

Sequential Programs in Liberty Link Corn.

Project Code: 07-6A-E90 Location: Belleville Research Center  
 Investigator: Bryan Young

Investigator: Bryan Young, Associate Professor, Southern Illinois University

City State Zip Country: Belleville IL 62221 USA  
 Trial Status: Final Updated: 1-23-08

**Objective:**

To evaluate preemergence foundation herbicides and postemergence tank-mix herbicides for use with Liberty in Liberty Link corn.

Weed Code	Common Name	Scientific Name
1. XANST	cocklebur, common	Xanthium strumarium L.
2. ABUTH	velvetleaf	Abutilon theophrasti Medicus
3. CHEAL	lambsquarters, common	Chenopodium album L.
4. AMATA	waterhemp, common	Amaranthus rudis Sauer
5. SETFA	foxtail, giant	Setaria faberi Herrm.

Crop 1: ZEAMX corn, field Variety: 33K44  
 Planting Method: Seeded Planting Date: 5-21-07  
 Rate: 28000 S/A Depth: 1.5 IN  
 Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 25 FT Reps: 3  
 Tillage Type: Reduced-Till Study Design: Randomized complete block  
 Previous Crop, Year: GLXMA, 2006  
 Field Prep./Maintenance: N 150 LB/A, P2O5 0 LB/A, K2O 0 LB/A

Soil Name: Stoy % OM: 2.0 pH: 6.3 CEC: 7  
 Texture: Silt loam Fert. Level: P1: 100 LB/A, K: 464 LB/A

APPLICATION DESCRIPTION	A	B	C
Application Date:	5-22-07	6-5-07	6-11-07
Time of Day:	7:30	7:30	9:00
Application Method:	Spray	Spray	Spray
Application Timing:	PRE	1-3"W	3-4"W
Applic. Placement:	BROSIOI	BROSIOI	BROSIOI
Air Temp., Unit:	68 F	70 F	70 F
% Relative Humidity:	80	90	92
Wind Velocity, Unit:	0-1 MPH	1-3 MPH	0 MPH
Dew Presence (Y/N):	N	N	Y
Soil Moisture:	NORMAL	NORMAL	NORMAL
% Cloud Cover:	20	20	100

CROP STAGE AT EACH APPLICATION	A	B	C
Crop 1 Code, Stage:	ZEAMX NA	ZEAMX V2	ZEAMX V4
Height, Unit:	NA NA	7-8 IN	10-13 IN

WEED STAGE AT EACH APPLICATION	A	B	C
Weed 1 Code:		XANST	XANST
Stage(leaves):		Coty-4	2-6
Height(inches):		0.5-3	1-5
Density:		High	High
Weed 2 Code:		ABUTH	ABUTH
Stage(leaves):		Coty-2	2-6
Height(inches):		0.5-2	1-4
Density:		Medium	Medium
Weed 3 Code:		CHEAL	CHEAL
Stage(leaves):		Coty-2	2-4
Height(inches):		0.5-1	1-3
Density:		Medium	Low
Weed 4 Code:		AMATA	AMATA
Stage(leaves):		Coty-2	2-6
Height(inches):		0.5-1	1-3
Density:		Medium	Low
Weed 5 Code:		SETFA	SETFA
Stage(leaves):		1-3	1-4
Height(inches):		1-3	1-4
Density:		Medium	Medium

APPLICATION EQUIPMENT	A	B	C
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002	XR 8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA

NOTES:

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Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	ZEAMX Injury Percent 6-5-07 0 DA-B	ZEAMX Injury Percent 6-25-07 14 DA-C	ZEAMX Injury Percent 7-16-07 35 DA-C	XANST Control Percent 6-11-07 0 DA-C	XANST Control Percent 6-25-07 14 DA-C	XANST Control Percent 7-16-07 35 DA-C	ABUTH Control Percent 6-11-07 0 DA-C	ABUTH Control Percent 6-25-07 14 DA-C	ABUTH Control Percent 7-16-07 35 DA-C
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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Prod Rate	Prod Unit	Grow Stg	Appl Code									
1	NONTREATED								0 a	0 a	0 a	0 f	0 d	0 d	0 e	0 d	0 e
2	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		PRE	A	0 a	0 a	0 a	77 bcd	94 abc	87 bc	96 ab	96 c	93 d
2	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
2	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
3	HARNESX XTRA	6 L		1.8 lb ai/a	1.2 qt/a		PRE	A	0 a	0 a	0 a	68 d	94 abc	93 a	92 bc	99 a	99 a
3	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
3	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
4	HARNESX	7 EC		1.09 lb ai/a	1.25 pt/a		PRE	A	0 a	0 a	0 a	7 ef	95 abc	89 ab	77 d	96 c	95 bcd
4	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
4	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
5	BALANCE PRO	4 SC		0.047 lb ai/a	1.5 fl oz/a		PRE	A	0 a	0 a	0 a	13 e	95 abc	90 ab	92 bc	98 abc	98 ab
5	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
5	LAUDIS	3.5 SC		0.0547 lb ai/a	2 fl oz/a		3-4"W	C									
5	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
6	BALANCE PRO	4 SC		0.0312 lb ai/a	1.0 fl oz/a		PRE	A	0 a	0 a	0 a	73 cd	96 ab	90 ab	96 ab	98 ab	96 abc
6	AATREX	90 WG		0.5 lb ai/a	0.556 lb/a		PRE	A									
6	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
6	LAUDIS	3.5 SC		0.0547 lb ai/a	2 fl oz/a		3-4"W	C									
6	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
7	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		PRE	A	0 a	0 a	0 a	73 cd	94 abc	90 ab	96 ab	98 abc	95 bcd
7	LIBERTY	1.67 EC		0.417 lb ai/a	32 fl oz/a		3-4"W	C									
7	LAUDIS	3.5 SC		0.0547 lb ai/a	2 fl oz/a		3-4"W	C									
7	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
8	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		PRE	A	0 a	0 a	0 a	75 bcd	96 abc	87 bc	95 abc	98 abc	94 cd
8	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
8	LAUDIS	3.5 SC		0.0547 lb ai/a	2 fl oz/a		3-4"W	C									
8	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
9	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		PRE	A	0 a	0 a	0 a	80 bcd	96 abc	83 c	93 bc	98 ab	96 abc
9	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
9	IMPACT	2.8 SC		0.0109 lb ai/a	0.5 fl oz/a		3-4"W	C									
9	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
10	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		PRE	A	0 a	0 a	0 a	86 b	96 abc	90 ab	96 ab	99 a	98 ab
10	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		3-4"W	C									
10	CALLISTO	4 SC		0.0625 lb ai/a	2.0 fl oz/a		3-4"W	C									
10	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
11	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		PRE	A	0 a	0 a	0 a	83 bc	97 a	92 ab	93 bc	98 ab	96 abc
11	ROUNDUP ORIG MAX	4.5 SL		0.77 lb ae/a	22 fl oz/a		3-4"W	C									
11	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
12	HARNESX XTRA	6 L		1.8 lb ai/a	1.2 qt/a		PRE	A	0 a	0 a	0 a	68 d	96 ab	93 a	90 c	98 ab	99 a
12	ROUNDUP ORIG MAX	4.5 SL		0.77 lb ae/a	22 fl oz/a		3-4"W	C									
12	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		3-4"W	C									
13	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		1-3"W	B		0 a	0 a	99 a	95 abc	93 a	99 a	97 bc	99 a
13	LUMAX	3.94 L		1.97 lb ai/a	2.0 qt/a		1-3"W	B									
13	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		1-3"W	B									
14	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		1-3"W	B		0 a	0 a	99 a	92 c	87 bc	99 a	98 ab	98 ab
14	LAUDIS	3.5 SC		0.0547 lb ai/a	2 fl oz/a		1-3"W	B									
14	DEFINE	4 SC		0.187 lb ai/a	6.0 oz/a		1-3"W	B									
14	AATREX	90 WG		0.5 lb ai/a	0.556 lb/a		1-3"W	B									
14	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		1-3"W	B									
15	SP102000017385	2.34 SL		0.402 lb ai/a	22 fl oz/a		1-3"W	B		0 a	0 a	99 a	93 bc	92 ab	99 a	99 a	99 a
15	LAUDIS	3.5 SC		0.082 lb ai/a	3 fl oz/a		1-3"W	B									
15	AATREX	90 WG		1.0 lb ai/a	1.11 lb/a		1-3"W	B									
15	N-PAK AMS	100 LIQ		5.0 % v/v	5 % v/v		1-3"W	B									

LSD (P=.05)	0.0	0.0	0.0	11.9	3.4	5.6	6.0	1.9	2.8
Replicate F	0.000	0.000	0.000	0.027	4.300	1.682	2.452	4.821	0.714
Replicate Prob(F)	1.0000	1.0000	1.0000	0.9737	0.0235	0.2043	0.1044	0.0159	0.4983
Treatment F	0.000	0.000	0.000	63.877	441.122	143.937	144.220	1427.281	665.799
Treatment Prob(F)	1.0000	1.0000	1.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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

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Weed Code	CHEAL	CHEAL	CHEAL	AMATA	AMATA	AMATA									
Crop Code	Control	Control	Control	Control	Control	Control									
Rating Data Type	Percent	Percent	Percent	Percent	Percent	Percent									
Rating Unit	6-11-07	6-25-07	7-16-07	6-11-07	6-25-07	7-16-07									
Rating Date	0 DA-C	14 DA-C	35 DA-C	0 DA-C	14 DA-C	35 DA-C									
Trt-Eval Interval															
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Prod Rate	Prod Unit	Grow Stg	Appl Code							
1	NONTREATED								0 c	0 b	0 c	0 b	0 b	0 b	0 b
2	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
2	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
2	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
3	HARNESX XTRA	6	L	1.8 lb ai/a	1.2	qt/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
3	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
3	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
4	HARNESX	7	EC	1.09 lb ai/a	1.25	pt/a	PRE	A	96 b	99 a	99 a	99 a	99 a	99 a	99 a
4	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
4	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
5	BALANCE PRO	4	SC	0.047 lb ai/a	1.5	fl oz/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
5	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
5	LAUDIS	3.5	SC	0.0547 lb ai/a	2	fl oz/a	3-4"	W C							
5	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
6	BALANCE PRO	4	SC	0.0312 lb ai/a	1.0	fl oz/a	PRE	A	99 a	99 a	98 b	99 a	99 a	99 a	99 a
6	AATREX	90	WG	0.5 lb ai/a	0.556	lb/a	PRE	A							
6	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
6	LAUDIS	3.5	SC	0.0547 lb ai/a	2	fl oz/a	3-4"	W C							
6	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
7	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	PRE	A	99 a	99 a	98 ab	99 a	99 a	99 a	99 a
7	LIBERTY	1.67	EC	0.417 lb ai/a	32	fl oz/a	3-4"	W C							
7	LAUDIS	3.5	SC	0.0547 lb ai/a	2	fl oz/a	3-4"	W C							
7	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
8	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
8	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
8	LAUDIS	3.5	SC	0.0547 lb ai/a	2	fl oz/a	3-4"	W C							
8	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
9	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
9	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
9	IMPACT	2.8	SC	0.0109 lb ai/a	0.5	fl oz/a	3-4"	W C							
9	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
10	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
10	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	3-4"	W C							
10	CALLISTO	4	SC	0.0625 lb ai/a	2.0	fl oz/a	3-4"	W C							
10	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
11	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	PRE	A	99 a	99 a	99 a	99 a	99 a	99 a	99 a
11	ROUNDUP ORIG MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	3-4"	W C							
11	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
12	HARNESX XTRA	6	L	1.8 lb ai/a	1.2	qt/a	PRE	A	99 a	99 a	98 ab	99 a	99 a	99 a	99 a
12	ROUNDUP ORIG MAX	4.5	SL	0.77 lb ae/a	22	fl oz/a	3-4"	W C							
12	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	3-4"	W C							
13	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	1-3"	W B	99 a	99 a	99 a	99 a	99 a	99 a	99 a
13	LUMAX	3.94	L	1.97 lb ai/a	2.0	qt/a	1-3"	W B							
13	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	1-3"	W B							
14	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	1-3"	W B	99 a	99 a	99 a	99 a	99 a	99 a	99 a
14	LAUDIS	3.5	SC	0.0547 lb ai/a	2	fl oz/a	1-3"	W B							
14	DEFINE	4	SC	0.187 lb ai/a	6.0	oz/a	1-3"	W B							
14	AATREX	90	WG	0.5 lb ai/a	0.556	lb/a	1-3"	W B							
14	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	1-3"	W B							
15	SP102000017385	2.34	SL	0.402 lb ai/a	22	fl oz/a	1-3"	W B	99 a	99 a	99 a	99 a	99 a	99 a	99 a
15	LAUDIS	3.5	SC	0.082 lb ai/a	3	fl oz/a	1-3"	W B							
15	AATREX	90	WG	1.0 lb ai/a	1.11	lb/a	1-3"	W B							
15	N-PAK AMS	100	LIQ	5.0 % v/v	5	% v/v	1-3"	W B							
LSD (P=.05)									2.2	0.0	0.9	0.0	0.0	0.0	0.0
Replicate F									1.000	0.000	0.318	0.000	0.000	0.000	0.000
Replicate Prob(F)									0.3806	1.0000	0.7301	1.0000	1.0000	1.0000	1.0000
Treatment F									1085.286	0.000	6991.307	0.000	0.000	0.000	0.000
Treatment Prob(F)									0.0001	1.0000	0.0001	1.0000	1.0000	1.0000	1.0000

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Weed Code	SETFA	SETFA	SETFA
Crop Code			
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Date	6-11-07	6-25-07	7-16-07
Trt-Eval Interval	0 DA-C	14 DA-C	35 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
1	NONTREATED									0 e	0 c	0 d
2	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	77 bcd	99 a	95 abc
2	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
2	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
3	HARNESX XTRA	6	L	1.8	lb ai/a	1.2	qt/a	PRE	A	99 a	99 a	99 a
3	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
3	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
4	HARNESX	7	EC	1.09	lb ai/a	1.25	pt/a	PRE	A	99 a	98 a	95 bc
4	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
4	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
5	BALANCE PRO	4	SC	0.047	lb ai/a	1.5	fl oz/a	PRE	A	67 d	98 a	93 c
5	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
5	LAUDIS	3.5	SC	0.0547	lb ai/a		2 fl oz/a	3-4"	W C			
5	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
6	BALANCE PRO	4	SC	0.0312	lb ai/a	1.0	fl oz/a	PRE	A	87 b	97 ab	96 abc
6	AATREX	90	WG	0.5	lb ai/a	0.556	lb/a	PRE	A			
6	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
6	LAUDIS	3.5	SC	0.0547	lb ai/a		2 fl oz/a	3-4"	W C			
6	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
7	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	73 cd	98 a	96 abc
7	LIBERTY	1.67	EC	0.417	lb ai/a		32 fl oz/a	3-4"	W C			
7	LAUDIS	3.5	SC	0.0547	lb ai/a		2 fl oz/a	3-4"	W C			
7	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
8	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	67 d	98 a	96 abc
8	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
8	LAUDIS	3.5	SC	0.0547	lb ai/a		2 fl oz/a	3-4"	W C			
8	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
9	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	72 cd	98 a	93 c
9	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
9	IMPACT	2.8	SC	0.0109	lb ai/a		0.5 fl oz/a	3-4"	W C			
9	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
10	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	81 bc	98 a	92 c
10	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	3-4"	W C			
10	CALLISTO	4	SC	0.0625	lb ai/a		2.0 fl oz/a	3-4"	W C			
10	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
11	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	82 bc	97 ab	93 c
11	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	3-4"	W C			
11	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
12	HARNESX XTRA	6	L	1.8	lb ai/a	1.2	qt/a	PRE	A	99 a	98 a	98 ab
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a		22 fl oz/a	3-4"	W C			
12	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	3-4"	W C			
13	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	1-3"	W B	99 a	98 a	96 abc
13	LUMAX	3.94	L	1.97	lb ai/a		2.0 qt/a	1-3"	W B			
13	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	1-3"	W B			
14	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	1-3"	W B	99 a	97 ab	96 abc
14	LAUDIS	3.5	SC	0.0547	lb ai/a		2 fl oz/a	1-3"	W B			
14	DEFINE	4	SC	0.187	lb ai/a		6.0 oz/a	1-3"	W B			
14	AATREX	90	WG	0.5	lb ai/a	0.556	lb/a	1-3"	W B			
14	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	1-3"	W B			
15	SP102000017385	2.34	SL	0.402	lb ai/a		22 fl oz/a	1-3"	W B	99 a	95 b	95 abc
15	LAUDIS	3.5	SC	0.082	lb ai/a		3 fl oz/a	1-3"	W B			
15	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	1-3"	W B			
15	N-PAK AMS	100	LIQ	5.0	% v/v		5 % v/v	1-3"	W B			

LSD (P=.05)	10.5	2.3	4.1
Replicate F	3.180	2.114	0.352
Replicate Prob(F)	0.0570	0.1396	0.7067
Treatment F	49.704	995.451	298.469
Treatment Prob(F)	0.0001	0.0001	0.0001

Sequential Programs in Liberty Link Corn.

Project Code: 07-6A-E90      Location: Belleville Research Center  
 Investigator: Bryan Young

Weed Code	SETFA	SETFA	SETFA
Crop Code			
Rating Data Type	Control	Control	Control
Rating Unit	Percent	Percent	Percent
Rating Date	6-11-07	6-25-07	7-16-07
Trt-Eval Interval	0 DA-C	14 DA-C	35 DA-C

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Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code
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Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: Bayer (MRC).
2. Ratings: CI at "B" application and 14 DA "C"; WC at "C" application and 14 + 35 DA "C" application.
3. No yield data necessary.
4. DA-B = Days after 1-3"W application.  
 Ratings at 0 DA-B were also prior to the 3-4"W (C) application and 14 days after the PRE (A) application.  
 DA-C = Days after 3-4"W application.  
 Ratings at 0 DA-C were also 6 days after the 1-3"W (B) application and 20 days after the PRE (A) application.  
 Ratings at 14 DA-C were also 20 days after the 1-3"W (B) application and 34 days after the PRE (A) application.