

LSU Northeast Research Station

Evaluation of Steadfast for weed control in corn.

Trial ID: SJ05C001
Location:Study Dir.: US 295/05/01
Investigator: Bill Williams**GENERAL TRIAL INFORMATION****Study Director:** US 295/05/01
Investigator: Bill Williams**Conducted Under GLP (Y/N):** N**Conducted Under GEP (Y/N):** N

Conclusions: Overall, the best weed control and corn yields were observed in plots treated with Cinch ATZ or Cinch preemergence and followed by Steadfast plus atrazine postemergence. Postemergence applications of Steadfast plus atrazine generally compared favorably to early postemergence applications of Roundup plus atrazine. Tank mixing Steadfast with Cinch ATZ or Callisto did not improve weed control compared to Steadfast plus atrazine alone.

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1.	ECHCG Barnyardgrass, common	Echinochloa crus-galli
2.	BRAPP Signalgrass, broadleaf	Brachiaria platyphylla
3.	DIGSA Crabgrass, large	Digitaria sanguinalis
4.	SETGL Setaria gluaca	Foxtail, yellow
5.	SIDSP Teaweed	Sida spinosa
6.	AMARE Pigweed, redroot	Amaranthus retroflexus

Crop 1: ZEAMX CORN, FIELD**Variety:** DeKalb 6971**Planting Date:** 4/14/05**Planting Method:** BEDDED**Rate:** 30000 LB/A**Depth:** 2 "**Row Spacing:** 40 "**Seed Bed:** FINE/TRASHY**Soil Moisture:** DRY**Emergence Date:** 4/22/05**SITE AND DESIGN****Plot Width, Unit:** 13.3 FT**Plot Length, Unit:** 30 FT**Reps:** 3**Site Type:** FIELD**Tillage Type:** NO-TILL**Study Design:** RANDOMIZED COMPLETE BLOCK**SOIL DESCRIPTION**

% Sand: 34	% OM: 0.6	Texture: Silty loam
% Silt: 54	pH: 5.3	Soil Name: Commerce
% Clay: 12	CEC: 6.3	Fert. Level: EXCELLENT

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MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	4/26/05	3:00 AM	1.04	in	Rainfall	0	n/a
2.	4/27/05	8:30 AM	0.04	in	Rainfall	0	n/a
3.	4/30/05	3:00 AM	0.21	in	Rainfall	0	n/a
4.	5/10/05	6:30 PM	0.25	in	Rainfall	0	n/a
5.	5/15/05	5:30 PM	0.46	in	Rainfall	0	n/a
6.	5/25/05	8:00 PM	0.78	in	Rainfall	0	n/a
7.	5/29/05	1:00 AM	0.63	in	Rainfall	0	n/a
8.	5/30/05	11:00 A	1.51	in	Rainfall	0	n/a
9.	5/31/05	8:00 PM	0.26	in	Rainfall	0	n/a
10.	6/2/05	4:00 PM	0.04	in	Rainfall	0	n/a
11.	6/6/05	7:00 PM	0.39	in	Rainfall	0	n/a
12.	6/18/05	11:00 A	0.42	in	Rainfall	0	n/a
13.	7/3/04	6:00 PM	0.06	in	Rainfall	0	n/a
14.	7/6/05	1:30 PM	1.6	in	Rainfall	0	n/a
15.	7/8/05	1:45 PM	0.93	in	Rainfall	0	n/a
16.	7/10/05	1:00 PM	0.04	in	Rainfall	0	n/a
17.	7/14/05	2:00 PM	0.44	in	Rainfall	0	n/a
18.	7/16/05	10:00 P	0.04	in	Rainfall	0	n/a
19.	7/17/05	1:00 PM	0.25	in	Rainfall	0	n/a
20.	7/18/05	7:00 PM	0.05	in	Rainfall	0	n/a
21.	7/22/05	2:30 PM	0.15	in	Rainfall	0	n/a
22.	8/4/05	3:30 PM	0.27	in	Rainfall	0	n/a
23.	8/5/05	8:00 PM	0.45	in	Rainfall	0	n/a
24.	8/6/05	6:00 PM	0.25	in	Rainfall	0	n/a
25.	8/16/05	6:00 PM	1.31	in	Rainfall	0	n/a
26.	8/22/05	9:00 PM	0.05	in	Rainfall	0	n/a

Overall Moisture Conditions: Dry

Closest Weather Station: Northeast Research Station

Distance: 0.25 **Unit:** MI

APPLICATION DESCRIPTION

	A	B	C
Application Date:	4/15/05	5/3/05	5/10/05
Time of Day:	10:00	4:00	1:30
Application Method:	SPRAY	SPRAY	SPRAY
Application Timing:	PRE	EPOST	POST
Applic. Placement:	BROSOI	BROFOL	BROFOL
Air Temp., Unit:	69 F	69 F	93 F
% Relative Humidity:	50	39	48
Wind Velocity, Unit:	4.5 N	5 NW	1 W
Soil Temp., Unit:	75 F	71 F	89 F
Soil Moisture:	dry	dry	wet
% Cloud Cover:	60	0	0

CROP STAGE AT EACH APPLICATION

	A	B	C
Crop 1 Code, Stage:	ZEAMX n/a	ZEAMX V1-V2	ZEAMX V3
Stage Scale:	n/a	2-4 in	4-6 in

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WEED STAGE AT EACH APPLICATION

	A	B	C
Weed 1 Code, Stage:	ECHCG n/a	ECHCG Spike-1lf	ECHCG 2-3 lf
Stage Scale:	n/a	0.5-1 in	2-3 in
Weed 2 Code, Stage:	BRAPP n/a	BRAPP 1-2 lf	BRAPP 3-4 lf
Stage Scale:	n/a	1 in	2-3 in
Weed 3 Code, Stage:	DIGSA n/a	DIGSA 1-2 lf	DIGSA 4-5 lf
Stage Scale:	n/a	1 in	3-4 in
Weed 4 Code, Stage:	SETGL n/a	SETGL Spike-1lf	SETGL 2-3 lf
Stage Scale:	n/a	0.5-1 in	1-2 in
Weed 5 Code, Stage:	SIDSP n/a	SIDSP n/a	SIDSP 1-2 lf
Stage Scale:	n/a	n/a	1-2 in
Weed 6 Code, Stage:	AMARE n/a	AMARE n/a	AMARE 1-2 lf
Stage Scale:	n/a	n/a	1-2 in

APPLICATION EQUIPMENT

	A	B	C
Appl. Equipment:	Tractor	Tractor	Tractor
Operating Pressure:	34	34	34
Nozzle Type:	Ven	Ven	Ven
Nozzle Size:	11002	11002	11002
Nozzle Spacing, Unit:	20 "	20 "	20 "
Nozzles/Row:	2	2	2
Carrier:	Water	Water	Water
Spray Volume, Unit:	15 GPA	15 GPA	15 GPA
Propellant:	CO2	CO2	CO2

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Evaluation of Steadfast for weed control in corn.

Trial ID: SJ05C001
 Location:

Study Dir.: US 295/05/01
 Investigator: Bill Williams

Weed Code	ECHCG	ECHCG	ECHCG	BRAPP
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	5/25/05	6/1/05	7/27/05	5/12/05
Trt-Eval Interval	15 DA-C	22 DA-C	78 DA-C	9 DA-B
ARM Action Codes				
# Subsamples, Dec.				

Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	1	2	3	4	
1	Cinch ATZ	1.3	PT/A	PRE	93	ab 95	a 95	a 93	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
2	Cinch	0.8	PT/A	PRE	93	ab 95	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
3	Atrazine	1.25	QT/A	PRE	93	ab 83	b 83	b 87	bc
	Steadfast	0.75	OZ/A	POST					
	Atrazine	1.25	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
4	Steadfast	0.75	OZ/A	POST	90	ab 80	c 80	c 83	c
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
	5	Steadfast	0.75	OZ/A	POST	95	a 80	c 80	c 83
Cinch ATZ		2	PT/A	POST					
COC		1	% V/V	POST					
AMS		2	LB/A	POST					
6		Steadfast	0.75	OZ/A	POST	93	ab 80	c 80	c 88
	Callisto	2	OZ/A	POST					
	Atrazine	1.5	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
7	Roundup UltraMax	1	QT/A	EPOST	88	b 80	c 80	c 88	b
	Atrazine	2	QT/A	EPOST					

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Weed Code	ECHCG	ECHCG	ECHCG	BRAPP
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	5/25/05	6/1/05	7/27/05	5/12/05
Trt-Eval Interval	15 DA-C	22 DA-C	78 DA-C	9 DA-B
ARM Action Codes				
# Subsamples, Dec.				

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	1	2	3	4
8	nontreated			0	c 0	d 0	d 0
	LSD (P=.05)			6.5	1.8	1.8	4.3
	Bartlett's X2			5.494	0.0	0.0	0.0
	P(Bartlett's X2)			0.359	.	.	1.00

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	BRAPP	BRAPP	BRAPP	DIGSA
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	5/25/05	6/1/05	7/27/05	5/12/05
Trt-Eval Interval	15 DA-C	22 DA-C	78 DA-C	9 DA-B
ARM Action Codes				
# Subsamples, Dec.				

Trt No.	Treatment Name	Rate	Unit	Grow Stg	5	6	7	8	
1	Cinch ATZ	1.3	PT/A	PRE	95	a 95	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
2	Cinch	0.8	PT/A	PRE	90	ab 95	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
3	Atrazine	1.25	QT/A	PRE	93	a 95	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	1.25	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
4	Steadfast	0.75	OZ/A	POST	95	a 95	a 95	a 83	b
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
5	Steadfast	0.75	OZ/A	POST	88	ab 95	a 95	a 83	b
	Cinch ATZ	2	PT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
6	Steadfast	0.75	OZ/A	POST	92	ab 95	a 95	a 83	b
	Callisto	2	OZ/A	POST					
	Atrazine	1.5	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
7	Roundup UltraMax	1	QT/A	EPOST	85	b 92	b 92	b 90	a
	Atrazine	2	QT/A	EPOST					
8	nontreated				0	c 0	c 0	c 0	c

LSD (P=.05)	8.1	1.8	1.8	5.2
Bartlett's X2	3.803	0.0	0.0	0.0
P(Bartlett's X2)	0.433	.	.	1.00

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Weed Code	BRAPP	BRAPP	BRAPP	DIGSA
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	5/25/05	6/1/05	7/27/05	5/12/05
Trt-Eval Interval	15 DA-C	22 DA-C	78 DA-C	9 DA-B
ARM Action Codes				
# Subsamples, Dec.				

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	5	6	7	8

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	DIGSA	DIGSA	DIGSA	SETGL
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	5/25/05	6/1/05	7/27/05	5/12/05
Trt-Eval Interval	15 DA-C	22 DA-C	78 DA-C	9 DA-B
ARM Action Codes				
# Subsamples, Dec.				

Trt No.	Treatment Name	Rate	Unit	Grow Stg	9	10	11	12	
1	Cinch ATZ	1.3	PT/A	PRE	95	a 92	a 92	a 90	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
2	Cinch	0.8	PT/A	PRE	93	a 77	b 77	b 90	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
3	Atrazine	1.25	QT/A	PRE	92	a 70	b 70	b 90	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	1.25	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
4	Steadfast	0.75	OZ/A	POST	87	a 73	b 73	b 85	b
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
5	Steadfast	0.75	OZ/A	POST	90	a 73	b 73	b 67	c
	Cinch ATZ	2	PT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
6	Steadfast	0.75	OZ/A	POST	92	a 77	b 77	b 90	a
	Callisto	2	OZ/A	POST					
	Atrazine	1.5	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
7	Roundup UltraMax	1	QT/A	EPOST	88	a 73	b 73	b 90	a
	Atrazine	2	QT/A	EPOST					
8	nontreated				0	b 0	c 0	c 0	d

LSD (P=.05)	8.4	8.5	8.5	3.6
Bartlett's X2	4.517	1.043	1.043	0.0
P(Bartlett's X2)	0.478	0.959	0.959	.

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Weed Code	DIGSA	DIGSA	DIGSA	SETGL
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	5/25/05	6/1/05	7/27/05	5/12/05
Trt-Eval Interval	15 DA-C	22 DA-C	78 DA-C	9 DA-B
ARM Action Codes				
# Subsamples, Dec.				

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	9	10	11	12

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	SETGL	SETGL	ABUTH	ABUTH
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	6/1/05	7/27/05	5/12/05	5/25/05
Trt-Eval Interval	22 DA-C	78 DA-C	9 DA-B	15 DA-C
ARM Action Codes				
# Subsamples, Dec.				

Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	13	14	15	16	
1	Cinch ATZ	1.3	PT/A	PRE	93	a 93	a 80	c 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
2	Cinch	0.8	PT/A	PRE	93	a 93	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
3	Atrazine	1.25	QT/A	PRE	90	a 90	a 90	b 93	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	1.25	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
4	Steadfast	0.75	OZ/A	POST	92	a 92	a 95	a 95	a
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
5	Steadfast	0.75	OZ/A	POST	93	a 93	a 60	d 95	a
	Cinch ATZ	2	PT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
6	Steadfast	0.75	OZ/A	POST	93	a 93	a 90	b 95	a
	Callisto	2	OZ/A	POST					
	Atrazine	1.5	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
7	Roundup UltraMax	1	QT/A	EPOST	93	a 93	a 95	a 95	a
	Atrazine	2	QT/A	EPOST					
8	nontreated				0	b 0	b 0	e 0	b

LSD (P=.05)	3.8	3.8	0.0	1.8
Bartlett's X2	0.0	0.0	0.0	0.0
P(Bartlett's X2)	1.00	1.00	.	.

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Weed Code	SETGL	SETGL	ABUTH	ABUTH
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	6/1/05	7/27/05	5/12/05	5/25/05
Trt-Eval Interval	22 DA-C	78 DA-C	9 DA-B	15 DA-C
ARM Action Codes				
# Subsamples, Dec.				

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	13	14	15	16

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

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Weed Code	ABUTH	ABUTH	SIDSP	SIDSP
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	6/1/05	7/27/05	5/12/05	5/25/05
Trt-Eval Interval	22 DA-C	78 DA-C	9 DA-B	15 DA-C
ARM Action Codes				
# Subsamples, Dec.				

Trt No.	Treatment Name	Rate	Unit	Grow Stg	17	18	19	20	
1	Cinch ATZ	1.3	PT/A	PRE	95	a 95	a 95	a 93	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
2	Cinch	0.8	PT/A	PRE	95	a 95	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
3	Atrazine	1.25	QT/A	PRE	95	a 95	a 95	a 95	a
	Steadfast	0.75	OZ/A	POST					
	Atrazine	1.25	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
4	Steadfast	0.75	OZ/A	POST	93	a 93	a 95	a 95	a
	Atrazine	2	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
5	Steadfast	0.75	OZ/A	POST	95	a 95	a 90	b 95	a
	Cinch ATZ	2	PT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
6	Steadfast	0.75	OZ/A	POST	95	a 95	a 90	b 95	a
	Callisto	2	OZ/A	POST					
	Atrazine	1.5	QT/A	POST					
	COC	1	% V/V	POST					
	AMS	2	LB/A	POST					
7	Roundup UltraMax	1	QT/A	EPOST	95	a 95	a 95	a 95	a
	Atrazine	2	QT/A	EPOST					
8	nontreated				0	b 0	b 0	c 0	b

LSD (P=.05)	1.8	1.8	0.0	1.8
Bartlett's X2	0.0	0.0	0.0	0.0
P(Bartlett's X2)

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Weed Code	ABUTH	ABUTH	SIDSP	SIDSP
Crop Code				
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%
Rating Date	6/1/05	7/27/05	5/12/05	5/25/05
Trt-Eval Interval	22 DA-C	78 DA-C	9 DA-B	15 DA-C
ARM Action Codes				
# Subsamples, Dec.				

Trt	Treatment	Rate	Grow				
No.	Name	Rate Unit	Stg	17	18	19	20

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		AMARE						
Crop Code				ZEAMX		ZEAMX		
Part Rated		PLATOT P		GRAIN	C	GRAIN	C	
Rating Data Type		CONTROL		Lb/Plt		Bu/A		
Rating Unit		%		13% Mst		15% Mst		
Rating Date		5/12/05		9/8/05		9/8/05		
Trt-Eval Interval		9 DA-B						
ARM Action Codes							TY1	
# Subsamples, Dec.							0	
Trt No.	Treatment Name	Rate	Grow	21	22	23		
		Rate Unit	Stg					
1	Cinch ATZ	1.3 PT/A	PRE	95	a 19	a 118	a	
	Steadfast	0.75 OZ/A	POST					
	Atrazine	2 QT/A	POST					
	COC	1 % V/V	POST					
	AMS	2 LB/A	POST					
2	Cinch	0.8 PT/A	PRE	95	a 19	a 117	a	
	Steadfast	0.75 OZ/A	POST					
	Atrazine	2 QT/A	POST					
	COC	1 % V/V	POST					
	AMS	2 LB/A	POST					
3	Atrazine	1.25 QT/A	PRE	95	a 16	c 98	c	
	Steadfast	0.75 OZ/A	POST					
	Atrazine	1.25 QT/A	POST					
	COC	1 % V/V	POST					
	AMS	2 LB/A	POST					
4	Steadfast	0.75 OZ/A	POST	95	a 17	b 105	b	
	Atrazine	2 QT/A	POST					
	COC	1 % V/V	POST					
	AMS	2 LB/A	POST					
5	Steadfast	0.75 OZ/A	POST	90	b 16	bc 98	bc	
	Cinch ATZ	2 PT/A	POST					
	COC	1 % V/V	POST					
	AMS	2 LB/A	POST					
6	Steadfast	0.75 OZ/A	POST	90	b 16	bc 103	bc	
	Callisto	2 OZ/A	POST					
	Atrazine	1.5 QT/A	POST					
	COC	1 % V/V	POST					
	AMS	2 LB/A	POST					
7	Roundup UltraMax	1 QT/A	EPOST	95	a 16	bc 102	bc	
	Atrazine	2 QT/A	EPOST					
8	nontreated			0	c 12	d 75	d	
LSD (P=.05)				0.0	1.2	7.4		
Bartlett's X2				0.0	7.378	7.375		
P(Bartlett's X2)				.	0.391	0.391		

LSU Northeast Research Station

Weed Code	AMARE		
Crop Code		ZEAMX	ZEAMX
Part Rated	PLATOT P	GRAIN C	GRAIN C
Rating Data Type	CONTROL	Lb/Plt	Bu/A
Rating Unit	%	13% Mst	15% Mst
Rating Date	5/12/05	9/8/05	9/8/05
Trt-Eval Interval	9 DA-B		
ARM Action Codes			TY1
# Subsamples, Dec.			0

Trt	Treatment	Rate	Grow			
No.	Name	Rate Unit	Stg	21	22	23

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 23: TY1 = 6.28233*[22]