0	0	0	0	0
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-1	B					
	AATREX	4	SC	0.5 lb ai/a	1 pt/a		2-4"W-1	B					
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v		2-4"W-1	B					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-1	B					
12	NK 68B Agrisure Viptera 3111 w/Cruiser								0	0	0	0	0
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A					
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-2	C					
	AATREX	4	SC	0.5 lb ai/a	1 pt/a		2-4"W-2	C					
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v		2-4"W-2	C					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C					
13	NK 68B Agrisure 3000 GT w/Cruiser								0	0	0	0	0
	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A					
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"W-2	C					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C					
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D					
14	NK 68B Agrisure 3000 GT w/Cruiser								0	0	0	0	0
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-1	B					
	AATREX	4	SC	0.5 lb ai/a	1 pt/a		2-4"W-1	B					
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v		2-4"W-1	B					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-1	B					
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D					
15	NK 68B Agrisure 3000 GT w/Cruiser								0	0	0	0	0
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A					
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-2	C					
	AATREX	4	SC	0.5 lb ai/a	1 pt/a		2-4"W-2	C					
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v		2-4"W-2	C					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C					
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D					
16	NK 68B Agrisure Viptera 3111 w/Cruiser								0	0	0	0	0
	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A					
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"W-2	C					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-2	C					
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D					
17	NK 68B Agrisure Viptera 3111 w/Cruiser								0	0	0	0	0
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"W-1	B					
	AATREX	4	SC	0.5 lb ai/a	1 pt/a		2-4"W-1	B					
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v		2-4"W-1	B					
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"W-1	B					
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a		V5	D					

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Investigator: Bryan Young

Pest Code	CERCZM	CERCZM	CERCZM	CERCZM	CERCZM						
Crop Code	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD						
Rating Date	8-10-12	8-10-12	8-24-12	8-24-12	9-7-12						
Rating Type	Incidence	Severity	Incidence	Severity	Incidence						
Rating Unit	Percent	Percent	Percent	Percent	Percent						
Rating Timing											
Trt-Eval Interval											
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	Appl Code					
18 NK 68B Agrisure Viptera 3111 w/Cruiser							0	0	0	0	0
LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A					
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C					
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D					
19 NK 68B Agrisure 3000 GT w/Cruiser							0	0	0	0	0
AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A					
TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E					
20 NK 68B Agrisure 3000 GT w/Cruiser							0	0	0	0	0
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B					
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E					
21 NK 68B Agrisure 3000 GT w/Cruiser							0	0	0	0	0
LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A					
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C					
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E					
22 NK 68B Agrisure Viptera 3111 w/Cruiser							0	0	0	0	0
AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A					
TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E					
23 NK 68B Agrisure Viptera 3111 w/Cruiser							0	0	0	0	0
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B					
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E					
24 NK 68B Agrisure Viptera 3111 w/Cruiser							0	0	0	0	0
LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A					
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C					
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C					
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C					
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C					
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E					
LSD (P=.05)											
Standard Deviation											
CV											

Southern Illinois University

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220

Location: Belleville Res. Center

Investigator: Bryan Young

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval								CERCZM ZEAMD 9-7-12 Severity Percent	CERCZM ZEAMD 9-21-12 Incidence Percent	CERCZM ZEAMD 9-21-12 Severity Percent
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	Appl Code			
1	NK 68B Agrisure 3000 GT w/Cruiser							0	90	1
	AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A			
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
2	NK 68B Agrisure 3000 GT w/Cruiser							0	90	1
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B			
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
3	NK 68B Agrisure 3000 GT w/Cruiser							0	85	1
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A			
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C			
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
4	NK 68B Agrisure Viptera 3111 w/Cruiser							0	85	1
	AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A			
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
5	NK 68B Agrisure Viptera 3111 w/Cruiser							0	90	1
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B			
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
6	NK 68B Agrisure Viptera 3111 w/Cruiser							0	85	1
	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A			
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C			
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
7	NK 68B Agrisure 3000 GT w/Cruiser							0	90	10
	AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A			
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
8	NK 68B Agrisure 3000 GT w/Cruiser							0	85	10
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B			
	AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B			
	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B			

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Investigator: Bryan Young

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval								CERCZM ZEAMD 9-7-12 Severity Percent	CERCZM ZEAMD 9-21-12 Incidence Percent	CERCZM ZEAMD 9-21-12 Severity Percent	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
9	NK 68B Agrisure 3000 GT w/Cruiser								0	90	10
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A			
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C			
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C			
10	NK 68B Agrisure Viptera 3111 w/Cruiser								0	90	5
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A			
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C			
11	NK 68B Agrisure Viptera 3111 w/Cruiser								0	90	10
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B			
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B			
12	NK 68B Agrisure Viptera 3111 w/Cruiser								0	90	5
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A			
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C			
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C			
13	NK 68B Agrisure 3000 GT w/Cruiser								0	80	10
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A			
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D			
14	NK 68B Agrisure 3000 GT w/Cruiser								0	90	10
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B			
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D			
15	NK 68B Agrisure 3000 GT w/Cruiser								0	90	10
	LEXAR	3.7	SC	1.39 lb ai/a	1.5	qt/a	PRE	A			
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-2	C			
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-2	C			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D			
16	NK 68B Agrisure Viptera 3111 w/Cruiser								0	90	5
	AATREX	4	SC	1 lb ai/a	1	qt/a	PRE	A			
	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24	fl oz/a	2-4"W-2	C			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-2	C			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D			
17	NK 68B Agrisure Viptera 3111 w/Cruiser								0	80	10
	HALEX GT	4.38	CS	1.97 lb ai/a	3.6	pt/a	2-4"W-1	B			
	AATREX	4	SC	0.5 lb ai/a	1	pt/a	2-4"W-1	B			
	NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25	% v/v	2-4"W-1	B			
	N-PAK AMS	100	SL	2.5 % v/v	2.5	% v/v	2-4"W-1	B			
	QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5	fl oz/a	V5	D			

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Investigator: Bryan Young

Pest Code	CERCZM	CERCZM	CERCZM						
Crop Code	ZEAMD	ZEAMD	ZEAMD						
Rating Date	9-7-12	9-21-12	9-21-12						
Rating Type	Severity	Incidence	Severity						
Rating Unit	Percent	Percent	Percent						
Rating Timing									
Trt-Eval Interval									
Trt Treatment No. Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	Appl Code			
18 NK 68B Agrisure Viptera 3111 w/Cruiser							0	90	5
LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A			
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C			
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C			
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	V5	D			
19 NK 68B Agrisure 3000 GT w/Cruiser							0	90	1
AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A			
TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
20 NK 68B Agrisure 3000 GT w/Cruiser							0	90	2
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B			
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B			
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
21 NK 68B Agrisure 3000 GT w/Cruiser							0	90	1
LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A			
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C			
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C			
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
22 NK 68B Agrisure Viptera 3111 w/Cruiser							0	90	2
AATREX	4	SC	1 lb ai/a	1 qt/a	PRE	A			
TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a	2-4"W-2	C			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
23 NK 68B Agrisure Viptera 3111 w/Cruiser							0	90	2
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-1	B			
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-1	B			
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-1	B			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-1	B			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
24 NK 68B Agrisure Viptera 3111 w/Cruiser							0	90	1
LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a	PRE	A			
HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a	2-4"W-2	C			
AATREX	4	SC	0.5 lb ai/a	1 pt/a	2-4"W-2	C			
NIS (ACTIVATOR 90)	100	SL	0.25 % v/v	0.25 % v/v	2-4"W-2	C			
N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v	2-4"W-2	C			
QUILT XCEL	2.2	SC	0.18 lb ai/a	10.5 fl oz/a	R1	E			
LSD (P=.05)									
Standard Deviation									
CV									

Syngenta ICS Corn Trial.

Trial ID: 12-1-W220
Location: Belleville Res. Center

Investigator: Bryan Young

Trial Comments

1. Protocol: Syngenta.
2. Ratings: Observe and rate any major differences in weed control at V5 and R1 applications.
Observe and note any disease or insect pressure from R1 to black layer.
3. Yield, test weight, and seed moisture; trim front and back 10 ft of center 2 rows in each plot prior to harvest.
4. Use high fertility to maximize yield potential, seeding rate is 30,000 s/A.
5. Photos of significant treatment differences would be appreciated.
6. Rainfall following the PRE application was 0.18 inch 2 days later, 0.28 inch 12 days later and 0.75 inch 23 days later.
7. Ratings at V5 were 23 DA-A, 6 DA-B, and 6 DA-C.
Ratings at R1 were 60 DA-A, 43 DA-B, and 43 DA-C.
8. CERCZM = Gray leaf spot (*Cercospora zeae-maydis*).
Plots were monitored for insects, there was no significant insect pressure observed.
9. Harvested 10-16-12, (2) 30 inch rows by 122 ft.