

Roundup Ready Corn Program Comparison - Monsanto.

Project Code: 07-11A-E120 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:

Evaluate various sequential herbicide programs in Roundup Ready 2 corn that utilize a residual herbicide at planting.

Weed Code	Common Name	Scientific Name
1. SETFA	foxtail, giant	Setaria faberi Herrm.
2. AMATA	waterhemp, common	Amaranthus rudis Sauer
3. AMBTR	ragweed, giant	Ambrosia trifida L.
4. IPOHE	morningglory, annual	Ipomoea hederacea (L.) jacq.
5. AMBEL	ragweed, common	Ambrosia artemisiifolia L.
6. XANST	cocklebur, common	Xanthium strumarium L.

Crop 1: ZEAMX corn, field Variety: DKC 61-73 RR2
Planting Method: Seeded Planting Date: 5-22-07
Rate: 28000 S/A Depth: 1.5 IN
Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 26 FT Reps: 4
Tillage Type: Reduced-Till Study Design: Randomized complete block
Previous Crop, Year: GLXMA, 2006
Field Prep./Maintenance: N 150 LB/A, P205 0 LB/A, K20 100 LB/A

Soil Name: Weir % OM: 2.3 pH: 6.8 CEC: 11
Texture: Silt loam Fert. Level: P1: 97 LB/A, K: 313 LB/A

APPLICATION DESCRIPTION

	A	B	C	D
Application Date:	5-24-07	6-11-07	6-15-07	6-29-07
Time of Day:	7:00	10:45	9:30	17:30
Application Method:	Spray	Spray	Spray	Spray
Application Timing:	PRE	2-4"W-1	2-4"W-2	2WKLater
Applic. Placement:	BROSOI	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	72 F	76 F	76 F	74 F
% Relative Humidity:	80	74	84	92
Wind Velocity, Unit:	0-2 MPH	0-2 MPH	0 MPH	1-3 MPH
Dew Presence (Y/N):	N	N	N	N
Soil Moisture:	NORMAL	NORMAL	NORMAL	ABONOR
% Cloud Cover:	0	100	0	0

CROP STAGE AT EACH APPLICATION

	A	B	C	D
Crop 1 Code, Stage:	ZEAMX NA	ZEAMX V4	ZEAMX V6	ZEAMX V8
Height, Unit:	NA NA	10-12 IN	16-18 IN	30-36 IN

WEED STAGE AT EACH APPLICATION

	A	B	C	D
Weed 1 Code:		SETFA	SETFA	SETFA
Stage(leaves):		2-4	2-4	2-4
Height(inches):		1-4	1-4	1-3
Density:		High	High	Low
Weed 2 Code:		AMATA	AMATA	AMATA
Stage(leaves):		4-8	4-10	2-4
Height(inches):		1-4	1-4	1-3
Density:		Medium	Medium	Low
Weed 3 Code:		AMBTR	AMBTR	AMBTR
Stage(leaves):		2-6	2-4	Coty-2
Height(inches):		2-4	2-4	1-3
Density:		High	Medium	Low
Weed 4 Code:		IPOHE	IPOHE	IPOHE
Stage(leaves):		1-3	2-4	Coty-2
Height(inches):		1-3	1-3	0-2
Density:		Low	Low	Medium
Weed 5 Code:		AMBEL	AMBEL	
Stage(leaves):		2-4	2-4	
Height(inches):		1-2	1-3	
Density:		Low	Low	
Weed 6 Code:			XANST	
Stage(leaves):			3-5	
Height(inches):			2-5	
Density:			Low	

APPLICATION EQUIPMENT

	A	B	C	D
Appl. Equipment:	CO2 sprayer	CO2 sprayer	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002	XR 8002	XR 8002
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

NOTES:

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Weed Code										SETFA	SETFA	AMATA	AMATA											
Crop Code										Control	Control	Control	Control											
Rating Data Type										Percent	Percent	Percent	Percent											
Rating Unit										10-4-07	10-4-07	6-15-07	10-4-07											
Rating Date										@Harvest	@Harvest	0 DA-C	@Harvest											
Trt-Eval Interval										0 DA-C	@Harvest	0 DA-C	@Harvest											
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code															
1	HARNESX XTRA	5.6	L	2.1	lb ai/a	3	pt/a	PRE	A	14.7	ab	203	abc											
1	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
2	DEGREE XTRA	4	L	2.02	lb ai/a	4	pt/a	PRE	A	14.8	ab	207	abc											
2	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
3	GUARDSMAN MAX	5	L	1.56	lb ai/a	2.5	pt/a	PRE	A	14.9	ab	209	ab											
3	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
4	GUARDSMAN MAX	5	L	1.875	lb ai/a	3	pt/a	PRE	A	14.7	ab	201	abc											
4	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
5	HARNESX	7	EC	1.3	lb ai/a	1.5	pt/a	PRE	A	14.9	ab	200	abc											
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
6	DEGREE	3.8	ME	1.43	lb ai/a	3	pt/a	PRE	A	15.0	ab	204	abc											
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
7	OUTLOOK	6	EC	0.56	lb ai/a	12	fl oz/a	PRE	A	15.0	ab	205	abc											
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
8	OUTLOOK	6	EC	0.75	lb ai/a	16	fl oz/a	PRE	A	14.3	ab	213	ab											
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
8	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
9	LEXAR	3.7	L	1.86	lb ai/a	4	pt/a	PRE	A	14.8	ab	210	ab											
9	TOUCHDOWN TOTAL	4.17	SC	0.78	lb ae/a	24	fl oz/a	2-4"W-2	C															
9	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
10	BICEP II MAGNUM	5.5	L	2.0	lb ai/a	2.9	pt/a	PRE	A	15.0	ab	214	a											
10	TOUCHDOWN TOTAL	4.17	SC	0.78	lb ae/a	24	fl oz/a	2-4"W-2	C															
10	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
11	AATREX	90	WG	1.5	lb ai/a	1.67	lb/a	PRE	A	14.0	b	200	abc											
11	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
11	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
12	BALANCE PRO	4	SC	0.0625	lb ai/a	2	fl oz/a	PRE	A	14.9	ab	204	abc											
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
12	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
13	RESOLVE	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	14.1	b	193	bc											
13	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A															
13	STEADFAST	75	WG	0.035	lb ai/a	0.75	oz/a	2-4"W-2	C															
13	CALLISTO	4	SC	0.0625	lb ai/a	2	fl oz/a	2-4"W-2	C															
13	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W-2	C	0	a	0	a											
14	LEXAR	3.7	L	2.78	lb ai/a	3	qt/a	PRE	A	15.0	ab	207	abc											
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C															
15	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a													
16	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-1	B	15.0	ab	195	abc											
16	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-1	B															
16	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2WKLater	D															
16	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2WKLater	D															
17	NONTREATED									14.2	b	84	d											
18	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	15.3	a	201	abc											
18	PRINCEP	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A															
18	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	0	a	0	a											
18	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	0	a	0	a											
LSD (P=.05)										1.08		19.8		0.0		0.0		2.6		2.1		4.3		0.0

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Weed Code	ZEAMX				SETFA	SETFA	AMATA	AMATA	
Crop Code	Moisture	Yield	Injury	Injury	Control	Control	Control	Control	
Rating Data Type	Percent	bu/A	Percent	Percent	Percent	Percent	Percent	Percent	
Rating Unit	10-4-07	10-4-07	6-15-07	10-4-07	6-15-07	10-4-07	6-15-07	10-4-07	
Rating Date			0 DA-C	@Harvest	0 DA-C	@Harvest	0 DA-C	@Harvest	
Trt-Eval Interval									
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code
Replicate F		4.698		3.622		0.000		0.000	0.315
Replicate Prob(F)		0.0057		0.0190		1.0000		1.0000	0.8145
Treatment F		0.935		16.988		0.000		0.000	683.175
Treatment Prob(F)		0.5403		0.0001		1.0000		1.0000	0.0001

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

Roundup Ready Corn Program Comparison - Monsanto.

Project Code: 07-11A-E120 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code										AMBTR	AMBTR	IPOHE	IPOHE	AMBEL	AMBEL	XANST	XANST
Crop Code										Control	Control	Control	Control	Control	Control	Control	Control
Rating Data Type										Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Unit										6-15-07	10-4-07	6-15-07	10-4-07	6-15-07	10-4-07	6-15-07	10-4-07
Rating Date										0 DA-C	@Harvest	0 DA-C	@Harvest	0 DA-C	@Harvest	0 DA-C	@Harvest
Trt-Eval Interval																	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code								
1	HARNESS XTRA	5.6	L	2.1	lb ai/a	3	pt/a	PRE	A	96	ab	99	a	99	a	99	a
1	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
2	DEGREE XTRA	4	L	2.02	lb ai/a	4	pt/a	PRE	A	94	ab	99	a	96	a	99	a
2	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
3	GUARDSMAN MAX	5	L	1.56	lb ai/a	2.5	pt/a	PRE	A	96	ab	99	a	98	a	99	a
3	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
4	GUARDSMAN MAX	5	L	1.875	lb ai/a	3	pt/a	PRE	A	97	ab	99	a	99	a	99	a
4	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
5	HARNESS	7	EC	1.3	lb ai/a	1.5	pt/a	PRE	A	62	c	98	b	18	cd	99	a
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
6	DEGREE	3.8	ME	1.43	lb ai/a	3	pt/a	PRE	A	40	d	99	a	15	d	99	a
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
7	OUTLOOK	6	EC	0.56	lb ai/a	12	fl oz/a	PRE	A	48	d	99	a	21	c	99	a
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
8	OUTLOOK	6	EC	0.75	lb ai/a	16	fl oz/a	PRE	A	38	d	99	a	13	d	99	a
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
8	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
9	LEXAR	3.7	L	1.86	lb ai/a	4	pt/a	PRE	A	98	ab	99	a	98	a	99	a
9	TOUCHDOWN TOTAL	4.17	SC	0.78	lb ae/a	24	fl oz/a	2-4"W-2	C								
9	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
10	BICEP II MAGNUM	5.5	L	2.0	lb ai/a	2.9	pt/a	PRE	A	95	ab	99	a	98	a	99	a
10	TOUCHDOWN TOTAL	4.17	SC	0.78	lb ae/a	24	fl oz/a	2-4"W-2	C								
10	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
11	AATREX	90	WG	1.5	lb ai/a	1.67	lb/a	PRE	A	96	ab	99	a	98	a	99	a
11	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
11	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
12	BALANCE PRO	4	SC	0.0625	lb ai/a	2	fl oz/a	PRE	A	88	b	99	a	21	c	99	a
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
12	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
13	RESOLVE	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	97	ab	99	a	97	a	99	a
13	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A								
13	STEADFAST	75	WG	0.035	lb ai/a	0.75	oz/a	2-4"W-2	C								
13	CALLISTO	4	SC	0.0625	lb ai/a	2	fl oz/a	2-4"W-2	C								
13	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W-2	C								
14	LEXAR	3.7	L	2.78	lb ai/a	3	qt/a	PRE	A	98	a	99	a	99	a	99	a
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
15	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
16	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-1	B	70	c	99	a	50	b	99	a
16	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-1	B								
16	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2WKLater	D								
16	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2WKLater	D								
17	NONTREATED									0	e	0	c	0	e	0	b
18	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	98	ab	99	a	99	a	99	a
18	PRINCEP	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A								
18	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C								
18	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C								
LSD (P=.05)										10.7		0.7		5.6		0.0	16.9
Replicate F										1.076		1.000		1.836		0.000	0.673
Replicate Prob(F)										0.3683		0.4005		0.1533		1.0000	0.5731
Treatment F										61.925		9790.354		431.272		0.000	24.881
Treatment Prob(F)										0.0001		0.0001		0.0001		1.0000	0.0001

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

Roundup Ready Corn Program Comparison - Monsanto.

Project Code: 07-11A-E120 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	ABUTH
Crop Code	
Rating Data Type	Control
Rating Unit	Percent
Rating Date	10-4-07
Trt-Eval Interval	@Harvest

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	
1	HARNESX XTRA	5.6	L	2.1	lb ai/a	3	pt/a	PRE	A	99 a
1	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
1	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
2	DEGREE XTRA	4	L	2.02	lb ai/a	4	pt/a	PRE	A	99 a
2	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
2	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
3	GUARDSMAN MAX	5	L	1.56	lb ai/a	2.5	pt/a	PRE	A	99 a
3	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
3	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
4	GUARDSMAN MAX	5	L	1.875	lb ai/a	3	pt/a	PRE	A	99 a
4	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
4	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
5	HARNESX	7	EC	1.3	lb ai/a	1.5	pt/a	PRE	A	99 a
5	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
5	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
6	DEGREE	3.8	ME	1.43	lb ai/a	3	pt/a	PRE	A	99 a
6	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
6	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
7	OUTLOOK	6	EC	0.56	lb ai/a	12	fl oz/a	PRE	A	99 a
7	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
7	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
8	OUTLOOK	6	EC	0.75	lb ai/a	16	fl oz/a	PRE	A	99 a
8	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
8	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
9	LEXAR	3.7	L	1.86	lb ai/a	4	pt/a	PRE	A	99 a
9	TOUCHDOWN TOTAL	4.17	SC	0.78	lb ae/a	24	fl oz/a	2-4"W-2	C	
9	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
10	BICEP II MAGNUM	5.5	L	2.0	lb ai/a	2.9	pt/a	PRE	A	99 a
10	TOUCHDOWN TOTAL	4.17	SC	0.78	lb ae/a	24	fl oz/a	2-4"W-2	C	
10	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
11	AATREX	90	WG	1.5	lb ai/a	1.67	lb/a	PRE	A	99 a
11	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
11	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
12	BALANCE PRO	4	SC	0.0625	lb ai/a	2	fl oz/a	PRE	A	99 a
12	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
12	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
13	RESOLVE	25	WG	0.0156	lb ai/a	1	oz/a	PRE	A	99 a
13	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	
13	STEADFAST	75	WG	0.035	lb ai/a	0.75	oz/a	2-4"W-2	C	
13	CALLISTO	4	SC	0.0625	lb ai/a	2	fl oz/a	2-4"W-2	C	
13	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	2-4"W-2	C	
14	LEXAR	3.7	L	2.78	lb ai/a	3	qt/a	PRE	A	99 a
15	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	99 a
15	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	
16	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-1	B	99 a
16	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-1	B	
16	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2WKLater	D	
16	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2WKLater	D	
17	NONTREATED									0 b
18	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	99 a
18	PRINCEP	90	WG	1.0	lb ai/a	1.11	lb/a	PRE	A	
18	ROUNDUP ORIG MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	2-4"W-2	C	
18	N-PAK AMS	100	LIQ	5.0	% v/v	5	% v/v	2-4"W-2	C	

LSD (P=.05)

0.0

Roundup Ready Corn Program Comparison - Monsanto.

Project Code: 07-11A-E120 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code	ABUTH
Crop Code	
Rating Data Type	Control
Rating Unit	Percent
Rating Date	10-4-07
Trt-Eval Interval	@Harvest

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code
Replicate F									0.000
Replicate Prob(F)									1.0000
Treatment F									0.000
Treatment Prob(F)									1.0000

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

Trial Comments

1. Protocol: Monsanto (46-08).
2. Ratings: CI/WC at POST and at harvest.
3. Yield.
4. DA-C = Days after 2-4"W-2 application.
 Ratings at 0 DA-C were also 22 and 4 days after the PRE (A) and 2-4"W-1 (B) applications, respectively.
5. Harvested 10-4-07, (2) 30 inch rows by 23 ft.