

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C Location: Belleville Res. Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Belleville IL 62221 USA
 Trial Status: FINAL Initiation Date: 06-14-08

Objectives: Evaluate Halex GT efficacy and crop response in glyphosate-resistant corn.
 Compare yield of Halex GT to competitive postemergence glyphosate.
 Evaluate Lumax or Lexar applied preemergence for weed control and yield in glyphosate-resistant corn.

Crop 1: ZEAMD Dent corn Variety: P33K44
 Planting Method: SEEDED Planting Date: 06-14-08
 Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN
 Row Spacing, Unit: 30 IN

Pest 1 Type: W Code: SETFA Setaria faberi Herrm. foxtail, giant
 Pest 2 Type: W Code: AMBTR Ambrosia trifida L. ragweed, giant
 Pest 3 Type: W Code: CHEAL Chenopodium album L. lambsquarters, common
 Pest 4 Type: W Code: AMATA Amaranthus rudis Sauer waterhemp, common
 Pest 5 Type: W Code: ABUTH Abutilon theophrasti Medicus velvetleaf
 Pest 6 Type: W Code: IPOHE Ipomoea hederacea (L.) Jacq. morningglory, ivyleaf

Plot Width, Unit: 10 FT Site Type: FIELD
 Plot Length, Unit: 30 FT Tillage Type: REDUCED-TILL
 Replications: 4 Study Design: Randomized Complete Block

Prior Crops, Year
 1. ZEAMD 2007

Field Prep./Maintenance: N 150 LB/A, P205 0 LB/A, K20 100 LB/A

% OM: 1.6 Texture: SILT LOAM
 pH: 6.1 Soil Name: CASEYVILLE
 CEC: 8 Fert. Level: P1 82 LB/A, K 408 LB/A

	Application Description			
	A	B	C	D
Application Date:	06-15-08	07-02-08	07-04-08	07-11-08
Time of Day:	10:00	9:00	11:00	12:30
Application Method:	Spray	Spray	Spray	Spray
Application Timing:	PRE	3-4"W	2-4"W-1	2-4"W-2
Application Placement:	BROSOI	BROFOL	BROFOL	BROFOL
Applied By:	TGM	DKT	NRJ	TGM
Air Temperature, Unit:	82 F	78 F	72 F	82 F
% Relative Humidity:	72	92	92	82
Wind Velocity, Unit:	2 MPH	6 MPH	4 MPH	4 MPH
Dew Presence (Y/N):	N	N	N	N
Soil Temperature, Unit:	80 F	84 F	83 F	86 F
Soil Moisture:	ABONOR	NORMAL	ABONOR	ABONOR
% Cloud Cover:	0		50	40
	06-15-08	07-02-08	07-04-08	07-11-08
Crop stage at application:	NA	V4	V4	V6
Height Min, Max (inch):		10 12	10 12	28 36

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	Pest Stage At Each Application			
Application Date:	06-15-08	07-02-08	07-04-08	07-11-08
Weed Code:	SETFA	SETFA	SETFA	SETFA
Stage Majority (leaves):	NA	3	4	3
Stage Min, Max:	1	4	2	5
Height Majority:	3	IN	3	IN
Height Min, Max:	2	5	1	6
Density, Unit:	2	FT2	2	FT2
Weed Code:	AMBTR	AMBTR	AMBTR	AMBTR
Stage Majority (leaves):	NA	4	4	2
Stage Min, Max:	2	4	2	4
Height Majority:	3	IN	3	IN
Height Min, Max:	1	4	2	4
Density, Unit:	1	FT2	1	FT2
Weed Code:	CHEAL	CHEAL	CHEAL	CHEAL
Stage Majority (leaves):	NA	NA	NA	2
Stage Min, Max:				COTY 2
Height Majority:				2
Height Min, Max:				1
Density, Unit:				3
Weed Code:	AMATA	AMATA	AMATA	AMATA
Stage Majority (leaves):	NA	NA	NA	NA
Weed Code:	ABUTH	ABUTH	ABUTH	ABUTH
Stage Majority (leaves):	NA	3	3	NA
Stage Min, Max:	2	3	2	4
Height Majority:	3	IN	3	IN
Height Min, Max:	1	4	1	4
Density, Unit:	1	FT2	0.5	FT2
Weed Code:	IPOHE	IPOHE	IPOHE	IPOHE
Stage Majority (leaves):	NA	NA	NA	3
Stage Min, Max:				COTY 5
Height Majority:				4
Height Min, Max:				1
Density, Unit:				0.5

Application Equipment

Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 PSI	30 PSI	30 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002	XR 8002	TT 11002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA	15 GPA

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

ZEAMD 11-10-08 Moisture Percent	ZEAMD 11-10-08 Yield bu/A	ZEAMD 07-02-08 Injury Percent 17 DA-A 0 DA-B	ZEAMD 07-09-08 Injury Percent 5 DA-C 7 DA-B	ZEAMD 07-16-08 Injury Percent 5 DA-D 14 DA-B	ZEAMD 07-30-08 Injury Percent 19 DA-D 28 DA-B
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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	11-10-08 Moisture Percent	11-10-08 Yield bu/A	07-02-08 Injury Percent 17 DA-A 0 DA-B	07-09-08 Injury Percent 5 DA-C 7 DA-B	07-16-08 Injury Percent 5 DA-D 14 DA-B	07-30-08 Injury Percent 19 DA-D 28 DA-B					
1	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	19.7	a		0	a	0	a				
1	HALEX GT	4.38	CS	1.97	lb ai/a	3.6	pt/a	3-4"W	B		216	a								
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	3-4"W	B											
2	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	19.6	a		0	a	0	a				
2	HALEX GT	4.38	CS	1.97	lb ai/a	3.6	pt/a	3-4"W	B		222	a								
2	AATREX	4	SC	1	lb ai/a	2	pt/a	3-4"W	B											
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	3-4"W	B											
3	LEXAR	3.7	SC	2.08	lb ai/a	2.25	qt/a	PRE	A	20.3	a		0	a	0	d	0	a		
3	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C		223	a								
3	TOUCHDOWN TOTAL	4.17	SL	0.78	lb ae/a	24	fl oz/a	2-4"-1	C											
4	LEXAR	3.7	SC	1.62	lb ai/a	1.75	qt/a	PRE	A	19.5	a		0	a	0	a	2	bcd	0	a
4	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C		228	a								
4	HALEX GT	4.38	CS	1.97	lb ai/a	3.6	pt/a	2-4"-1	C											
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-4"-1	C											
5	BICEP II MAG	5.5	SC	1.79	lb ai/a	1.3	qt/a	PRE	A	19.9	a		0	a	0	a	2	bcd	0	a
5	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C		231	a								
5	HALEX GT	4.38	CS	1.97	lb ai/a	3.6	pt/a	2-4"-1	C											
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-4"-1	C											
6	AATREX	4	SC	1	lb ai/a	1	qt/a	PRE	A	20.0	a		0	a	0	d	0	a	0	a
6	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C		232	a								
6	HALEX GT	4.38	CS	1.97	lb ai/a	3.6	pt/a	2-4"-1	C											
6	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-4"-1	C											
7	HARNESX XTRA 5.6	5.6	EC	2.1	lb ai/a	1.5	qt/a	PRE	A	20.2	a		0	a	0	d	0	a	0	a
7	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C		226	a								
7	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"-1	C											
8	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	19.4	a		0	a	1	cd	0	a	0	a
8	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4"W	B		223	a								
9	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	19.8	a		0	a	0	d	0	a	0	a
9	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4"W	B		230	a								
9	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-2	D											
9	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	2-4"-2	D											
10	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	20.0	a		0	a	0	d	0	a	0	a
10	LAUDIS	3.5	SC	0.082	lb ai/a	3	fl oz/a	3-4"W	B		231	a								
10	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4"W	B											
11	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	20.1	a		0	a	3	ab	0	a	0	a
11	SURESTART	4.25	SC	0.93	lb ai/a	1.75	pt/a	3-4"W	B		223	a								
11	DURANGO DMA	480	SL	0.75	lb ae/a	24	fl oz/a	3-4"W	B											
12	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	19.6	a		0	a	2	abc	0	a	0	a
12	STATUS	56	WG	0.0875	lb ai/a	2.5	oz/a	3-4"W	B		223	a								
12	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4"W	B											
13	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	3-4"W	B	20.3	a		0	a	4	a	0	a	0	a
13	IMPACT	2.8	SC	0.0164	lb ai/a	0.75	fl oz/a	3-4"W	B		218	a								
13	ROUNDUP P-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	3-4"W	B											
14	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	PRE	A	19.9	a		0	a	0	a	2	abc	0	a
14	LEXAR	3.7	SC	1.39	lb ai/a	1.5	qt/a	3-4"W	B											
15	LEXAR	3.7	SC	2.78	lb ai/a	3	qt/a	PRE	A	19.9	a		0	a	0	d	0	a	0	a
16	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C	19.4	a		0	a	1	cd	0	a	0	a
16	ROUNDUP P-MAX	4.5	SL	1.13	lb ae/a	32	fl oz/a	2-4"-1	C		222	a								
17	SURESTART	4.25	SC	0.93	lb ai/a	1.75	pt/a	PRE	A	19.9	a		0	a	3	abc	0	a	0	a
17	N-PAK AMS	100	SL	2.5	% v/v	2.5	% v/v	2-4"-1	C		216	a								
17	DURANGO DMA	480	SL	0.75	lb ae/a	24	fl oz/a	2-4"-1	C											
18	NONTREATED									19.4	a		0	a	0	d	0	a	0	a
LSD (P=.05)										1.37	16.3	0.0	0.0	1.9	0.0					

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Pest Code								
Crop Code								
Rating Date	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD		
Rating Data Type	11-10-08	11-10-08	07-02-08	07-09-08	07-16-08	07-30-08		
Rating Unit	Moisture	Yield	Injury	Injury	Injury	Injury		
Rating Timing	Percent	bu/A	Percent	Percent	Percent	Percent		
Trt-Eval Interval			17 DA-A	5 DA-C	5 DA-D	19 DA-D		
				0 DA-B	7 DA-B	14 DA-B	28 DA-B	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
Replicate F		8.739		8.115	0.000	0.000	0.935	0.000
Replicate Prob(F)		0.0001		0.0002	1.0000	1.0000	0.4307	1.0000
Treatment F		0.367		3.718	0.000	0.000	3.098	0.000
Treatment Prob(F)		0.9869		0.0001	1.0000	1.0000	0.0009	1.0000

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

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Pest Code						SETFA	SETFA	SETFA	SETFA	AMBTR	AMBTR	AMBTR	AMBTR			
Crop Code						07-02-08	07-30-08	08-27-08	10-16-08	07-02-08	07-30-08	08-27-08	10-16-08			
Rating Date						Control	Control	Control	Control	Control	Control	Control	Control			
Rating Data Type						Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent			
Rating Unit						17 DA-A	19 DA-D	47 DA-D	10-16-08	17 DA-A	19 DA-D	47 DA-D	10-16-08			
Rating Timing						0 DA-B	28 DA-B	56 DA-B	EOS	0 DA-B	28 DA-B	56 DA-B	EOS			
Trt-Eval Interval																
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code								
1	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		99 a	99 a	99 a				
1	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B				98 ab	99 a			
1	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B					99 a			
2	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		99 a	98 ab	98 ab				
2	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B				99 a	98 a			
2	AATREX	4	SC	1 lb ai/a	2 pt/a		3-4"W	B					98 a			
2	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B					98 a			
3	LEXAR	3.7	SC	2.08 lb ai/a	2.25 qt/a		PRE	A	93 bc	98 a	98 a	98 ab	91 a			
3	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			97 abc	98 ab	98 a			
3	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"-1	C								
4	LEXAR	3.7	SC	1.62 lb ai/a	1.75 qt/a		PRE	A	90 cd	99 a	99 a	99 a	41 c			
4	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			99 a	99 a	99 a			
4	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C								
4	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C								
5	BICEP II MAG	5.5	SC	1.79 lb ai/a	1.3 qt/a		PRE	A	88 d	99 a	99 a	99 a	43 c			
5	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			99 ab	99 a	99 a			
5	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C								
5	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C								
6	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A	64 f	99 a	99 a	99 a	36 cd			
6	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			98 ab	98 a	98 a			
6	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C								
6	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C								
7	HARNESX XTRA 5.6	5.6	EC	2.1 lb ai/a	1.5 qt/a		PRE	A	98 a	99 a	99 a	99 a	68 b			
7	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			94 c	94 bc	94 b			
7	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		2-4"-1	C								
8	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		90 ab	88 bc	88 bcd				
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B				85 e	83 e			
													89 d			
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		98 a	99 a	99 a				
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B				95 bc	97 ab			
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-2	D					97 a			
9	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-2	D								
10	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		89 b	84 c	84 cd				
10	LAUDIS	3.5	SC	0.082 lb ai/a	3 fl oz/a		3-4"W	B				96 abc	93 c			
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					93 bc			
11	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		97 ab	97 ab	97 ab				
11	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		3-4"W	B				96 abc	97 ab			
11	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		3-4"W	B					97 a			
12	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		95 ab	95 ab	95 abc				
12	STATUS	56	WG	0.0875 lb ai/a	2.5 oz/a		3-4"W	B				90 d	88 d			
12	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					90 cd			
13	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B		88 b	79 c	79 d				
13	IMPACT	2.8	SC	0.0164 lb ai/a	0.75 fl oz/a		3-4"W	B				84 e	78 f			
13	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					89 d			
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A	80 e	60 c	53 d	53 f	25 d			
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		3-4"W	B				99 a	99 a			
15	LEXAR	3.7	SC	2.78 lb ai/a	3 qt/a		PRE	A	96 ab	62 c	62 d	67 e	76 b			
												99 a	99 a			
16	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C		89 b	88 bc	88 bcd				
16	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-1	C				90 d	88 d			
													93 bc			
17	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		PRE	A	97 ab	96 ab	97 ab	97 ab	33 cd			
17	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			96 abc	97 ab	97 a			
17	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		2-4"-1	C								
18	NONTREATED								0 g	0 d	0 e	0 g	0 e			
LSD (P=.05)									4.2	9.2	10.7	11.0	13.6	3.6	3.8	3.0

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Crop Code								
Rating Date	07-02-08	07-30-08	08-27-08	10-16-08	07-02-08	07-30-08	08-27-08	10-16-08
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Timing	17 DA-A	19 DA-D	47 DA-D		17 DA-A	19 DA-D	47 DA-D	
Trt-Eval Interval	0 DA-B	28 DA-B	56 DA-B	EOS	0 DA-B	28 DA-B	56 DA-B	EOS

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
Replicate F		4.020		0.377		1.200		1.433	
Replicate Prob(F)		0.0189		0.7698		0.3192		0.2439	
Treatment F		476.267		57.053		44.042		41.008	
Treatment Prob(F)		0.0001		0.0001		0.0001		0.0001	

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Location: Belleville Res. Center

Pest Code				CHEAL	CHEAL	CHEAL	CHEAL						
Crop Code				07-02-08	07-30-08	08-27-08	10-16-08						
Rating Date				Control	Control	Control	Control						
Rating Data Type				Percent	Percent	Percent	Percent						
Rating Unit				17 DA-A	19 DA-D	47 DA-D	47 DA-D						
Rating Timing				0 DA-B	28 DA-B	56 DA-B	EOS						
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code					
1	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a
1	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B					
1	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B					
2	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a
2	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B					
2	AATREX	4	SC	1 lb ai/a	2 pt/a		3-4"W	B					
2	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B					
3	LEXAR	3.7	SC	2.08 lb ai/a	2.25 qt/a		PRE	A		99 a	99 a	99 a	99 a
3	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C					
3	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"-1	C					
4	LEXAR	3.7	SC	1.62 lb ai/a	1.75 qt/a		PRE	A		99 a	99 a	99 a	99 a
4	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C					
4	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C					
4	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C					
5	BICEP II MAG	5.5	SC	1.79 lb ai/a	1.3 qt/a		PRE	A		99 a	99 a	99 a	99 a
5	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C					
5	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C					
5	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C					
6	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A		99 a	99 a	99 a	99 a
6	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C					
6	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C					
6	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C					
7	HARNESX XTRA 5.6	5.6	EC	2.1 lb ai/a	1.5 qt/a		PRE	A		99 a	99 a	99 a	99 a
7	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C					
7	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		2-4"-1	C					
8	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			98 a	97 a	97 a
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-2	D					
9	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-2	D					
10	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a
10	LAUDIS	3.5	SC	0.082 lb ai/a	3 fl oz/a		3-4"W	B					
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					
11	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a
11	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		3-4"W	B					
11	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		3-4"W	B					
12	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			91 b	91 b	91 b
12	STATUS	56	WG	0.0875 lb ai/a	2.5 oz/a		3-4"W	B					
12	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					
13	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			98 a	98 a	98 a
13	IMPACT	2.8	SC	0.0164 lb ai/a	0.75 fl oz/a		3-4"W	B					
13	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B					
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A		99 a	99 a	99 a	99 a
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		3-4"W	B					
15	LEXAR	3.7	SC	2.78 lb ai/a	3 qt/a		PRE	A		99 a	99 a	99 a	99 a
16	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			88 b	88 b	88 b
16	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-1	C					
17	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		PRE	A		99 a	98 a	98 a	98 a
17	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C					
17	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		2-4"-1	C					
18	NONTREATED									0 b	0 c	0 c	0 c
LSD (P=.05)										0.0	5.0	5.0	5.0

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C Location: Belleville Res. Center

		CHEAL	CHEAL	CHEAL	CHEAL
Pest Code					
Crop Code					
Rating Date		07-02-08	07-30-08	08-27-08	10-16-08
Rating Data Type		Control	Control	Control	Control
Rating Unit		Percent	Percent	Percent	Percent
Rating Timing		17 DA-A	19 DA-D	47 DA-D	
Trt-Eval Interval		0 DA-B	28 DA-B	56 DA-B	EOS

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
Replicate F		0.000		2.452		2.264			2.264
Replicate Prob(F)		1.0000		0.0739		0.0922			0.0922
Treatment F		0.000		175.381		172.519			172.519
Treatment Prob(F)		1.0000		0.0001		0.0001			0.0001

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

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C

Location: Belleville Res. Center

Pest Code				AMATA	AMATA	AMATA	AMATA							
Crop Code				07-02-08	07-30-08	08-27-08	10-16-08							
Rating Date				Control	Control	Control	Control							
Rating Data Type				Percent	Percent	Percent	Percent							
Rating Unit				17 DA-A	19 DA-D	47 DA-D	Percent							
Rating Timing				0 DA-B	28 DA-B	56 DA-B	EOS							
Trt-Eval Interval														
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
1	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a	
1	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B						
1	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B						
2	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a	
2	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B						
2	AATREX	4	SC	1 lb ai/a	2 pt/a		3-4"W	B						
2	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B						
3	LEXAR	3.7	SC	2.08 lb ai/a	2.25 qt/a		PRE	A			99 a	99 a	99 a	
3	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C						
3	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"-1	C						
4	LEXAR	3.7	SC	1.62 lb ai/a	1.75 qt/a		PRE	A			99 a	99 a	99 a	
4	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C						
4	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C						
4	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C						
5	BICEP II MAG	5.5	SC	1.79 lb ai/a	1.3 qt/a		PRE	A			99 b	99 a	99 a	
5	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C						
5	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C						
5	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C						
6	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A			99 a	99 a	99 a	
6	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C						
6	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C						
6	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C						
7	HARNESX XTRA 5.6	5.6	EC	2.1 lb ai/a	1.5 qt/a		PRE	A			99 a	99 a	99 a	
7	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C						
7	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		2-4"-1	C						
8	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			98 ab	97 b	97 b	
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B						
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a	
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B						
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-2	D						
9	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-2	D						
10	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a	
10	LAUDIS	3.5	SC	0.082 lb ai/a	3 fl oz/a		3-4"W	B						
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B						
11	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a	
11	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		3-4"W	B						
11	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		3-4"W	B						
12	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			97 b	97 b	97 b	
12	STATUS	56	WG	0.0875 lb ai/a	2.5 oz/a		3-4"W	B						
12	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B						
13	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B			99 a	99 a	99 a	
13	IMPACT	2.8	SC	0.0164 lb ai/a	0.75 fl oz/a		3-4"W	B						
13	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B						
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A			99 a	99 a	99 a	
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		3-4"W	B						
15	LEXAR	3.7	SC	2.78 lb ai/a	3 qt/a		PRE	A			99 a	99 a	99 a	
16	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			96 b	96 b	96 b	
16	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-1	C						
17	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		PRE	A			99 a	99 a	99 a	
17	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C						
17	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		2-4"-1	C						
18	NONTREATED										0 c	0 c	0 c	
LSD (P=.05)											0.2	1.6	1.6	1.6

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C

Location: Belleville Res. Center

Pest Code	AMATA	AMATA	AMATA	AMATA
Crop Code				
Rating Date	07-02-08	07-30-08	08-27-08	10-16-08
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing	17 DA-A	19 DA-D	47 DA-D	
Trt-Eval Interval	0 DA-B	28 DA-B	56 DA-B	EOS

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
Replicate F				1.000					
Replicate Prob(F)				0.4098					
Treatment F				156718.016		1772.334		1701.198	1701.198
Treatment Prob(F)				0.0001		0.0001		0.0001	0.0001

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

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C

Location: Belleville Res. Center

Pest Code				ABUTH	ABUTH	ABUTH	ABUTH	IPOHE
Crop Code				07-02-08	07-30-08	08-27-08	10-16-08	07-02-08
Rating Date				Control	Control	Control	Control	Control
Rating Data Type				Percent	Percent	Percent	Percent	Percent
Rating Unit				17 DA-A	19 DA-D	47 DA-D	EOS	17 DA-A
Rating Timing				0 DA-B	28 DA-B	56 DA-B		0 DA-B
Trt-Eval Interval								
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code
1	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
1	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B
1	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B
2	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
2	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B
2	AATREX	4	SC	1 lb ai/a	2 pt/a		3-4"W	B
2	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B
3	LEXAR	3.7	SC	2.08 lb ai/a	2.25 qt/a		PRE	A
3	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
3	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"-1	C
4	LEXAR	3.7	SC	1.62 lb ai/a	1.75 qt/a		PRE	A
4	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
4	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C
4	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C
5	BICEP II MAG	5.5	SC	1.79 lb ai/a	1.3 qt/a		PRE	A
5	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
5	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C
5	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C
6	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A
6	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
6	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C
6	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C
7	HARNESX XTRA 5.6	5.6	EC	2.1 lb ai/a	1.5 qt/a		PRE	A
7	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
7	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		2-4"-1	C
8	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-2	D
9	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-2	D
10	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
10	LAUDIS	3.5	SC	0.082 lb ai/a	3 fl oz/a		3-4"W	B
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B
11	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
11	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		3-4"W	B
11	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		3-4"W	B
12	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
12	STATUS	56	WG	0.0875 lb ai/a	2.5 oz/a		3-4"W	B
12	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B
13	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B
13	IMPACT	2.8	SC	0.0164 lb ai/a	0.75 fl oz/a		3-4"W	B
13	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		3-4"W	B
15	LEXAR	3.7	SC	2.78 lb ai/a	3 qt/a		PRE	A
16	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
16	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-1	C
17	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		PRE	A
17	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C
17	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		2-4"-1	C
18	NONTREATED							
LSD (P=.05)								

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C Location: Belleville Res. Center

Pest Code	ABUTH	ABUTH	ABUTH	ABUTH	IPOHE
Crop Code					
Rating Date	07-02-08	07-30-08	08-27-08	10-16-08	07-02-08
Rating Data Type	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent
Rating Timing	17 DA-A	19 DA-D	47 DA-D		17 DA-A
Trt-Eval Interval	0 DA-B	28 DA-B	56 DA-B	EOS	0 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	
Replicate F				1.134		0.654		1.238	1.238	5.420
Replicate Prob(F)				0.3553		0.5842		0.3054	0.3054	0.0054
Treatment F				96.502		19203.117		13218.379	13218.379	22.690
Treatment Prob(F)				0.0001		0.0001		0.0001	0.0001	0.0001

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

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C

Location: Belleville Res. Center

Pest Code	XANST	XANST	XANST
Crop Code			
Rating Date	07-30-08	08-27-08	10-16-08
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Timing	19 DA-D	47 DA-D	
Trt-Eval Interval	28 DA-B	56 DA-B	EOS

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	98 ab	98 ab
1	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B			
1	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B			
2	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	99 a	99 a
2	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		3-4"W	B			
2	AATREX	4	SC	1 lb ai/a	2 pt/a		3-4"W	B			
2	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		3-4"W	B			
3	LEXAR	3.7	SC	2.08 lb ai/a	2.25 qt/a		PRE	A	99 a	99 a	99 a
3	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			
3	TOUCHDOWN TOTAL	4.17	SL	0.78 lb ae/a	24 fl oz/a		2-4"-1	C			
4	LEXAR	3.7	SC	1.62 lb ai/a	1.75 qt/a		PRE	A	99 a	99 a	99 a
4	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			
4	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C			
4	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C			
5	BICEP II MAG	5.5	SC	1.79 lb ai/a	1.3 qt/a		PRE	A	99 a	99 a	99 a
5	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			
5	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C			
5	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C			
6	AATREX	4	SC	1 lb ai/a	1 qt/a		PRE	A	99 a	99 a	99 a
6	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			
6	HALEX GT	4.38	CS	1.97 lb ai/a	3.6 pt/a		2-4"-1	C			
6	ACTIVATOR 90	100	SL	0.25 % v/v	0.25 % v/v		2-4"-1	C			
7	HARNESX XTRA 5.6	5.6	EC	2.1 lb ai/a	1.5 qt/a		PRE	A	98 a	96 ab	96 ab
7	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			
7	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		2-4"-1	C			
8	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	95 bc	95 bc
8	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B			
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	99 a	99 a
9	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B			
9	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-2	D			
9	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-2	D			
10	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	98 ab	98 ab
10	LAUDIS	3.5	SC	0.082 lb ai/a	3 fl oz/a		3-4"W	B			
10	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B			
11	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	99 a	99 a
11	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		3-4"W	B			
11	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		3-4"W	B			
12	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	97 ab	97 ab
12	STATUS	56	WG	0.0875 lb ai/a	2.5 oz/a		3-4"W	B			
12	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B			
13	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		3-4"W	B	99 a	97 ab	97 ab
13	IMPACT	2.8	SC	0.0164 lb ai/a	0.75 fl oz/a		3-4"W	B			
13	ROUNDUP P-MAX	4.5	SL	0.77 lb ae/a	22 fl oz/a		3-4"W	B			
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		PRE	A	99 a	99 a	99 a
14	LEXAR	3.7	SC	1.39 lb ai/a	1.5 qt/a		3-4"W	B			
15	LEXAR	3.7	SC	2.78 lb ai/a	3 qt/a		PRE	A	99 a	98 ab	98 ab
16	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C	96 b	93 c	93 c
16	ROUNDUP P-MAX	4.5	SL	1.13 lb ae/a	32 fl oz/a		2-4"-1	C			
17	SURESTART	4.25	SC	0.93 lb ai/a	1.75 pt/a		PRE	A	99 a	99 a	99 a
17	N-PAK AMS	100	SL	2.5 % v/v	2.5 % v/v		2-4"-1	C			
17	DURANGO DMA	480	SL	0.75 lb ae/a	24 fl oz/a		2-4"-1	C			
18	NONTREATED								0 c	0 d	0 d
LSD (P=.05)									1.5	3.0	3.0

Halex GT Evaluations in Reduced-Till Corn.

Trial ID: 08-6C Location: Belleville Res. Center

Pest Code	XANST	XANST	XANST
Crop Code			
Rating Date	07-30-08	08-27-08	10-16-08
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Timing	19 DA-D	47 DA-D	
Trt-Eval Interval	28 DA-B	56 DA-B	EOS

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code
Replicate F				1.156		3.203			3.203
Replicate Prob(F)				0.3358		0.0308			0.0308
Treatment F				1912.466		467.830			467.830
Treatment Prob(F)				0.0001		0.0001			0.0001

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

Trial Comments

1. Protocol: Syngenta (MS002A).
2. Ratings: CI at 7, 14 + 28 DA"B"; WC at 0, 28 + 56 DA"B" and at harvest.
3. Yield.
4. Applications C + D should be no later than V8 corn.
5. DA-A = Days after the PRE application. DA-B = Days after the 3-4"W application. DA-C = Days after the 2-4"W-1 application. DA-D = Days after the 2-4"W-2 application. IPOSS = Morningglory species including IPOHE and IPOLA.
6. At the Belleville Research Center the above normal rainfall in spring 2008 (no more than four consecutive rain-free days between March 22 and June 15) delayed corn and soybean planting until mid-June.
Following the PRE application on June 15, rainfall was 0.29 inch 5 days later and 0.35 inch 12 days later.
7. Harvested 11-10-08, (2) 30 inch rows by 27 ft.