

Assessment of Carryover from Preplant Soybean Herbicides Applied in 2006.

Blanket applications, see comments.

Project Code: 07-2B-ME90 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:**

Determine the presence of any potential carryover of soybean herbicides applied in 2006 to corn planted in 2007.

Crop 1: GLXMA soybean Variety: Asgrow 4403 RR  
 Planting Method: Seeded Planting Date: 5-23-06  
 Rate: 75 lb/A Depth: 1.0 IN  
 Row Spacing: 30 IN

Crop 2: ZEAMX corn, field Variety: 33K44  
 Planting Method: Seeded Planting Date: 5-24-07  
 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: Reduced-Till Study Design: Randomized complete block  
 Previous Crop, Year: GLXMA, 2006  
 Field Prep./Maintenance: N 150 LB/A, P205 0 LB/A, K20 0 LB/A

Soil Name: Weir % OM: 2.4 pH: 6.6 CEC: 8  
 Texture: Silt loam Fert. Level: P1: 86 LB/A, K: 360 LB/A

**APPLICATION DESCRIPTION**

	A	B	C
Application Date:	5-2-06	5-17-06	6-20-06
Time of Day:	15:30	10:30	10:30
Application Method:	Spray	Spray	Spray
Application Timing:	EPP14	EPP7	28DAP
Applic. Placement:	BROFOL	BROFOL	BROFOL
Air Temp., Unit:	78 F	70 F	84 F
% Relative Humidity:	46	74	71
Wind Velocity, Unit:	1-2 MPH	3-5 MPH	7 MPH
Soil Moisture:	NORMAL	NORMAL	BELNOR

**CROP STAGE AT EACH APPLICATION**

	A	B	C
Crop 1 Code, Stage:	GLXMA NA	GLXMA NA	GLXMA V3
Height, Unit:	NA NA	NA NA	8 IN
Crop 2 Code, Stage:	ZEAMX NA	ZEAMX NA	ZEAMX NA
Height, Unit:	NA NA	NA NA	NA NA

**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:	8003	8003	8002
Boom Length, Unit:	7.5 FT	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA	20 GPA

**NOTES:**

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Blanket applications, see comments.

Project Code: 07-2B-ME90 Location: Belleville Research Center

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Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Moisture	Yield	V Stage	V Stage	Injury	Injury	Stunt	Stunt
Percent	bu/A			Percent	Percent	Percent	Percent
10-6-07	10-6-07	5-31-07	6-7-07	6-7-07	6-21-07	6-7-07	6-21-07
		7 DAP	14 DAP	14 DAP	28 DAP	14 DAP	28 DAP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code	15.8 abc	184 abc	1 a	3 a	0 a	0 a	0 a	0 a
1	NONTREATED																
2	SPARTAN	4 L		0.167	lb ai/a	5.34	fl oz/a	EPP14	A	15.2 bc	190 abc	1 a	3 a	0 a	0 a	0 a	0 a
2	FIRSTRATE	84 WG		0.021	lb ai/a	0.4	oz/a	EPP14	A								
2	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	EPP14	A								
2	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	EPP14	A								
2	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C								
2	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
3	SPARTAN	4 L		0.167	lb ai/a	5.34	fl oz/a	EPP14	A	16.6 abc	197 a	1 a	3 a	0 a	0 a	0 a	0 a
3	PURSUIT	2 SL		0.063	lb ai/a	4.03	fl oz/a	EPP14	A								
3	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	EPP14	A								
3	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	EPP14	A								
3	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C								
3	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
4	SPARTAN	4 L		0.167	lb ai/a	5.34	fl oz/a	EPP14	A	16.2 abc	189 abc	1 a	3 a	0 a	0 a	0 a	0 a
4	SENCOR	75 WG		0.098	lb ai/a	2.1	oz/a	EPP14	A								
4	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	EPP14	A								
4	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	EPP14	A								
4	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C								
4	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
5	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	15.2 bc	175 c	1 a	3 a	0 a	0 a	0 a	0 a
5	PURSUIT	2 SL		0.0312	lb ai/a	2	fl oz/a	EPP14	A								
5	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A								
5	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C								
5	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
6	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	16.9 ab	180 abc	1 a	3 a	0 a	0 a	0 a	0 a
6	PURSUIT	2 SL		0.047	lb ai/a	3	fl oz/a	EPP14	A								
6	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A								
6	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C								
6	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
7	EXTREME	2.17 SL		0.81	lb ai/a	3	pt/a	EPP14	A	16.1 abc	189 abc	1 a	3 a	0 a	0 a	0 a	0 a
7	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A								
7	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C								
7	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
8	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	14.8 c	181 abc	1 a	3 a	0 a	0 a	0 a	0 a
8	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A								
8	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C								
8	PURSUIT	2 SL		0.0312	lb ai/a	2	fl oz/a	28DAP	C								
8	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
9	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	16.2 abc	188 abc	1 a	3 a	0 a	0 a	0 a	0 a
9	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A								
9	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C								
9	PURSUIT	2 SL		0.047	lb ai/a	3	fl oz/a	28DAP	C								
9	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
10	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	16.4 abc	189 abc	1 a	3 a	0 a	0 a	0 a	0 a
10	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A								
10	EXTREME	2.17 SL		0.81	lb ai/a	3	pt/a	28DAP	C								
10	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C								
11	CANOPY EX	29.5 WG				1.1	oz/a	EPP7	B	16.2 abc	195 ab	1 a	3 a	0 a	0 a	0 a	0 a
11	->CLASSIC	25 WG		0.0156	lb ai/a			EPP7	B								
11	->EXPRESS	50 SG		0.0047	lb ai/a			EPP7	B								
11	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	oz/a	EPP7	B								
11	2,4-D LV4	3.8 EC		0.475	lb ae/a	1	pt/a	EPP7	B								
11	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP7	B								
11	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C								
11	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	28DAP	C								
12	CANOPY EX	29.5 WG				1.65	oz/a	EPP7	B	17.2 a	191 abc	1 a	3 a	0 a	0 a	0 a	0 a
12	->CLASSIC	25 WG		0.0234	lb ai/a			EPP7	B								
12	->EXPRESS	50 SG		0.0071	lb ai/a			EPP7	B								
12	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	oz/a	EPP7	B								
12	2,4-D LV4	3.8 EC		0.475	lb ae/a	1	pt/a	EPP7	B								
12	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP7	B								
12	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C								
12	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	28DAP	C								

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Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Moisture	Yield	V Stage	V Stage	Injury	Injury	Stunt	Stunt
Percent	bu/A			Percent	Percent	Percent	Percent
10-6-07	10-6-07	5-31-07	6-7-07	6-7-07	6-21-07	6-7-07	6-21-07
		7 DAP	14 DAP	14 DAP	28 DAP	14 DAP	28 DAP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code														
13	CANOPY EX	29.5	WG			2.2	oz/a	EPP7	B	16.4	abc	192	abc	1	a	3	a	0	a	0	a	0	a
13	->CLASSIC	25	WG	0.0313	lb ai/a			EPP7	B														
13	->EXPRESS	50	SG	0.0094	lb ai/a			EPP7	B														
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B														
13	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B														
13	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B														
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C														
13	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C														
14	CANOPY	75	WG	0.105	lb ai/a	2.25	oz/a	EPP7	B	15.8	abc	191	abc	1	a	3	a	0	a	0	a	0	a
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B														
14	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B														
14	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B														
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C														
14	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C														
15	CANOPY	75	WG	0.164	lb ai/a	3.5	oz/a	EPP7	B	16.5	abc	184	abc	1	a	3	a	0	a	0	a	0	a
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B														
15	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B														
15	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B														
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C														
15	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C														
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B	16.0	abc	182	abc	1	a	3	a	0	a	0	a	0	a
16	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B														
16	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B														
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C														
16	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C														
17	AIM	2	EW	0.0078	lb ai/a	0.5	fl oz/a	EPP14	A	16.4	abc	178	bc	1	a	3	a	0	a	0	a	0	a
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	EPP14	A														
17	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	EPP14	A														
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C														
17	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C														
18	AIM	2	EW	0.0078	lb ai/a	0.5	fl oz/a	EPP14	A	15.7	abc	176	c	1	a	3	a	0	a	0	a	0	a
18	ROUNDUP W-MAX	4.5	SL	0.56	lb ae/a	16	fl oz/a	EPP14	A														
18	2,4-D LV4	3.8	EC	0.237	lb ae/a	8	fl oz/a	EPP14	A														
18	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	EPP14	A														
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C														
18	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C														

LSD (P=.05)	1.85	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Replicate F	1.711	5.950	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Replicate Prob(F)	0.1959	0.0061	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Treatment F	0.866	0.976	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Treatment Prob(F)	0.6140	0.5043	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

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

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Blanket applications, see comments.

Project Code: 07-2B-ME90 Location: Belleville Research Center

Investigator: Bryan Young

Weed Code	ZEAMX	ZEAMX	ZEAMX
Crop Code	Chloro	Chloro	Plants
Rating Data Type	Percent	Percent	000/A
Rating Unit	6-7-07	6-21-07	6-21-07
Rating Date	14 DAP	28 DAP	28 DAP
Trt-Eval Interval			

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
1	NONTREATED									0 a	0 a	32.7 a
2	SPARTAN	4 L		0.167	lb ai/a	5.34	fl oz/a	EPP14	A	0 a	0 a	30.5 ab
2	FIRSTRATE	84 WG		0.021	lb ai/a	0.4	oz/a	EPP14	A			
2	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	EPP14	A			
2	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	EPP14	A			
2	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C			
2	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
3	SPARTAN	4 L		0.167	lb ai/a	5.34	fl oz/a	EPP14	A	0 a	0 a	29.2 ab
3	PURSUIT	2 SL		0.063	lb ai/a	4.03	fl oz/a	EPP14	A			
3	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	EPP14	A			
3	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	EPP14	A			
3	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C			
3	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
4	SPARTAN	4 L		0.167	lb ai/a	5.34	fl oz/a	EPP14	A	0 a	0 a	33.6 a
4	SENCOR	75 WG		0.098	lb ai/a	2.1	oz/a	EPP14	A			
4	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	EPP14	A			
4	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	EPP14	A			
4	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C			
4	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
5	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	0 a	0 a	31.0 a
5	PURSUIT	2 SL		0.0312	lb ai/a	2	fl oz/a	EPP14	A			
5	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A			
5	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C			
5	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
6	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	0 a	0 a	33.6 a
6	PURSUIT	2 SL		0.047	lb ai/a	3	fl oz/a	EPP14	A			
6	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A			
6	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C			
6	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
7	EXTREME	2.17 SL		0.81	lb ai/a	3	pt/a	EPP14	A	0 a	0 a	29.2 ab
7	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A			
7	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C			
7	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
8	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	0 a	0 a	32.7 a
8	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A			
8	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C			
8	PURSUIT	2 SL		0.0312	lb ai/a	2	fl oz/a	28DAP	C			
8	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
9	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	0 a	0 a	32.7 a
9	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A			
9	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	28DAP	C			
9	PURSUIT	2 SL		0.047	lb ai/a	3	fl oz/a	28DAP	C			
9	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
10	GLYFOS X-TRA	3 SL		0.75	lb ae/a	1	qt/a	EPP14	A	0 a	0 a	30.1 ab
10	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP14	A			
10	EXTREME	2.17 SL		0.81	lb ai/a	3	pt/a	28DAP	C			
10	AMS	100 DRY		2	% w/w	17	lb/100 gal	28DAP	C			
11	CANOPY EX	29.5 WG				1.1	oz/a	EPP7	B	0 a	0 a	31.0 a
11	->CLASSIC	25 WG		0.0156	lb ai/a			EPP7	B			
11	->EXPRESS	50 SG		0.0047	lb ai/a			EPP7	B			
11	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	oz/a	EPP7	B			
11	2,4-D LV4	3.8 EC		0.475	lb ae/a	1	pt/a	EPP7	B			
11	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP7	B			
11	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C			
11	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	28DAP	C			
12	CANOPY EX	29.5 WG				1.65	oz/a	EPP7	B	0 a	0 a	31.8 a
12	->CLASSIC	25 WG		0.0234	lb ai/a			EPP7	B			
12	->EXPRESS	50 SG		0.0071	lb ai/a			EPP7	B			
12	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	oz/a	EPP7	B			
12	2,4-D LV4	3.8 EC		0.475	lb ae/a	1	pt/a	EPP7	B			
12	AMS	100 DRY		2	% w/w	17	lb/100 gal	EPP7	B			
12	ROUNDUP W-MAX	4.5 SL		0.77	lb ae/a	22	fl oz/a	28DAP	C			
12	AMS	100 DRY		2.0	% w/w	17	lb/100 gal	28DAP	C			

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Blanket applications, see comments.

Project Code: 07-2B-ME90 Location: Belleville Research Center

Investigator: Bryan Young

Weed Code	Crop Code	Rating Data Type	Rating Unit	Rating Date	Trt-Eval Interval	ZEAMX Chloro Percent	ZEAMX Chloro Percent	ZEAMX Plants 000/A
						6-7-07	6-21-07	6-21-07
						14 DAP	28 DAP	28 DAP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code			
13	CANOPY EX	29.5	WG			2.2	oz/a	EPP7	B	0 a	0 a	31.8 a
13	->CLASSIC	25	WG	0.0313	lb ai/a			EPP7	B			
13	->EXPRESS	50	SG	0.0094	lb ai/a			EPP7	B			
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B			
13	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B			
13	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B			
13	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C			
13	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C			
14	CANOPY	75	WG	0.105	lb ai/a	2.25	oz/a	EPP7	B	0 a	0 a	32.7 a
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B			
14	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B			
14	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B			
14	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C			
14	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C			
15	CANOPY	75	WG	0.164	lb ai/a	3.5	oz/a	EPP7	B	0 a	0 a	32.7 a
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B			
15	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B			
15	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B			
15	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C			
15	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C			
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	oz/a	EPP7	B	0 a	0 a	33.6 a
16	2,4-D LV4	3.8	EC	0.475	lb ae/a	1	pt/a	EPP7	B			
16	AMS	100	DRY	2	% w/w	17	lb/100 gal	EPP7	B			
16	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C			
16	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C			
17	AIM	2	EW	0.0078	lb ai/a	0.5	fl oz/a	EPP14	A	0 a	0 a	25.2 b
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	EPP14	A			
17	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	EPP14	A			
17	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C			
17	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C			
18	AIM	2	EW	0.0078	lb ai/a	0.5	fl oz/a	EPP14	A	0 a	0 a	31.8 a
18	ROUNDUP W-MAX	4.5	SL	0.56	lb ae/a	16	fl oz/a	EPP14	A			
18	2,4-D LV4	3.8	EC	0.237	lb ae/a	8	fl oz/a	EPP14	A			
18	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	EPP14	A			
18	ROUNDUP W-MAX	4.5	SL	0.77	lb ae/a	22	fl oz/a	28DAP	C			
18	AMS	100	DRY	2.0	% w/w	17	lb/100 gal	28DAP	C			

LSD (P=.05)	0.0	0.0	5.46
Replicate F	0.000	0.000	0.341
Replicate Prob(F)	1.0000	1.0000	0.7135
Treatment F	0.000	0.000	1.233
Treatment Prob(F)	1.0000	1.0000	0.2972

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

Trial Comments

1. Protocol: Cheminova.
2. Ratings: Corn growth stage at 7 + 14 DAP, CI at 14 + 28 DAP (stunt, chlorosis, etc.), corn population per meter of 2 center rows at 28 DAP.
3. Crop yield.
4. Blanket applications: To be applied to entire study area (10 ft boom); Bicep II Mag (2.1 qt/A) PRE applied 5-24-07. Roundup Original Max (22 fl oz/A) POST applied 6-20-07 to V5-V6 corn.
5. Chloro = Chlorosis. Stunt = Growth reduction. DAP = Days after planting. 000/A = Thousands per acre.
6. Harvested 10-6-07, (2) 30 inch rows by 25 ft.