

Control of Common Waterhemp with Gramoxone Inteon Tank-Mixtures.

Project Code: 06-52-ME80 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: 11-22-06

Objective:

Compare the efficacy of tank-mix partners for Gramoxone Inteon
in no-till soybean.

Weed Code	Common Name	Scientific Name
1. ALLVI	garlic, wild	Allium vineale L.
2. RANAB	buttercup, smallflower	Ranunculus abortivus L.
3. CERVU	chickweed, mouseear	Cerastium vulgatum L.
4. ALOCA	foxtail, Carolina	Alopecurus carolinianus Walt.
5. AMBTR	ragweed, giant	Ambrosia trifida L.
6. AMATA	waterhemp, common	Amaranthus rudis Sauer
7. CYPES	nutsedge, yellow	Cyperus esculentus L.

Crop 1: GLXMA soybean Variety: Asgrow 4403 RR
Planting Method: Seeded Planting Date: 5-22-06
Rate: 75 lb/A Depth: 1.0 IN
Row Spacing: 30 IN

Plot Width, Unit: 10 FT Plot Length, Unit: 25 FT Reps: 3
Tillage Type: No-Till Study Design: Randomized complete block
Previous Crop, Year: ZEAMX, 2005
Field Prep./Maintenance: N 0 LB/A, P205 0 LB/A, K20 100 LB/A

Soil Name: Weir % OM: 2.2 pH: 6.9 CEC: 9
Texture: Silt loam Fert. Level: P1: 107 LB/A, K: 420 LB/A

APPLICATION DESCRIPTION

	A	B
Application Date:	5-2-06	6-21-06
Time of Day:	16:30	9:00
Application Method:	Spray	Spray
Application Timing:	EPPI4	V3
Applic. Placement:	BROFOL	BROFOL
Air Temp., Unit:	78 F	82 F
% Relative Humidity:	46	92
Wind Velocity, Unit:	1-2 MPH	5-7 MPH
Soil Moisture:	NORMAL	NORMAL

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	GLXMA NA	GLXMA V3
Height, Unit:	NA NA	5-6 IN

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code:	ALLVI	
Stage(leaves):	3-4	
Height(inches):	10-12	
Density:	Medium	
Weed 2 Code:	RANAB	
Stage(leaves):	18-20	
Height(inches):	10-12	
Density:	Medium	
Weed 3 Code:	CERVU	
Stage(leaves):	18-20	
Height(inches):	5-6	
Density:	Medium	
Weed 4 Code:	ALOCA	
Stage(leaves):	3-4	
Height(inches):	7-8	
Density:	Medium	
Weed 5 Code:	AMBTR	AMBTR
Stage(leaves):	4-6	6-8
Height(inches):	3-4	8-10
Density:	Medium	Medium
Weed 6 Code:		AMATA
Stage(leaves):		8-10
Height(inches):		5-7
Density:		Low
Weed 7 Code:		CYPES
Stage(leaves):		7-8
Height(inches):		8-9
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:	15 GPA	15 GPA

NOTES:

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Rating Data Type
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Trt-Eval Interval

GLXMA GLXMA GLXMA GLXMA ALLVI RANAB CERVU ALOCA
Moisture Yield Injury Injury Control Control Control Control
Percent bu/A Percent Percent Percent Percent Percent Percent
10-24-06 10-24-06 5-29-06 6-28-06 5-22-06 5-22-06 5-22-06 5-22-06
7 DAP 7 DA-B 20 DA-A 20 DA-A 20 DA-A 20 DA-A

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
2	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22.3	fl oz/a	EPP14	A	12.2	32	0	0	99	96	99	98
2	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A								
2	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22.3	fl oz/a	V3	B								
2	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
3	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A	12.2	37	0	0	98	96	98	98
3	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22.3	fl oz/a	EPP14	A								
3	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A								
3	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22	fl oz/a	V3	B								
3	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
4	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A	12.3	32	0	0	98	99	99	93
4	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
4	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
4	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
4	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
5	BOUNDARY	6.5	EC	1.71	lb ai/a	2.1	pt/a	EPP14	A	12.3	34	0	0	98	99	99	96
5	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
5	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
5	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
5	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
6	DUAL MAGNUM	7.62	EC	1.27	lb ai/a	1.33	pt/a	EPP14	A	12.3	32	0	0	98	99	99	94
6	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
6	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
6	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
6	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
7	PREFIX	5.28	EW	1.34	lb ai/a	2.03	pt/a	EPP14	A	12.3	45	0	0	99	99	99	95
7	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
7	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
7	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
8	PREFIX	5.28	EW	1.67	lb ai/a	2.53	pt/a	EPP14	A	12.2	44	0	0	98	99	99	95
8	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
8	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
8	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
8	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
9	REFLEX	2	EC	0.25	lb ai/a	16	fl oz/a	EPP14	A	12.3	41	0	0	97	99	99	92
9	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
9	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
9	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
9	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
10	REFLEX	2	EC	0.374	lb ai/a	24	fl oz/a	EPP14	A	12.4	41	0	0	98	99	99	93
10	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
10	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
10	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B								
10	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
11	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A	12.2	32	0	0	98	99	99	93
11	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
11	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
11	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B								
11	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
12	BOUNDARY	6.5	EC	1.71	lb ai/a	2.1	pt/a	EPP14	A	12.2	33	0	0	97	99	99	92
12	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
12	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
12	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B								
12	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								
13	DUAL MAGNUM	7.62	EC	1.27	lb ai/a	1.33	pt/a	EPP14	A	12.2	35	0	0	97	99	99	92
13	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A								
13	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A								
13	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B								
13	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B								

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Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

										GLXMA	GLXMA	GLXMA	GLXMA	ALLVI	RANAB	CERVU	ALOCA
										Moisture	Yield	Injury	Injury	Control	Control	Control	Control
										Percent	bu/A	Percent	Percent	Percent	Percent	Percent	Percent
										10-24-06	10-24-06	5-29-06	6-28-06	5-22-06	5-22-06	5-22-06	5-22-06
												7 DAP	7 DA-B	20 DA-A	20 DA-A	20 DA-A	20 DA-A
Trt	Treatment	Form	Form	Rate	Prod	Prod	Grow	Appl									
No.	Name	Conc	Type	Unit	Rate	Unit	Stg	Code									
14	PREFIX	5.28	EW	1.34 lb ai/a	2.03	pt/a	EPP14	A	12.0	42	0	0	99	99	99	93	
14	GRAMOXONE INTEON	2	SL	0.75 lb ai/a	3	pt/a	EPP14	A									
14	ACTIVATOR 90	100	LIQ	0.25 % v/v	0.25	% v/v	EPP14	A									
14	SEQUENCE	5.25	EW	1.64 lb ae/a	2.5	pt/a	V3	B									
14	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
15	PREFIX	5.28	EW	1.67 lb ai/a	2.53	pt/a	EPP14	A	12.2	44	0	0	98	99	99	96	
15	GRAMOXONE INTEON	2	SL	0.75 lb ai/a	3	pt/a	EPP14	A									
15	ACTIVATOR 90	100	LIQ	0.25 % v/v	0.25	% v/v	EPP14	A									
15	SEQUENCE	5.25	EW	1.64 lb ae/a	2.5	pt/a	V3	B									
15	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
16	REFLEX	2	EC	0.25 lb ai/a	16	fl oz/a	EPP14	A	12.3	42	0	0	97	99	99	94	
16	GRAMOXONE INTEON	2	SL	0.75 lb ai/a	3	pt/a	EPP14	A									
16	ACTIVATOR 90	100	LIQ	0.25 % v/v	0.25	% v/v	EPP14	A									
16	SEQUENCE	5.25	EW	1.64 lb ae/a	2.5	pt/a	V3	B									
16	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
17	REFLEX	2	EC	0.374 lb ai/a	24	fl oz/a	EPP14	A	12.3	41	0	0	99	99	99	96	
17	GRAMOXONE INTEON	2	SL	0.75 lb ai/a	3	pt/a	EPP14	A									
17	ACTIVATOR 90	100	LIQ	0.25 % v/v	0.25	% v/v	EPP14	A									
17	SEQUENCE	5.25	EW	1.64 lb ae/a	2.5	pt/a	V3	B									
17	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
18	CLARITY	4	EC	0.25 lb ae/a	8	fl oz/a	EPP14	A	12.2	40	0	9	99	95	98	98	
18	TOUCHDOWN TOTAL	4.17	SC	0.784 lb ae/a	24	fl oz/a	EPP14	A									
18	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	EPP14	A									
18	TOUCHDOWN TOTAL	4.17	SC	0.784 lb ae/a	24	fl oz/a	V3	B									
18	FLEXSTAR	1.88	EC	0.125 lb ai/a	8.5	fl oz/a	V3	B									
18	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
19	CLARITY	4	EC	0.25 lb ae/a	8	fl oz/a	EPP14	A	12.3	33	0	9	99	95	97	99	
19	TOUCHDOWN TOTAL	4.17	SC	0.784 lb ae/a	24	fl oz/a	EPP14	A									
19	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	EPP14	A									
19	TOUCHDOWN TOTAL	4.17	SC	0.784 lb ae/a	24	fl oz/a	V3	B									
19	FLEXSTAR	1.88	EC	0.25 lb ai/a	17	fl oz/a	V3	B									
19	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
20	CLARITY	4	EC	0.25 lb ae/a	8	fl oz/a	EPP14	A	12.4	37	0	9	99	95	97	99	
20	TOUCHDOWN TOTAL	4.17	SC	0.784 lb ae/a	24	fl oz/a	EPP14	A									
20	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	EPP14	A									
20	TOUCHDOWN TOTAL	4.17	SC	0.784 lb ae/a	24	fl oz/a	V3	B									
20	FLEXSTAR	1.88	EC	0.375 lb ai/a	25.5	fl oz/a	V3	B									
20	AMS	100	DRY	2.0 % w/w	16.7	lb/100 gal	V3	B									
LSD (P=.05)										0.20	7.8	0.0	1.1	1.7	0.7	1.0	3.6
Replicate F										2.457	8.746	0.000	1.162	3.869	2.021	1.177	3.200
Replicate Prob(F)										0.0999	0.0008	1.0000	0.3241	0.0296	0.1465	0.3192	0.0519
Treatment F										1.534	12.346	0.000	74.936	1361.368	7032.069	3688.239	281.667
Treatment Prob(F)										0.1346	0.0001	1.0000	0.0001	0.0001	0.0001	0.0001	0.0001

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Rating Date
Trt-Eval Interval

AMBTR	AMBTR	AMATA	CYPES
Control Percent 5-22-06 20 DA-A	Control Percent 7-11-06 20 DA-B	Control Percent 7-11-06 20 DA-B	Control Percent 7-11-06 20 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
1	NONTREATED										0	0	0
2	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22.3	fl oz/a	EPP14	A		95	93	99
2	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A				96
2	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22.3	fl oz/a	V3	B				
2	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
3	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A		95	95	99
3	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22.3	fl oz/a	EPP14	A				95
3	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A				
3	ROUNDUP W-MAX	4.5	SL	0.784	lb ae/a	22	fl oz/a	V3	B				
3	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
4	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A		99	93	99
4	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				94
4	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
4	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
4	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
5	BOUNDARY	6.5	EC	1.71	lb ai/a	2.1	pt/a	EPP14	A		98	89	99
5	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				99
5	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
5	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
5	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
6	DUAL MAGNUM	7.62	EC	1.27	lb ai/a	1.33	pt/a	EPP14	A		98	93	99
6	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				97
6	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
6	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
6	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
7	PREFIX	5.28	EW	1.34	lb ai/a	2.03	pt/a	EPP14	A		98	99	99
7	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				98
7	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
7	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
7	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
8	PREFIX	5.28	EW	1.67	lb ai/a	2.53	pt/a	EPP14	A		99	99	99
8	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				98
8	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
8	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
8	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
9	REFLEX	2	EC	0.25	lb ai/a	16	fl oz/a	EPP14	A		98	97	99
9	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				91
9	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
9	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
9	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
10	REFLEX	2	EC	0.374	lb ai/a	24	fl oz/a	EPP14	A		98	99	99
10	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				96
10	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
10	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
10	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
11	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A		98	92	99
11	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				95
11	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
11	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
11	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
12	BOUNDARY	6.5	EC	1.71	lb ai/a	2.1	pt/a	EPP14	A		98	89	99
12	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				96
12	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
12	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
12	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
13	DUAL MAGNUM	7.62	EC	1.27	lb ai/a	1.33	pt/a	EPP14	A		98	91	98
13	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				97
13	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
13	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
13	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				

Control of Common Waterhemp with Gramoxone Inteon Tank-Mixtures.

Project Code: 06-52-ME80

Location: Belleville Research Center

Investigator: Bryan Young

Weed Code

Crop Code

Rating Data Type

Rating Unit

Rating Date

Trt-Eval Interval

AMBTR AMBTR AMATA CYPES

Control Control Control Control
Percent Percent Percent Percent
5-22-06 7-11-06 7-11-06 7-11-06
20 DA-A 20 DA-B 20 DA-B 20 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Prod Rate	Prod Unit	Grow Stg	Appl Code				
14	PREFIX	5.28	EW	1.34	lb ai/a	2.03	pt/a	EPP14	A	98	97	99	99
14	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				
14	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
14	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
14	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
15	PREFIX	5.28	EW	1.67	lb ai/a	2.53	pt/a	EPP14	A	98	98	99	98
15	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				
15	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
15	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
15	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
16	REFLEX	2	EC	0.25	lb ai/a	16	fl oz/a	EPP14	A	98	98	99	96
16	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				
16	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
16	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
16	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
17	REFLEX	2	EC	0.374	lb ai/a	24	fl oz/a	EPP14	A	99	99	99	96
17	GRAMOXONE INTEON	2	SL	0.75	lb ai/a	3	pt/a	EPP14	A				
17	ACTIVATOR 90	100	LIQ	0.25	% v/v	0.25	% v/v	EPP14	A				
17	SEQUENCE	5.25	EW	1.64	lb ae/a	2.5	pt/a	V3	B				
17	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
18	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A	94	98	98	95
18	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	EPP14	A				
18	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A				
18	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
18	FLEXSTAR	1.88	EC	0.125	lb ai/a	8.5	fl oz/a	V3	B				
18	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
19	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A	93	99	99	96
19	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	EPP14	A				
19	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A				
19	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
19	FLEXSTAR	1.88	EC	0.25	lb ai/a	17	fl oz/a	V3	B				
19	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
20	CLARITY	4	EC	0.25	lb ae/a	8	fl oz/a	EPP14	A	92	99	99	94
20	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	EPP14	A				
20	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	EPP14	A				
20	TOUCHDOWN TOTAL	4.17	SC	0.784	lb ae/a	24	fl oz/a	V3	B				
20	FLEXSTAR	1.88	EC	0.375	lb ai/a	25.5	fl oz/a	V3	B				
20	AMS	100	DRY	2.0	% w/w	16.7	lb/100 gal	V3	B				
LSD (P=.05)										2.3	3.7	0.6	3.3
Replicate F										3.759	5.057	1.781	4.179
Replicate Prob(F)										0.0324	0.0113	0.1822	0.0229
Treatment F										739.093	284.691	13066.962	353.609
Treatment Prob(F)										0.0001	0.0001	0.0001	0.0001

Trial Comments

1. Protocol: Syngenta.
2. Ratings: CI 7 DAP and 7 DA V3 application; WC at planting and at 21 DAT.
3. Yield.
4. DA-A = Days after EPP14 application. Ratings at 20 DA-A were also at planting.
DA-B = Days after V3 application.
5. Harvested 10-24-06, (2) 30 inch rows by 22 ft.