

LSU Northeast Research Station

Evaluation of postemergence broadleaf signalgrass control in corn

Trial ID: SJ05C018

Investigator:

Location:

Study Dir.: Bill Williams

CROP AND PEST DESCRIPTION

Weed 1. BRAPP	Signalgrass	2. CYPES	Yellow nutsedge	3. SORHA	Johnsongrass
4. OEOLA	Primrose	5. LAMAM	Henbit	6. CASOB	Sicklepod
7. IPOSP	Morningglory	8. SEBEX	Hemp sesbania	9. CONCA	Marestail

Crop 1: ZEAMX Corn, field **Variety:** Gensis 2A16RR **Planting Date:** 4/4/05
Planting Method: BEDDED **Rate:** 30000 LB/A **Depth:** 2 "
Row Spacing: 40 " **Seed Bed:** FINE/TRASHY
Soil Moisture: DRY **Emergence Date:** 4/14/05

Plot Width, Unit: 15 FT **Plot Length, Unit:** 25 FT **Reps:** 3
Site Type: FIELD **Study Design:** COMPLETELY RANDOMIZED
Tillage Type: NO-TILL

SOIL DESCRIPTION

Texture: Silty clay loam **% OM:** 1.1 **% Sand:** 36 **% Silt:** 48 **% Clay:** 16
pH: 5.7 **CEC:** 8.8 **Soil Name:** Mhoon **Fertility Level:** EXCELLENT

MOISTURE CONDITIONS

On: Date	Time	Amount	Unit	Type	Interval	Unit
1.4/6/05	5:30 AM	0.26	in	Rainfall	0	n/a
2.4/12/05	3:00 PM	0.88	in	Rainfall	0	n/a
3.4/26/05	3:00 AM	1.04	in	Rainfall	0	n/a
4.4/27/05	8:30 AM	0.04	in	Rainfall	0	n/a
5.4/30/05	3:00 AM	0.21	in	Rainfall	0	n/a
6.5/10/05	6:30 PM	0.25	in	Rainfall	0	n/a
7.5/15/05	5:30 PM	0.46	in	Rainfall	0	n/a
8.5/25/05	8:00 PM	0.78	in	Rainfall	0	n/a
9.5/29/05	1:00 AM	0.63	in	Rainfall	0	n/a
10.5/30/05	11:00 A	1.51	in	Rainfall	0	n/a
11.5/31/05	8:00 PM	0.26	in	Rainfall	0	n/a
12.6/2/05	4:00 PM	0.04	in	Rainfall	0	n/a
13.6/6/05	7:00 PM	0.39	in	Rainfall	0	n/a
14.6/18/05	11:00 A	0.42	in	Rainfall	0	n/a
15.7/3/04	6:00 PM	0.06	in	Rainfall	0	n/a
16.7/6/05	1:30 PM	1.6	in	Rainfall	0	n/a
17.7/8/05	1:45 PM	0.93	in	Rainfall	0	n/a
18.7/10/05	1:00 PM	0.04	in	Rainfall	0	n/a
19.7/14/05	2:00 PM	0.44	in	Rainfall	0	n/a
20.7/16/05	10:00 P	0.04	in	Rainfall	0	n/a

Overall Moisture Conditions: Dry**Closest Weather Station:** Northeast Research Station**Distance:** 0.25 **Unit:** MI

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APPLICATION DESCRIPTION

	A	B	C	D	E	F
Application Date:	4/20/05					
Time of Day:	3:00					
Application Method:	SPRAY					
Application Timing:	EPOST					
Applic. Placement:	BROFOL					
Air Temp., Unit:	84 F					
% Relative Humidity:	46					
Wind Velocity, Unit:	6 S					
Soil Temp., Unit:	82 F					
Soil Moisture:	dry					
% Cloud Cover:	60					

CROP STAGE AT EACH APPLICATION

	A	B	C	D	E	F
ZEAMX						
Stage Scale:	V2					
Height, Unit:	4 in					

WEED STAGE AT EACH APPLICATION

	A	B	C	D	E	F
Weed 1 BRAPP Stage:	3-4 lf					
Stage Scale:	1-4 in					
CYPES						
Stage Scale:	5 lf					
Density, Unit:	4-5 "					
Weed 3 SORHA Stage:	n/a					
Weed 4 OEOLA Stage:	8" runner					
LAMAM						
Stage Scale:	2 lf					
Density, Unit:	.5 "					
Weed 6 CASOB Stage:	cot					
Stage Scale:	0.5 in					
IPOSP						
Stage Scale:	cot.					
Density, Unit:	1 "					
SEBEX						
Stage Scale:	cot					
Density, Unit:	1 "					
Weed 9 CONCA Stage:	n/a					
Stage Scale:	8-12"					

APPLICATION EQUIPMENT

	A	B	C	D	E	F
Appl. Equipment:	Tractor					
Operating Pressure:	34					
Nozzle Type:	Ven					
Nozzle Size:	11002					
Nozzle Spacing, Unit:	40 "					
Nozzles/Row:	2					
Carrier:	Water					
Spray Volume, Unit:	15 GPA					
Propellant:	CO2					

LSU Northeast Research Station

Evaluation of postemergence broadleaf signalgrass control in corn

Trial ID: SJ05C018
 Location:

Investigator:
 Study Dir.: Bill Williams

Weed Code	BRAPP	BRAPP	BRAPP
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	4/28/05	5/11/05	5/26/05
Trt-Eval Interval	8 DA-A	21 DA-A	36 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	1	2	3
1	NONTREATED				0	c 0	c 0
2	OPTION	1.5	OZ WT/A	EPOST 90		b 82	b 85
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
3	OPTION	1.5	OZ WT/A	EPOST 93		ab 90	ab 85
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
4	OPTION	1.5	OZ WT/A	EPOST 90		b 92	a 83
	Prowl	2.0	PT/A	EPOST			
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
5	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST 93		ab 87	ab 77
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
6	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST 93		ab 93	a 80
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
7	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST 95		a 93	a 92
	Prowl	2	PT/A	EPOST			
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
8	STEADFAST	0.75	OZ WT/A	EPOST 93		ab 90	ab 83
	COC	1	% V/V	EPOST			
	UAN	2.	QT/A	EPOST			
9	STEADFAST	0.75	OZ WT/A	EPOST 95		a 93	a 85
	ATRAZINE	1.5	QT/A	EPOST			
	COC	1	% V/V	EPOST			
	UAN	2.	QT/A	EPOST			

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Weed Code	BRAPP	BRAPP	BRAPP
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	4/28/05	5/11/05	5/26/05
Trt-Eval Interval	8 DA-A	21 DA-A	36 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt	Treatment	Rate	Unit	Grow	Stg	1	2	3	
10	STEADFAST	0.75	OZ WT/A	EPOST	95	a	93	a 92	a
	Prowl	2	PT/A	EPOST					
	ATRAZINE	1.5	QT/A	EPOST					
	COC	1	% V/V	EPOST					
	UAN	2	QT/A	EPOST					
11	Accent	0.5	OZ WT/A	EPOST	92	ab	90	ab 77	b
	COC	1	% V/V	EPOST					
	UAN	2.	QT/A	EPOST					
12	Accent	0.5	OZ WT/A	EPOST	92	ab	87	ab 77	b
	ATRAZINE	1.5	QT/A	EPOST					
	COC	1	% V/V	EPOST					
	UAN	2.	QT/A	EPOST					
13	Accent	0.5	OZ WT/A	EPOST	93	ab	93	a 83	ab
	Prowl	2	PT/A	EPOST					
	ATRAZINE	1.5	QT/A	EPOST					
	COC	1	% V/V	EPOST					
	UAN	2	QT/A	EPOST					
LSD (P=.05)					4.8	8.4	10.3		
Bartlett's X2					1.997	7.793	10.132		
P(Bartlett's X2)					0.981	0.649	0.519		

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	BRAPP	SORHA	SORHA
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	7/27/05	4/28/05	5/11/05
Trt-Eval Interval	98 DA-A	8 DA-A	21 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt No.	Treatment Name	Rate	Unit	Grow Stg	4	5	6	
1	NONTREATED				0	c 0	c 0	b
2	OPTION	1.5	OZ WT/A	EPOST	80	ab 93	ab 87	a
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
3	OPTION	1.5	OZ WT/A	EPOST	82	ab 88	ab 88	a
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
4	OPTION	1.5	OZ WT/A	EPOST	90	a 83	ab 87	a
	Prowl	2.0	PT/A	EPOST				
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
5	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	85	ab 90	ab 90	a
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
6	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	90	a 95	a 92	a
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
7	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	90	a 95	a 92	a
	Prowl	2	PT/A	EPOST				
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
8	STEADFAST	0.75	OZ WT/A	EPOST	88	a 90	ab 92	a
	COC	1	% V/V	EPOST				
	UAN	2.	QT/A	EPOST				
9	STEADFAST	0.75	OZ WT/A	EPOST	80	ab 93	ab 95	a
	ATRAZINE	1.5	QT/A	EPOST				
	COC	1	% V/V	EPOST				
	UAN	2.	QT/A	EPOST				

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Weed Code	BRAPP	SORHA	SORHA
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	7/27/05	4/28/05	5/11/05
Trt-Eval Interval	98 DA-A	8 DA-A	21 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	4	5	6	
10	STEADFAST	0.75 OZ WT/A	EPOST	83	ab 85	ab 92	a
	Prowl	2 PT/A	EPOST				
	ATRAZINE	1.5 QT/A	EPOST				
	COC	1 % V/V	EPOST				
	UAN	2 QT/A	EPOST				
11	Accent	0.5 OZ WT/A	EPOST	82	ab 78	b 88	a
	COC	1 % V/V	EPOST				
	UAN	2. QT/A	EPOST				
12	Accent	0.5 OZ WT/A	EPOST	77	b 88	ab 87	a
	ATRAZINE	1.5 QT/A	EPOST				
	COC	1 % V/V	EPOST				
	UAN	2. QT/A	EPOST				
13	Accent	0.5 OZ WT/A	EPOST	80	ab 90	ab 93	a
	Prowl	2 PT/A	EPOST				
	ATRAZINE	1.5 QT/A	EPOST				
	COC	1 % V/V	EPOST				
	UAN	2 QT/A	EPOST				
LSD (P=.05)				11.1	16.0	9.4	
Bartlett's X2				9.428	11.625	9.733	
P(Bartlett's X2)				0.151	0.235	0.373	

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	SORHA	SORHA	CASOB
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	5/26/05	7/27/05	4/28/05
Trt-Eval Interval	36 DA-A	98 DA-A	8 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt No.	Treatment Name	Rate	Unit	Grow Stg	7	8	9	
1	NONTREATED				0	e 0	f 0	c
2	OPTION	1.5	OZ WT/A	EPOST	82	cd 83	a-d 92	ab
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
3	OPTION	1.5	OZ WT/A	EPOST	82	cd 90	a 93	ab
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
4	OPTION	1.5	OZ WT/A	EPOST	77	d 78	b-e 90	b
	Prowl	2.0	PT/A	EPOST				
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
5	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	85	abc 77	cde 95	a
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
6	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	77	d 70	e 95	a
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
7	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	83	bcd 73	de 95	a
	Prowl	2	PT/A	EPOST				
	ATRAZINE	1.5	QT/A	EPOST				
	MSO	1.5	PT/A	EPOST				
	UAN	2.0	QT/A	EPOST				
8	STEADFAST	0.75	OZ WT/A	EPOST	85	abc 87	abc 95	a
	COC	1	% V/V	EPOST				
	UAN	2.	QT/A	EPOST				
9	STEADFAST	0.75	OZ WT/A	EPOST	90	ab 90	a 95	a
	ATRAZINE	1.5	QT/A	EPOST				
	COC	1	% V/V	EPOST				
	UAN	2.	QT/A	EPOST				

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Weed Code	SORHA	SORHA	CASOB
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	5/26/05	7/27/05	4/28/05
Trt-Eval Interval	36 DA-A	98 DA-A	8 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt	Treatment	Rate	Grow	7	8	9			
No.	Name	Rate Unit	Stg						
10	STEADFAST	0.75 OZ WT/A	EPOST	92	a	88	ab	95	a
	Prowl	2 PT/A	EPOST						
	ATRAZINE	1.5 QT/A	EPOST						
	COC	1 % V/V	EPOST						
	UAN	2 QT/A	EPOST						
11	Accent	0.5 OZ WT/A	EPOST	80	cd	82	a-d	93	ab
	COC	1 % V/V	EPOST						
	UAN	2. QT/A	EPOST						
12	Accent	0.5 OZ WT/A	EPOST	87	abc	87	abc	95	a
	ATRAZINE	1.5 QT/A	EPOST						
	COC	1 % V/V	EPOST						
	UAN	2. QT/A	EPOST						
13	Accent	0.5 OZ WT/A	EPOST	82	cd	82	a-d	93	ab
	Prowl	2 PT/A	EPOST						
	ATRAZINE	1.5 QT/A	EPOST						
	COC	1 % V/V	EPOST						
	UAN	2 QT/A	EPOST						
LSD (P=.05)				7.7		10.4		3.6	
Bartlett's X2				5.509		9.213		1.1	
P(Bartlett's X2)				0.904		0.325		0.894	

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code	CASOB	CASOB	CASOB			
Crop Code	PLATOT P	PLATOT P	PLATOT P			
Part Rated	CONTROL	CONTROL	CONTROL			
Rating Data Type	%	%	%			
Rating Unit	5/11/05	5/26/05	7/27/05			
Rating Date	21 DA-A	36 DA-A	98 DA-A			
Trt-Eval Interval						
PRM Data Type						
# Subsamples, Dec.						
Trt	Treatment	Rate	Grow	10	11	12
No.	Name	Rate Unit	Stg			
1	NONTREATED			0	c 0	c 0 d
2	OPTION	1.5 OZ WT/A	EPOST	78	b 77	b 77 bc
	MSO	1.5 PT/A	EPOST			
	UAN	2.0 QT/A	EPOST			
3	OPTION	1.5 OZ WT/A	EPOST	95	a 82	ab 75 c
	ATRAZINE	1.5 QT/A	EPOST			
	MSO	1.5 PT/A	EPOST			
	UAN	2.0 QT/A	EPOST			
4	OPTION	1.5 OZ WT/A	EPOST	95	a 93	a 90 ab
	Prowl	2.0 PT/A	EPOST			
	ATRAZINE	1.5 QT/A	EPOST			
	MSO	1.5 PT/A	EPOST			
	UAN	2.0 QT/A	EPOST			
5	EQUIP CORN HERBICIDE	1.5 OZ WT/A	EPOST	95	a 93	a 93 a
	MSO	1.5 PT/A	EPOST			
	UAN	2.0 QT/A	EPOST			
6	EQUIP CORN HERBICIDE	1.5 OZ WT/A	EPOST	93	a 95	a 90 ab
	ATRAZINE	1.5 QT/A	EPOST			
	MSO	1.5 PT/A	EPOST			
	UAN	2.0 QT/A	EPOST			
7	EQUIP CORN HERBICIDE	1.5 OZ WT/A	EPOST	95	a 95	a 93 a
	Prowl	2 PT/A	EPOST			
	ATRAZINE	1.5 QT/A	EPOST			
	MSO	1.5 PT/A	EPOST			
	UAN	2.0 QT/A	EPOST			
8	STEADFAST	0.75 OZ WT/A	EPOST	93	a 88	ab 83 abc
	COC	1 % V/V	EPOST			
	UAN	2. QT/A	EPOST			
9	STEADFAST	0.75 OZ WT/A	EPOST	95	a 95	a 90 ab
	ATRAZINE	1.5 QT/A	EPOST			
	COC	1 % V/V	EPOST			
	UAN	2. QT/A	EPOST			

LSU Northeast Research Station

Weed Code	CASOB	CASOB	CASOB
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	5/11/05	5/26/05	7/27/05
Trt-Eval Interval	21 DA-A	36 DA-A	98 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt	Treatment	Rate	Grow	10	11	12
No.	Name	Rate Unit	Stg			
10	STEADFAST	0.75 OZ WT/A	EPOST	95	a 95	a 93
	Prowl	2 PT/A	EPOST			
	ATRAZINE	1.5 QT/A	EPOST			
	COC	1 % V/V	EPOST			
	UAN	2 QT/A	EPOST			
11	Accent	0.5 OZ WT/A	EPOST	92	a 85	ab 83
	COC	1 % V/V	EPOST			
	UAN	2. QT/A	EPOST			
12	Accent	0.5 OZ WT/A	EPOST	95	a 92	a 83
	ATRAZINE	1.5 QT/A	EPOST			
	COC	1 % V/V	EPOST			
	UAN	2. QT/A	EPOST			
13	Accent	0.5 OZ WT/A	EPOST	93	a 90	ab 90
	Prowl	2 PT/A	EPOST			
	ATRAZINE	1.5 QT/A	EPOST			
	COC	1 % V/V	EPOST			
	UAN	2 QT/A	EPOST			

LSD (P=.05)	8.9	13.4	13.6
Bartlett's X2	11.072	12.156	15.855
P(Bartlett's X2)	0.026*	0.096	0.026*

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Weed Code	CONCA	CONCA	CONCA
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	4/28/05	5/11/05	5/26/05
Trt-Eval Interval	8 DA-A	21 DA-A	36 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt No.	Treatment Name	Rate	Unit	Grow Stg	13	14	15
1	NONTREATED				0	b 0	c 0 d
2	OPTION	1.5	OZ WT/A	EPOST	73	a 60	b 60 c
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
3	OPTION	1.5	OZ WT/A	EPOST	68	a 87	a 93 ab
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
4	OPTION	1.5	OZ WT/A	EPOST	73	a 92	a 88 ab
	Prowl	2.0	PT/A	EPOST			
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
5	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	80	a 83	a 90 ab
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
6	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	75	a 82	a 93 ab
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
7	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	65	a 77	ab 85 b
	Prowl	2	PT/A	EPOST			
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
8	STEADFAST	0.75	OZ WT/A	EPOST	75	a 75	ab 90 ab
	COC	1	% V/V	EPOST			
	UAN	2.	QT/A	EPOST			
9	STEADFAST	0.75	OZ WT/A	EPOST	73	a 82	a 95 a
	ATRAZINE	1.5	QT/A	EPOST			
	COC	1	% V/V	EPOST			
	UAN	2.	QT/A	EPOST			

LSU Northeast Research Station

Weed Code	CONCA	CONCA	CONCA
Crop Code			
Part Rated	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%
Rating Date	4/28/05	5/11/05	5/26/05
Trt-Eval Interval	8 DA-A	21 DA-A	36 DA-A
PRM Data Type			
# Subsamples, Dec.			

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	13	14	15	
10	STEADFAST	0.75 OZ WT/A	EPOST	78	a 92	a 95	a
	Prowl	2 PT/A	EPOST				
	ATRAZINE	1.5 QT/A	EPOST				
	COC	1 % V/V	EPOST				
	UAN	2 QT/A	EPOST				
11	Accent	0.5 OZ WT/A	EPOST	0	b 0	c 0	d
	COC	1 % V/V	EPOST				
	UAN	2. QT/A	EPOST				
12	Accent	0.5 OZ WT/A	EPOST	67	a 78	ab 63	c
	ATRAZINE	1.5 QT/A	EPOST				
	COC	1 % V/V	EPOST				
	UAN	2. QT/A	EPOST				
13	Accent	0.5 OZ WT/A	EPOST	63	a 82	a 67	c
	Prowl	2 PT/A	EPOST				
	ATRAZINE	1.5 QT/A	EPOST				
	COC	1 % V/V	EPOST				
	UAN	2 QT/A	EPOST				
LSD (P=.05)				18.8	19.3	8.6	
Bartlett's X2				6.76	11.36	5.692	
P(Bartlett's X2)				0.748	0.252	0.576	

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

LSU Northeast Research Station

Weed Code				ZEAMX		ZEAMX	
Crop Code				GRAIN	C	GRAIN	C
Part Rated				Lb/plt		Bu/A	
Rating Data Type				13% Mst		15% Mst	
Rating Unit				9/8/05		9/8/05	
Trt-Eval Interval				141 DA-A		141 DA-A	
PRM Data Type						TY1	
# Subsamples, Dec.						0	
Trt No.	Treatment Name	Rate	Unit	Grow Stg	16	17	
1	NONTREATED				13	f	82 f
2	OPTION	1.5	OZ WT/A	EPOST	19	de	117 de
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
3	OPTION	1.5	OZ WT/A	EPOST	18	de	115 de
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
4	OPTION	1.5	OZ WT/A	EPOST	21	cde	132 cde
	Prowl	2.0	PT/A	EPOST			
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
5	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	23	abc	147 abc
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
6	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	23	abc	144 abc
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
7	EQUIP CORN HERBICIDE	1.5	OZ WT/A	EPOST	14	f	88 f
	Prowl	2	PT/A	EPOST			
	ATRAZINE	1.5	QT/A	EPOST			
	MSO	1.5	PT/A	EPOST			
	UAN	2.0	QT/A	EPOST			
8	STEADFAST	0.75	OZ WT/A	EPOST	25	ab	159 ab
	COC	1	% V/V	EPOST			
	UAN	2.	QT/A	EPOST			
9	STEADFAST	0.75	OZ WT/A	EPOST	26	a	165 a
	ATRAZINE	1.5	QT/A	EPOST			
	COC	1	% V/V	EPOST			
	UAN	2.	QT/A	EPOST			

LSU Northeast Research Station

Weed Code								
Crop Code				ZEAMX		ZEAMX		
Part Rated				GRAIN	C	GRAIN	C	
Rating Data Type				Lb/plt		Bu/A		
Rating Unit				13% Mst		15% Mst		
Rating Date				9/8/05		9/8/05		
Trt-Eval Interval				141 DA-A		141 DA-A		
PRM Data Type						TY1		
# Subsamples, Dec.						0		

Trt	Treatment	Rate	Unit	Grow	Stg	16	17	
10	STEADFAST	0.75	OZ WT/A	EPOST	26	ab	163	ab
	Prowl	2	PT/A	EPOST				
	ATRAZINE	1.5	QT/A	EPOST				
	COC	1	% V/V	EPOST				
	UAN	2	QT/A	EPOST				
11	Accent	0.5	OZ WT/A	EPOST	17	ef	107	ef
	COC	1	% V/V	EPOST				
	UAN	2.	QT/A	EPOST				
12	Accent	0.5	OZ WT/A	EPOST	22	bcd	138	bcd
	ATRAZINE	1.5	QT/A	EPOST				
	COC	1	% V/V	EPOST				
	UAN	2.	QT/A	EPOST				
13	Accent	0.5	OZ WT/A	EPOST	19	cde	121	cde
	Prowl	2	PT/A	EPOST				
	ATRAZINE	1.5	QT/A	EPOST				
	COC	1	% V/V	EPOST				
	UAN	2	QT/A	EPOST				

LSD (P=.05)	4.3	27.0
Bartlett's X2	13.123	13.123
P(Bartlett's X2)	0.36	0.36

Means followed by same letter do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Column 17: TY1 = 6.28233*[16]