

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 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: 11-14-05**Objective:**

To evaluate various rimsulfuron and thifensulfuron ratios as burndown treatments in no-till corn.

Weed Code	Common Name	Scientific Name
1. HORPU	barley, little	Hordeum pusillum Nutt.
2. POLPY	smartweed, Pennsylvania	Polygonum pennsylvanicum L.
3. RANAB	buttercup, smallflower	Ranunculus abortivus L.
4. ALLVI	garlic, wild	Allium vineale L.
5. SETFA	foxtail, giant	Setaria faberi Herrm.
6. AMBEL	ragweed, common	Ambrosia artemisiifolia L.
7. AMATA	waterhemp, common	Amaranthus rudis Sauer
8. CHEAL	lambsquarters, common	Chenopodium album L.

Crop 1:	ZEAMX corn, field	Variety:	33P65 RR
Planting Method:	Seeded	Planting Date:	5-8-05
Rate:	28000 S/A	Depth:	1.5 IN
Row Spacing:	30 IN		

Plot Width, Unit:	10 FT	Plot Length, Unit:	28 FT	Reps:	3
Tillage Type:	No-Till	Study Design:	Randomized complete block		
Previous Crop, Year:	GLXMA, 2004				

Field Prep./Maintenance: N 150 LB/A, P205 50 LB/A, K20 100 LB/A

Soil Name:	Weir	% OM:	1.6	pH:	6.1	CEC:	8
Texture:	Silt loam	Fert. Level:	P1: 91 LB/A, K: 410 LB/A				

APPLICATION DESCRIPTION

	A	B
Application Date:	04-27-05	06-10-05
Time of Day:	7:00	10:00
Application Method:	Spray	Spray
Application Timing:	14DBP	16-20"CN
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	46 F	80 F
% Relative Humidity:	70	75
Wind Velocity, Unit:	3 MPH	3 MPH
Soil Moisture:	ABONOR	NORMAL

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ZEAMX NA	ZEAMX V6
Height, Unit:	NA NA	17 IN

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code:	HORPU	
Stage (leaves):	5-6	
Height (inches):	6-8	
Density:	High	
Weed 2 Code:	POLPY	POLPY
Stage (leaves):	5-6	8-12
Height (inches):	1-3	10-20
Density:	Low	Medium
Weed 3 Code:	RANAB	
Stage (leaves):	10+	
Height (inches):	8-12	
Density:	Low	
Weed 4 Code:	ALLVI	
Stage (leaves):	3-4	
Height (inches):	8-16	
Density:	Medium	
Weed 5 Code:	SETFA	SETFA
Stage (leaves):	2-3	5-8
Height (inches):	1-2	5-8
Density:	Low	Medium
Weed 6 Code:	AMBEL	AMBEL
Stage (leaves):	5-6	18-22
Height (inches):	1-3	10-14
Density:	Low	Low
Weed 7 Code:		AMATA
Stage (leaves):		10-16
Height (inches):		6-12
Density:		Medium

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
Investigator: Bryan Young

Weed 8 Code: CHEAL
Stage (leaves): 5-6
Height (inches): 1-3
Density: Low

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	40 PSI	40 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	8002	8002
Boom Length, Unit:	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA

NOTES:

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
 Investigator: Bryan Young

									HORPU	RANAB	ALLVI	ZEAMX			SETFA	SETFA	
									Control	Control	Control	Injury	Injury	Injury	Control	Control	
									Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
									05-08-05	05-08-05	05-08-05	05-22-05	06-05-05	07-08-05	06-05-05	07-08-05	
									0 DAP	0 DAP	0 DAP	14 DAP	28 DAP	28 DA-B	28 DAP	28 DA-B	
Trt	Treatment	Form	Form	Rate	Rate	Prod	Prod	Grow	Appl								
No.	Name	Conc	Type	Unit	Unit	Rate	Unit	Stg	Code								
1	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	52	70	38	0	0	0	10	99
1	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
1	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
1	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
1	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	57	73	43	0	0	0	0	99
2	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
2	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
2	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
2	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
3	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	50	77	43	0	0	0	55	99
3	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
3	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
3	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
3	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
4	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	63	80	43	0	0	0	7	99
4	HARMONY GT XP	75	WG	0.00519	lb ai/a	0.111	oz/a	14DBP	A								
4	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
4	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
4	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
5	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	42	87	43	0	0	0	0	99
5	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A								
5	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
5	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
5	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
6	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	55	87	60	0	0	0	0	99
6	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A								
6	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
6	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
6	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
6	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
7	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	42	80	60	0	0	0	68	99
7	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A								
7	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
7	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
7	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
7	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
8	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	68	83	73	0	0	0	42	99
8	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A								
8	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
8	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
8	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
8	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
9	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	68	83	52	0	0	0	7	99
9	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A								
9	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
9	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
9	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
9	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
10	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	57	83	60	0	0	0	25	99
10	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A								
10	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
10	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
10	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
10	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
11	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	80	88	52	0	0	0	20	99
11	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A								
11	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A								
11	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
11	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A								
11	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
11	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
 Investigator: Bryan Young

Weed Code		Crop Code		Rating Data Type		Rating Unit		Rating Date		Trt-Eval Interval		HORPU	RANAB	ALLVI	ZEAMX	ZEAMX	ZEAMX	SETFA	SETFA
Trt	Treatment	Form	Form	Rate	Rate	Prod	Prod	Grow	Appl	Control	Control	Control	Control	Control	Control	Control	Control	Control	Control
No.	Name	Conc	Type	Unit	Unit	Rate	Unit	Stg	Code	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
										05-08-05	05-08-05	05-08-05	05-22-05	06-05-05	07-08-05	06-05-05	07-08-05	06-05-05	07-08-05
										0 DAP	0 DAP	0 DAP	14 DAP	28 DAP	28 DA-B	28 DAP	28 DA-B	28 DAP	28 DA-B
12	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	85	90	58	0	0	0	12	99		
12	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
12	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A										
12	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
12	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
12	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
12	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
13	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	62	99	37	0	0	0	60	99		
13	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
13	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A										
13	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
13	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
13	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
14	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	52	93	35	0	0	0	17	99		
14	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
14	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A										
14	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
14	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
14	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	53	96	43	0	0	0	43	99		
15	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
15	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A										
15	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
15	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
15	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
16	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	62	90	38	0	0	0	83	99		
16	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
16	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A										
16	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
16	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
16	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
17	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	40	87	38	0	0	0	56	99		
17	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
17	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A										
17	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
17	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
17	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
18	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	70	90	45	0	0	0	43	99		
18	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
18	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A										
18	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
18	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
18	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
19	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	57	96	38	0	0	0	68	99		
19	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
19	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A										
19	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A										
19	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
19	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
19	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
19	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										
20	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	47	93	43	0	0	0	73	99		
20	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A										
20	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A										
20	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A										
20	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A										
20	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A										
20	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B										
20	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B										

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
 Investigator: Bryan Young

									HORPU	RANAB	ALLVI	ZEAMX	ZEAMX	ZEAMX	SETFA	SETFA	
									Control	Control	Control	Injury	Injury	Injury	Control	Control	
									Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
									05-08-05	05-08-05	05-08-05	05-22-05	06-05-05	07-08-05	06-05-05	07-08-05	
									0 DAP	0 DAP	0 DAP	14 DAP	28 DAP	28 DA-B	28 DAP	28 DA-B	
Trt	Treatment	Form	Form	Rate	Rate	Prod	Prod	Grow	Appl								
No.	Name	Conc	Type	Unit	Unit	Rate	Unit	Stg	Code								
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	14DBP	A	99	99	53	0	0	0	10	99
21	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A								
21	AMS	100	DRY	2.0	lb/a	2	lb/a	14DBP	A								
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B								
21	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
22	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B	0	0	0	0	0	0	0	99
22	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B								
23	NONTREATED									0	0	0	0	0	0	0	0
LSD (P=.05)										23.7	8.6	23.3	0.0	0.0	0.0	44.0	0.0
Replicate F										0.667	0.832	9.035	0.000	0.000	0.000	1.782	0.000
Replicate Prob(F)										0.5184	0.4419	0.0005	1.0000	1.0000	1.0000	0.1802	1.0000
Treatment F										7.218	75.073	4.223	0.000	0.000	0.000	3.328	0.000
Treatment Prob(F)										0.0001	0.0001	0.0001	1.0000	1.0000	1.0000	0.0003	1.0000

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
 Investigator: Bryan Young

									AMBEL	AMBEL	AMATA	AMATA	POLPY	POLPY	POLPY	
									Control	Control	Control	Control	Control	Control	Control	
									Percent	Percent	Percent	Percent	Percent	Percent	Percent	
									06-05-05	07-08-05	06-05-05	07-08-05	05-08-05	06-05-05	07-08-05	
									28 DAP	28 DA-B	28 DAP	28 DA-B	0 DAP	28 DAP	28 DA-B	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code							
1	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	83	99	0	99	45	77	97
1	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
1	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
1	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
1	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	80	99	0	99	55	43	93
2	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
2	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
2	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
2	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
3	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	83	99	38	99	55	62	95
3	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
3	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
3	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
3	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
4	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	77	99	0	99	85	77	99
4	HARMONY GT XP	75	WG	0.00519	lb ai/a	0.111	oz/a	14DBP	A							
4	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
4	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
4	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
5	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	92	99	0	99	99	83	99
5	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A							
5	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
5	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
5	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
6	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	77	99	7	99	99	85	99
6	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A							
6	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
6	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
6	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
6	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
7	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	85	99	34	99	83	88	99
7	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A							
7	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
7	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
7	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
7	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
8	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	89	99	10	99	96	98	99
8	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A							
8	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
8	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
8	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
8	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
9	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	85	99	0	99	89	85	99
9	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A							
9	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
9	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
9	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
9	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
10	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	89	99	0	99	99	94	99
10	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A							
10	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
10	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
10	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
10	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
11	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	98	99	30	99	99	99	99
11	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A							
11	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A							
11	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
11	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A							
11	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
11	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
Investigator: Bryan Young

Weed Code				AMBEL	AMBEL	AMATA	AMATA	POLPY	POLPY	POLPY					
Crop Code				Control	Control	Control	Control	Control	Control	Control					
Rating Data Type				Percent	Percent	Percent	Percent	Percent	Percent	Percent					
Rating Unit				06-05-05	07-08-05	06-05-05	07-08-05	05-08-05	06-05-05	07-08-05					
Rating Date				28 DAP	28 DA-B	28 DAP	28 DA-B	0 DAP	28 DAP	28 DA-B					
Trt-Eval Interval															
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code						
12	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99	20	98	99	99
12	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
12	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A						
12	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
12	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
12	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
12	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
13	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99	91	99	99	99
13	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
13	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A						
13	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
13	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
13	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
14	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	99	99	52	99	99	99
14	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
14	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A						
14	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
14	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
14	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	98	99	69	99	90	78
15	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
15	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A						
15	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
15	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
15	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
16	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	98	99	72	99	99	99
16	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
16	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A						
16	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
16	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
16	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
17	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99	88	99	99	91
17	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
17	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A						
17	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
17	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
17	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
18	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99	86	99	96	94
18	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
18	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A						
18	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
18	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
18	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
19	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99	96	99	99	99
19	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
19	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A						
19	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A						
19	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
19	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
19	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
19	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						
20	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99	78	99	99	99
20	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A						
20	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A						
20	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A						
20	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A						
20	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A						
20	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B						
20	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B						

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
 Investigator: Bryan Young

									AMBEL	AMBEL	AMATA	AMATA	POLPY	POLPY	POLPY	
									Control	Control	Control	Control	Control	Control	Control	
									Percent	Percent	Percent	Percent	Percent	Percent	Percent	
									06-05-05	07-08-05	06-05-05	07-08-05	05-08-05	06-05-05	07-08-05	
									28 DAP	28 DA-B	28 DAP	28 DA-B	0 DAP	28 DAP	28 DA-B	
Trt	Treatment	Form	Form	Rate	Rate	Prod	Prod	Grow	Appl							
No.	Name	Conc	Type	Unit	Unit	Rate	Unit	Stg	Code							
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	14DBP	A	96	99	0	99	99	99	99
21	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A							
21	AMS	100	DRY	2.0	lb/a	2	lb/a	14DBP	A							
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B							
21	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
22	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B	0	98	0	99	0	0	98
22	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B							
23	NONTREATED									0	0	0	0	0	0	0
LSD (P=.05)										7.6	0.8	38.7	0.8	13.7	19.2	2.8
Replicate F										0.789	1.503	0.428	1.000	1.250	4.769	3.272
Replicate Prob(F)										0.4605	0.2337	0.6547	0.3761	0.2972	0.0133	0.0474
Treatment F										106.682	5295.066	7.309	5507.313	40.012	18.188	433.692
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
Investigator: Bryan Young

									CHEAL	CHEAL	
									Control	Control	
									Percent	Percent	
									06-05-05	07-08-05	
									28 DAP	28 DA-B	
Trt	Treatment	Form	Form	Rate	Rate	Prod	Prod	Grow	Appl		
No.	Name	Conc	Type	Unit	Unit	Rate	Unit	Stg	Code		
1	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	99	99
1	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
1	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
1	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
1	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
2	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
2	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
2	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
2	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
2	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
3	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
3	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
3	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
3	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
3	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
4	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	99	99
4	HARMONY GT XP	75	WG	0.00519	lb ai/a	0.111	oz/a	14DBP	A		
4	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
4	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
4	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
4	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
5	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	98	99
5	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
5	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
5	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
5	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
5	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
6	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
6	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
6	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
6	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
6	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
6	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
7	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
7	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
7	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
7	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
7	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
7	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
8	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	99	99
8	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A		
8	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
8	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
8	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
8	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
9	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
9	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A		
9	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
9	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
9	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
9	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
10	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
10	HARMONY GT XP	75	WG	0.0156	lb ai/a	0.333	oz/a	14DBP	A		
10	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
10	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
10	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
10	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
11	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	99	99
11	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
11	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A		
11	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
11	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
11	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
11	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
Investigator: Bryan Young

Weed Code	CHEAL	CHEAL
Crop Code		
Rating Data Type	Control	Control
Rating Unit	Percent	Percent
Rating Date	06-05-05	07-08-05
Trt-Eval Interval	28 DAP	28 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code		
12	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
12	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
12	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A		
12	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
12	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
12	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
12	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
13	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
13	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
13	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A		
13	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
13	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
13	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
14	DPX-E9636	25	WG	0.0104	lb ai/a	0.666	oz/a	14DBP	A	99	99
14	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
14	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A		
14	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
14	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
14	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
15	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
15	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
15	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A		
15	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
15	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
15	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
16	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
16	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
16	KARMEX	80	WG	0.8	lb ai/a	1	lb/a	14DBP	A		
16	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
16	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
16	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
17	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
17	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
17	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A		
17	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
17	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
17	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
18	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
18	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
18	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A		
18	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
18	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
18	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
19	DPX-E9636	25	WG	0.0156	lb ai/a	1	oz/a	14DBP	A	99	99
19	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
19	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A		
19	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A		
19	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
19	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
19	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
19	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
20	DPX-E9636	25	WG	0.0313	lb ai/a	2	oz/a	14DBP	A	99	99
20	HARMONY GT XP	75	WG	0.00781	lb ai/a	0.167	oz/a	14DBP	A		
20	BALANCE PRO	4	SC	0.0469	lb ai/a	1.5	fl oz/a	14DBP	A		
20	AATREX	90	WG	1.0	lb ai/a	1.11	lb/a	14DBP	A		
20	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
20	PRIME OIL COC	100	LIQ	1.0	% v/v	1	% v/v	14DBP	A		
20	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
20	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		

Rimsulfuron and Thifensulfuron in No-Till Corn.

Project Code: 05-2B-MMW120 Location: Belleville Research Center
Investigator: Bryan Young

Weed Code	CHEAL	CHEAL
Crop Code		
Rating Data Type	Control	Control
Rating Unit	Percent	Percent
Rating Date	06-05-05	07-08-05
Trt-Eval Interval	28 DAP	28 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code		
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	14DBP	A	99	99
21	2,4-D LV4	3.8	EC	0.5	lb ai/a	1.05	pt/a	14DBP	A		
21	AMS	100	DRY	2.0	lb/a	2	lb/a	14DBP	A		
21	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B		
21	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
22	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	16-20"CN	B	0	99
22	AMS	100	DRY	2.0	lb/a	2	lb/a	16-20"CN	B		
23	NONTREATED									0	0
LSD (P=.05)										0.8	0.0
Replicate F										1.000	0.000
Replicate Prob(F)										0.3761	1.0000
Treatment F										10512.439	0.000
Treatment Prob(F)										0.0001	1.0000

Trial Comments

1. Protocol: DuPont.
2. Ratings: CI 14, 28 and 42 DAP; WC 0, 28 and 42 DAP and 28 DA POST.
3. Take final rating of 14DBP application efficacy before the 16-20"CN application even if not quite 42 DAP.
4. DAP = Days after planting. 0 DAP = at planting. DA-B = Days after 16-20"CN application.
5. Not possible to rate 14DBP application at 42 DAP as the 16-20"CN application was required at 32 DAP.
Ratings at 28 DAP are prior to POST.