



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

## NOTES:

Not harvested.

Timing of Fall Herbicide Applications.

Project Code: 03-2B-M130 Location: Belleville Research Center

Weed Code	HORPU	HORPU	HORPU	LAMAM	LAMAM	POLPY	AMBEL	SETFA
Crop Code								
Rating Data Type	Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date	4-7-03	5-20-03	5-20-03	4-7-03	5-20-03	5-20-03	5-20-03	5-20-03
Trt-Eval Interval	21 DAT	21 DA-D	0 DAP	21 DAT	21 DA-D	0 DAP	0 DAP	0 DAP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code							
1	NONTREATED									0	0	0	0	0	0	0
2	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	OCT25	A	100	100	100	100	100	0	0
3	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	OCT25	A	100	90	90	65	83	0	0
3	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	OCT25	A							
4	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	OCT25	A	0	93	93	0	95	100	25
5	CANOPY XL	56.3	WG			4.5	OZ/A	OCT25	A	100	90	90	90	100	100	78
5	->CLASSIC	25	WG	0.0264	LB A/A			OCT25	A							
5	->AUTHORITY	75	WG	0.132	LB A/A			OCT25	A							
5	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	OCT25	A							
5	PRIME OIL COC	100	LIQ	1.0	% V/V	1	% V/V	OCT25	A							
6	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	OCT25	A	100	100	100	97	100	100	0
6	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	OCT25	A							
7	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	OCT25	A	100	100	100	100	100	100	53
7	CANOPY XL	56.3	WG			4.5	OZ/A	OCT25	A							
7	->CLASSIC	25	WG	0.0264	LB A/A			OCT25	A							
7	->AUTHORITY	75	WG	0.132	LB A/A			OCT25	A							
7	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	OCT25	A							
8	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	NOV15	B	100	100	100	87	100	0	0
9	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	NOV15	B	100	92	92	80	85	0	0
9	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	NOV15	B							
10	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	NOV15	B	0	57	57	0	100	100	83
11	CANOPY XL	56.3	WG			4.5	OZ/A	NOV15	B	93	85	85	85	100	100	87
11	->CLASSIC	25	WG	0.0264	LB A/A			NOV15	B							
11	->AUTHORITY	75	WG	0.132	LB A/A			NOV15	B							
11	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	NOV15	B							
11	PRIME OIL COC	100	LIQ	1.0	% V/V	1	% V/V	NOV15	B							
12	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	NOV15	B	100	100	100	80	100	100	78
12	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	NOV15	B							
13	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	NOV15	B	100	100	100	93	100	100	82
13	CANOPY XL	56.3	WG			4.5	OZ/A	NOV15	B							
13	->CLASSIC	25	WG	0.0264	LB A/A			NOV15	B							
13	->AUTHORITY	75	WG	0.132	LB A/A			NOV15	B							
13	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	NOV15	B							

Weed Code		HORPU	HORPU	HORPU	LAMAM	LAMAM	POLPY	AMBEL	SETFA
Crop Code									
Rating Data Type		Control	Control	Control	Control	Control	Control	Control	Control
Rating Unit		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Rating Date		4-7-03	5-20-03		4-7-03	5-20-03	5-20-03	5-20-03	
Trt-Eval Interval		21 DAT	21 DA-D	0 DAP	21 DAT	21 DA-D	0 DAP	0 DAP	0 DAP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code								
14	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	DEC6	C	0	100	100	0	100	0	0	0
15	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	DEC6	C	90	93	93	0	82	0	0	0
15	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	DEC6	C								
16	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	DEC6	C	0	0	0	0	100	100	98	98
17	CANOPY XL	56.3	WG			4.5	OZ/A	DEC6	C	0	58	58	0	100	100	93	99
17	->CLASSIC	25	WG	0.0264	LB A/A			DEC6	C								
17	->AUTHORITY	75	WG	0.132	LB A/A			DEC6	C								
17	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	DEC6	C								
17	PRIME OIL COC	100	LIQ	1.0	% V/V	1	% V/V	DEC6	C								
18	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	DEC6	C	0	100	100	0	100	100	68	47
18	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	DEC6	C								
19	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	DEC6	C	0	100	100	0	100	100	87	87
19	CANOPY XL	56.3	WG			4.5	OZ/A	DEC6	C								
19	->CLASSIC	25	WG	0.0264	LB A/A			DEC6	C								
19	->AUTHORITY	75	WG	0.132	LB A/A			DEC6	C								
19	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	DEC6	C								
20	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	MAR15	D		100	100		60	0	0	0
21	GRAMOXONE MAX	3	SL	0.312	LB A/A	13.3	OZ/A	MAR15	D		87	87		87	0	0	0
21	ACTIVATOR 90	100	LIQ	0.25	% V/V	0.25	% V/V	MAR15	D								
22	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	MAR15	D		0	0		30	100	87	76
23	CANOPY XL	56.3	WG			4.5	OZ/A	MAR15	D		90	90		97	100	92	95
23	->CLASSIC	25	WG	0.0264	LB A/A			MAR15	D								
23	->AUTHORITY	75	WG	0.132	LB A/A			MAR15	D								
23	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	MAR15	D								
23	PRIME OIL COC	100	LIQ	1.0	% V/V	1	% V/V	MAR15	D								
24	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	MAR15	D		100	100		80	100	87	92
24	PRINCEP	90	WG	1.0	LB A/A	1.11	LB/A	MAR15	D								
25	ROUNDUP W-MAX	4.5	SL	0.75	LB AE/A	21.3	OZ/A	MAR15	D		100	100		93	100	95	93
25	CANOPY XL	56.3	WG			4.5	OZ/A	MAR15	D								
25	->CLASSIC	25	WG	0.0264	LB A/A			MAR15	D								
25	->AUTHORITY	75	WG	0.132	LB A/A			MAR15	D								
25	EXPRESS	75	WG	0.0078	LB A/A	0.166	OZ/A	MAR15	D								
26	NONTREATED									0	0	0	0	0	0	0	0
LSD (P=.05)										4.3	24.0	24.0	14.0	18.1	0.0	22.5	34.5



Timing of Fall Herbicide Applications.

Project Code: 03-2B-M130      Location: Belleville Research Center

Trial Comments

1. Protocol: SIU.
2. Ratings: WC 21 DAT, all plots at 21 DA "D" and at planting.
3. DAT = days after treatment. DA-D = days after MAR15 application. 0 DAP = at planting.
4. 21 days after OCT25, NOV15 and DEC6 application was on 11-14-02, 12-6-02 and 12-30-02, respectively.
5. On 5-20-03, at planting, LAMAM was naturally dead, so not rated.