

LSU Northeast Research Station

Effect of additives on annual weed weed with selected herbicides.

Trial ID: SJ05R023

Study Dir.:

Location:

Investigator: Bill Williams

GENERAL TRIAL INFORMATION

Investigator: Bill Williams

Conducted Under GLP (Y/N): N

Conducted Under GEP (Y/N): N

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1.	ECHCG Barnyardgrass, common	Echinochloa crus-galli
2.	AMARE Pigweed, redroot	Amaranthus retroflexus
3.	CYPES Yellow Nutsedge	Cyperus esculentus
4.	TRTPO Purslane, horse	Trianthema portulacastrum
5.	LEFFA Sprangletop, tighthead	Leptochloa panicoides
6.	SEBEX Coffeebean	Sesbania exaltata
7.	IPOHE Morningglory, entireleaf	Ipomoea hederacea
8.	COMDI Dayflower, spreading	Commelina diffusa

Crop 1: ORYSA RICE

Variety: Cocodrie

Planting Date: 5/5/05

Planting Method: DRILLED

Rate: 90 LB/A

Depth: 0.25 IN

Row Spacing: 8 IN

Spacing Within Row: 5 FT

Seed Bed: MEDIUM

Soil Moisture: DRY

SITE AND DESIGN

Plot Width, Unit: 6.67 FT

Plot Length, Unit: 15 FT

Reps: 3

Site Type: RICE PADDY

Tillage Type: CONVENTIONAL-TILL

Study Design: FACTORIAL

SOIL DESCRIPTION

% Sand: 24

% OM: 2.11

Texture: Clay

% Silt: 34

pH: 7.94

Soil Name: Sharkey

% Clay: 42

CEC: 21.9

Fert. Level: EXCELLENT

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MOISTURE CONDITIONS

	Date	Time	Amount	Unit	Type	Interval	Unit
1.	5/7/05	1:00 PM	3	in	Flush	0	n/a
2.	5/10/05	6:30 PM	0.25	in	Rainfall	0	n/a
3.	5/13/05	1:00 PM	3	in	Flush	0	n/a
4.	5/15/05	5:30 PM	0.46	in	Rainfall	0	n/a
5.	5/25/05	8:00 PM	0.78	in	Rainfall	0	n/a
6.	5/29/05	1:00 AM	0.63	in	Rainfall	0	n/a
7.	5/30/05	11:00 A	1.51	in	Rainfall	0	n/a
8.	5/31/05	8:00 PM	0.26	in	Rainfall	0	n/a
9.	6/2/05	4:00 PM	0.04	in	Rainfall	0	n/a
10.	6/6/05	7:00 PM	0.39	in	Rainfall	0	n/a
11.	6/9/05	1:00 PM	3	in	300 lb Urea fb Permanent flood	0	n/a
12.	6/18/05	11:00 A	0.42	in	Rainfall	0	n/a
13.	7/3/05	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: NORMAL

Closest Weather Station: Northeast Research Station

Distance: 0.25 **Unit:** MI

APPLICATION DESCRIPTION

	A	B
Application Date:	5/6/05	6/6/05
Time of Day:	1:30	2:00
Application Method:	SPRAY	SPRAY
Application Timing:	PRE	4-5 lf
Applic. Placement:	BROSOI	BROFOL
Air Temp., Unit:	90 F	87 F
% Relative Humidity:	50	74
Wind Velocity, Unit:	3 S	5 W
Dew Presence (Y/N):	N	N
Soil Temp., Unit:	89 F	86 F
Soil Moisture:	WET	DAMP
% Cloud Cover:	0	90

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ORYSA n/a	ORYSA 1-2 R
Stage Scale:	n/a	7-8 in

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WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	ECHCG n/a	ECHCG 2-3 T
Stage Scale:	n/a	3-6 in
Weed 2 Code, Stage:	AMARE n/a	AMARE n/a
Stage Scale:	n/a	3-4 in
Weed 3 Code, Stage:	CYPES n/a	CYPES n/a
Stage Scale:	n/a	10 in
Weed 4 Code, Stage:	TRTPO n/a	TRTPO n/a
Stage Scale:	n/a	2-3 in
Weed 5 Code, Stage:	LEFPA n/a	LEFPA 1-2 T
Stage Scale:	n/a	4-6 in
Weed 6 Code, Stage:	SEBEX n/a	SEBEX n/a
Stage Scale:	n/a	4 in
Weed 7 Code, Stage:	IPOHE n/a	IPOHE n/a
Stage Scale:	n/a	6 in
Weed 8 Code, Stage:	COMDI n/a	COMDI 4 lf
Stage Scale:	n/a	4 in

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	Backpack	Backpack
Operating Pressure:	31	31
Nozzle Type:	Greenleaf	Greenleaf
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	20 IN	20 IN
Nozzles/Row:	4	4
Carrier:	Water	Water
Spray Volume, Unit:	15 GPA	15 GPA
Propellant:	CO2	CO2

LSU Northeast Research Station

Effect of additives on annual weed weed with selected herbicides.

Trial ID: SJ05R023
 Location:

Study Dir.:
 Investigator: Bill Williams

Weed Code	ECHCG	ECHCG	ECHCG	ECHCG	ECHCG
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	5/26/05	6/3/05	6/9/05	6/24/05	7/12/05
Trt-Eval Interval	20 DA-A	28 DA-A	34 DA-A	18 DA-B	36 DA-B

ARM Action Codes
 # Subsamples, Dec.

Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	1	2	3	4	5
1	Command Regiment Kinetic Check	1.33 0.5 0.125	PT/A OZ/A % V/V	PRE 4-5 lf 4-5 lf	85	a 88	a 73	a 93	a 93 a
2	Command Regiment Kinetic 28% UAN	1.33 0.5 0.125 2.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	85	a 88	a 73	a 83	a 88 ab
3	Command Regiment Kinetic 28% UAN	1.33 0.5 0.125 4.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	85	a 88	a 67	a 95	a 92 a
4	Command Regiment Kinetic AMS	1.33 0.5 0.125 2	PT/A OZ/A % V/V % W/W	PRE 4-5 lf 4-5 lf 4-5 lf	85	a 88	a 67	a 93	a 90 ab
5	Command Regiment Kinetic AMS	1.33 0.5 0.125 4	PT/A OZ/A % V/V % W/W	PRE 4-5 lf 4-5 lf 4-5 lf	85	a 88	a 67	a 93	a 93 a
6	Command Regiment Kinetic Takeup	1.33 0.5 0.125 1	PT/A OZ/A % V/V PT/A	PRE 4-5 lf 4-5 lf 4-5 lf	85	a 88	a 67	a 95	a 92 a
7	Command Grasp Herbimax Check	1.33 2.0 2.0	PT/A OZ/A % V/V	PRE 4-5 lf 4-5 lf	85	a 88	a 67	a 85	a 87 abc
8	Command Grasp Herbimax 28% UAN	1.33 2.0 2.0 2.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	85	a 88	a 67	a 93	a 90 ab

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Weed Code	ECHCG	ECHCG	ECHCG	ECHCG	ECHCG
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	5/26/05	6/3/05	6/9/05	6/24/05	7/12/05
Trt-Eval Interval	20 DA-A	28 DA-A	34 DA-A	18 DA-B	36 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt	Treatment	Rate	Unit	Grow	Stg	1	2	3	4	5	
9	Command	1.33	PT/A	PRE	85		a 88	a 67	a 90	a 90	ab
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	28% UAN	4.0	% V/V	4-5 lf							
10	Command	1.33	PT/A	PRE	85		a 88	a 67	a 95	a 87	abc
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	2	% W/W	4-5 lf							
11	Command	1.33	PT/A	PRE	85		a 88	a 67	a 95	a 87	abc
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	4	% W/W	4-5 lf							
12	Command	1.33	PT/A	PRE	85		a 88	a 67	a 95	a 88	ab
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	Takeup	1	PT/A	4-5 lf							
13	Command	1.33	PT/A	PRE	85		a 88	a 73	a 88	a 73	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	Check										
14	Command	1.33	PT/A	PRE	85		a 88	a 80	a 88	a 75	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	28% UAN	2.0	% V/V	4-5 lf							
15	Command	1.33	PT/A	PRE	85		a 88	a 67	a 88	a 77	cd
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	28% UAN	4.0	% V/V	4-5 lf							
16	Command	1.33	PT/A	PRE	85		a 88	a 80	a 77	a 77	cd
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	2	% W/W	4-5 lf							
17	Command	1.33	PT/A	PRE	85		a 88	a 73	a 72	a 80	bcd
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	4	% W/W	4-5 lf							

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Weed Code	ECHCG	ECHCG	ECHCG	ECHCG	ECHCG
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	5/26/05	6/3/05	6/9/05	6/24/05	7/12/05
Trt-Eval Interval	20 DA-A	28 DA-A	34 DA-A	18 DA-B	36 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt	Treatment	Rate	Unit	Grow	Stg	1	2	3	4	5	
18	Command	1.33	PT/A	PRE	85		a 88	a 73	a 90	a 77	cd
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	Takeup	1	PT/A	4-5 lf							
LSD (P=.05)						0.0	0.0	11.3	15.3	11.4	
Bartlett's X2						0.0	0.0	0.0	21.12	13.747	
P(Bartlett's X2)						.	0.001*	0.001*	0.049*	0.469	

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	ECHCG	LEFPA	LEFPA	LEFPA	LEFPA
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	8/10/05	5/26/05	6/24/05	7/12/05	8/10/05
Trt-Eval Interval	65 DA-B	20 DA-A	18 DA-B	36 DA-B	65 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt No.	Treatment Name	Rate	Unit	Grow Stg	6	7	8	9	10	
1	Command Regiment Kinetic Check	1.33 0.5 0.125	PT/A OZ/A % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	93	a 0	a 0	d 0	d 0	d
2	Command Regiment Kinetic 28% UAN	1.33 0.5 0.125 2.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf 4-5 lf	88	abc 0	a 0	d 0	d 0	d
3	Command Regiment Kinetic 28% UAN	1.33 0.5 0.125 4.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf 4-5 lf	92	a 0	a 0	d 0	d 0	d
4	Command Regiment Kinetic AMS	1.33 0.5 0.125 2	PT/A OZ/A % V/V % W/W	PRE 4-5 lf 4-5 lf 4-5 lf 4-5 lf	90	ab 0	a 0	d 0	d 0	d
5	Command Regiment Kinetic AMS	1.33 0.5 0.125 4	PT/A OZ/A % V/V % W/W	PRE 4-5 lf 4-5 lf 4-5 lf 4-5 lf	93	a 0	a 0	d 0	d 0	d
6	Command Regiment Kinetic Takeup	1.33 0.5 0.125 1	PT/A OZ/A % V/V PT/A	PRE 4-5 lf 4-5 lf 4-5 lf 4-5 lf	92	a 0	a 0	d 0	d 0	d
7	Command Grasp Herbimax Check	1.33 2.0 2.0	PT/A OZ/A % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	87	a-d 0	a 0	d 0	d 0	d
8	Command Grasp Herbimax 28% UAN	1.33 2.0 2.0 2.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf 4-5 lf	90	ab 0	a 0	d 0	d 0	d

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Weed Code	ECHCG	LEFPA	LEFPA	LEFPA	LEFPA
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	8/10/05	5/26/05	6/24/05	7/12/05	8/10/05
Trt-Eval Interval	65 DA-B	20 DA-A	18 DA-B	36 DA-B	65 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt	Treatment	Rate	Unit	Grow	Stg	6	7	8	9	10	
18	Command	1.33	PT/A	PRE	73	e	0	a 90	ab 85	ab 85	ab
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	Takeup	1	PT/A	4-5 lf							
LSD (P=.05)					10.7	0.0	4.8	4.9	4.9		
Bartlett's X2					12.256	0.0	3.298	2.014	2.014		
P(Bartlett's X2)					0.586	.	0.509	0.733	0.733		

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	SEBEX	SEBEX	SEBEX	SEBEX	SEBEX
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	6/3/05	6/9/05	6/24/05	7/12/05	8/10/05
Trt-Eval Interval	28 DA-A	34 DA-A	18 DA-B	36 DA-B	65 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt No.	Treatment Name	Rate	Rate Unit	Grow Stg	11	12	13	14	15	
1	Command Regiment Kinetic Check	1.33 0.5 0.125	PT/A OZ/A % V/V	PRE 4-5 lf 4-5 lf	0	a 60	a 95	a 92	ab 92	ab
2	Command Regiment Kinetic 28% UAN	1.33 0.5 0.125 2.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	0	a 60	a 95	a 93	ab 93	ab
3	Command Regiment Kinetic 28% UAN	1.33 0.5 0.125 4.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	0	a 60	a 95	a 93	ab 93	ab
4	Command Regiment Kinetic AMS	1.33 0.5 0.125 2	PT/A OZ/A % V/V % W/W	PRE 4-5 lf 4-5 lf 4-5 lf	0	a 60	a 95	a 93	ab 93	ab
5	Command Regiment Kinetic AMS	1.33 0.5 0.125 4	PT/A OZ/A % V/V % W/W	PRE 4-5 lf 4-5 lf 4-5 lf	0	a 60	a 95	a 95	a 95	a
6	Command Regiment Kinetic Takeup	1.33 0.5 0.125 1	PT/A OZ/A % V/V PT/A	PRE 4-5 lf 4-5 lf 4-5 lf	0	a 60	a 95	a 93	ab 93	ab
7	Command Grasp Herbimax Check	1.33 2.0 2.0	PT/A OZ/A % V/V	PRE 4-5 lf 4-5 lf	0	a 60	a 77	b 73	c 73	c
8	Command Grasp Herbimax 28% UAN	1.33 2.0 2.0 2.0	PT/A OZ/A % V/V % V/V	PRE 4-5 lf 4-5 lf 4-5 lf	0	a 60	a 93	a 92	ab 92	ab

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Weed Code	SEBEX	SEBEX	SEBEX	SEBEX	SEBEX
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	6/3/05	6/9/05	6/24/05	7/12/05	8/10/05
Trt-Eval Interval	28 DA-A	34 DA-A	18 DA-B	36 DA-B	65 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt	Treatment	Rate	Unit	Grow	Stg	11	12	13	14	15	
9	Command	1.33	PT/A	PRE	0		a 60	a 95	a 92	ab 92	ab
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	28% UAN	4.0	% V/V	4-5 lf							
10	Command	1.33	PT/A	PRE	0		a 60	a 95	a 93	ab 93	ab
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	2	% W/W	4-5 lf							
11	Command	1.33	PT/A	PRE	0		a 60	a 95	a 90	ab 90	ab
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	4	% W/W	4-5 lf							
12	Command	1.33	PT/A	PRE	0		a 60	a 95	a 88	b 88	b
	Grasp	2.0	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	Takeup	1	PT/A	4-5 lf							
13	Command	1.33	PT/A	PRE	0		a 0	b 0	c 0	d 0	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	Check										
14	Command	1.33	PT/A	PRE	0		a 0	b 0	c 0	d 0	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	28% UAN	2.0	% V/V	4-5 lf							
15	Command	1.33	PT/A	PRE	0		a 0	b 0	c 0	d 0	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	28% UAN	4.0	% V/V	4-5 lf							
16	Command	1.33	PT/A	PRE	0		a 0	b 0	c 0	d 0	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	2	% W/W	4-5 lf							
17	Command	1.33	PT/A	PRE	0		a 0	b 0	c 0	d 0	d
	Clincher	13.5	OZ/A	4-5 lf							
	Herbimax	2.0	% V/V	4-5 lf							
	AMS	4	% W/W	4-5 lf							

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Weed Code	SEBEX	SEBEX	SEBEX	SEBEX	SEBEX
Crop Code					
Part Rated	PLATOT P	PLATOT P	PLATOT P	PLATOT P	PLATOT P
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	%	%	%	%	%
Rating Date	6/3/05	6/9/05	6/24/05	7/12/05	8/10/05
Trt-Eval Interval	28 DA-A	34 DA-A	18 DA-B	36 DA-B	65 DA-B
ARM Action Codes					
# Subsamples, Dec.					

Trt	Treatment	Rate	Unit	Grow	11	12	13	14	15
No.	Name	Rate	Unit	Stg	0	a 0	b 0	c 0	d 0
18	Command	1.33	PT/A	PRE	0	a 0	b 0	c 0	d 0
	Clincher	13.5	OZ/A	4-5 lf					
	Herbimax	2.0	% V/V	4-5 lf					
	Takeup	1	PT/A	4-5 lf					
LSD (P=.05)					0.0	0.0	2.5	5.4	5.4
Bartlett's X2					0.0	0.0	0.88	8.625	8.625
P(Bartlett's X2)					.	.	0.348	0.568	0.568

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	CYPES	CYPES	CYPES					ORYSA	ORYSA	
Crop Code								GRAIN	GRAIN	
Part Rated	PLATOT P	PLATOT P	PLATOT P	GRAIN	C	GRAIN	C			
Rating Data Type	CONTROL	CONTROL	CONTROL	Lb/plt		Bu/S				
Rating Unit	%	%	%	18%		12%				
Rating Date	6/3/05	6/9/05	6/24/05	9/7/05		9/7/05				
Trt-Eval Interval	28 DA-A	34 DA-A	18 DA-B							
ARM Action Codes								TY1		
# Subsamples, Dec.								0		
Trt Treatment	Rate	Grow								
No. Name	Rate	Unit	Stg	16	17	18	19	20		
1	Command	1.33	PT/A	PRE	0	a 0	a 0	a 7	e 110	e
	Regiment	0.5	OZ/A	4-5 lf						
	Kinetic	0.125	% V/V	4-5 lf						
	Check									
2	Command	1.33	PT/A	PRE	0	a 0	a 0	a 9	c 134	c
	Regiment	0.5	OZ/A	4-5 lf						
	Kinetic	0.125	% V/V	4-5 lf						
	28% UAN	2.0	% V/V	4-5 lf						
3	Command	1.33	PT/A	PRE	0	a 0	a 0	a 9	c 135	c
	Regiment	0.5	OZ/A	4-5 lf						
	Kinetic	0.125	% V/V	4-5 lf						
	28% UAN	4.0	% V/V	4-5 lf						
4	Command	1.33	PT/A	PRE	0	a 0	a 0	a 10	b 152	b
	Regiment	0.5	OZ/A	4-5 lf						
	Kinetic	0.125	% V/V	4-5 lf						
	AMS	2	% W/W	4-5 lf						
5	Command	1.33	PT/A	PRE	0	a 0	a 0	a 7	f 98	f
	Regiment	0.5	OZ/A	4-5 lf						
	Kinetic	0.125	% V/V	4-5 lf						
	AMS	4	% W/W	4-5 lf						
6	Command	1.33	PT/A	PRE	0	a 0	a 0	a 5	g 77	g
	Regiment	0.5	OZ/A	4-5 lf						
	Kinetic	0.125	% V/V	4-5 lf						
	Takeup	1	PT/A	4-5 lf						
7	Command	1.33	PT/A	PRE	0	a 0	a 0	a 8	d 123	d
	Grasp	2.0	OZ/A	4-5 lf						
	Herbimax	2.0	% V/V	4-5 lf						
	Check									
8	Command	1.33	PT/A	PRE	0	a 0	a 0	a 11	b 159	b
	Grasp	2.0	OZ/A	4-5 lf						
	Herbimax	2.0	% V/V	4-5 lf						
	28% UAN	2.0	% V/V	4-5 lf						

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Weed Code	CYPES	CYPES	CYPES				ORYSA	ORYSA	
Crop Code							GRAIN	GRAIN	C
Part Rated	PLATOT P	PLATOT P	PLATOT P				Lb/plt	Bu/S	
Rating Data Type	CONTROL	CONTROL	CONTROL						
Rating Unit	%	%	%				18%	12%	
Rating Date	6/3/05	6/9/05	6/24/05				9/7/05	9/7/05	
Trt-Eval Interval	28 DA-A	34 DA-A	18 DA-B						
ARM Action Codes								TY1	
# Subsamples, Dec.								0	
Trt Treatment	Rate	Unit	Grow						
No. Name	Rate	Unit	Stg	16	17	18	19	20	
9 Command	1.33	PT/A	PRE	0	a 0	a 0	a 10	b 152	b
Grasp	2.0	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
28% UAN	4.0	% V/V	4-5 lf						
10 Command	1.33	PT/A	PRE	0	a 0	a 0	a 8	d 123	d
Grasp	2.0	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
AMS	2	% W/W	4-5 lf						
11 Command	1.33	PT/A	PRE	0	a 0	a 0	a 12	a 176	a
Grasp	2.0	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
AMS	4	% W/W	4-5 lf						
12 Command	1.33	PT/A	PRE	0	a 0	a 0	a 7	e 109	e
Grasp	2.0	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
Takeup	1	PT/A	4-5 lf						
13 Command	1.33	PT/A	PRE	0	a 0	a 0	a 0	h 0	h
Clincher	13.5	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
Check									
14 Command	1.33	PT/A	PRE	0	a 0	a 0	a 0	h 0	h
Clincher	13.5	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
28% UAN	2.0	% V/V	4-5 lf						
15 Command	1.33	PT/A	PRE	0	a 0	a 0	a 0	h 0	h
Clincher	13.5	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
28% UAN	4.0	% V/V	4-5 lf						
16 Command	1.33	PT/A	PRE	0	a 0	a 0	a 0	h 0	h
Clincher	13.5	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
AMS	2	% W/W	4-5 lf						
17 Command	1.33	PT/A	PRE	0	a 0	a 0	a 0	h 0	h
Clincher	13.5	OZ/A	4-5 lf						
Herbimax	2.0	% V/V	4-5 lf						
AMS	4	% W/W	4-5 lf						

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Weed Code										
Crop Code								ORYSA	ORYSA	
Part Rated					PLATOT P	PLATOT P	PLATOT P	GRAIN C	GRAIN C	
Rating Data Type					CONTROL	CONTROL	CONTROL	Lb/plt	Bu/S	
Rating Unit					%	%	%	18%	12%	
Rating Date					6/3/05	6/9/05	6/24/05	9/7/05	9/7/05	
Trt-Eval Interval					28 DA-A	34 DA-A	18 DA-B			
ARM Action Codes									TY1	
# Subsamples, Dec.									0	
Trt Treatment	Rate	Unit	Grow							
No. Name	Rate	Unit	Stg	16	17	18	19	20		
18 Command	1.33	PT/A	PRE	0	a 0	a 0	a 0	h 0		h
Clincher	13.5	OZ/A	4-5 lf							
Herbimax	2.0	% V/V	4-5 lf							
Takeup	1	PT/A	4-5 lf							
LSD (P=.05)					0.0	0.0	0.0	0.7	9.8	
Bartlett's X2					0.0	0.0	0.0	7.297	7.297	
P(Bartlett's X2)					.	.	.	0.775	0.775	

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 20: TY1 = 15.03333*[19]