

Ohio State University
Horticulture and Crop Science

WEED CONTROL PROGRAMS IN LIBERTY LINK CORN

Trial ID: 08LLC1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH F-7 Investigator: Dr. Mark M. Loux

GENERAL TRIAL INFORMATION

Study Director: Anthony F. Dobbels
Investigator: Dr. Mark M. Loux

Conducted Under GLP (Y/N): N Conducted Under GEP (Y/N): N

CROP AND WEED DESCRIPTION

Weed Code	Common Name	Scientific Name
1. SETFA	Giant foxtail	Setaria faberi
2. CHEAL	Common lambsquarters	Chenopodium album
3. POLPY	Pennsylvania smartweed	Polygonum pensylvanicum
4. AMBTR	Giant ragweed	Ambrosia trifida
5. AMARE	Redroot pigweed	Amaranthus retroflexus
6. SOLPT	Eastern black nightshade	Solanum ptycanthum

Crop 1: ZEAMX CORN, FIELD Variety: PIONEER 32B83
Planting Date: Apr/24/2008 Planting Method: JOHN DEERE 7200
Rate: 32097 SEED/A Depth: 1.5 IN
Row Spacing: 30 IN Seed Bed: CONVENTIONAL

SITE AND DESIGN

Plot Width, Unit: 6.67 FT Plot Length, Unit: 30 FT Reps: 3
Tillage Type: CONVENTIONAL Study Design: RANDOMIZED COMPLETE BLOCK

SOIL DESCRIPTION

% OM: 2.2 Texture: SILT LOAM
pH: 6.3 Soil Name: CROSBY
CEC: 14.1 Fert. Level: GOOD

APPLICATION DESCRIPTION

	A	B
Application Date:	Apr/24/2008	Jun/06/2008
Time of Day:	11:00 A.M.	8:30 A.M.
Application Method:	SPRAY	SPRAY
Application Timing:	PRE	POST
Applic. Placement:	BROADCAST	BROADCAST
Air Temp., Unit:	62 F	81 F
% Relative Humidity:	39	
Wind Velocity, Unit:	8 E	7 S
Soil Temp., Unit:	54 F	69 F
Soil Moisture:	DRY/MOIST	WET/WET
% Cloud Cover:	1	0

CROP STAGE AT EACH APPLICATION

	A	B
Crop 1 Code, Stage:	ZEAMX	ZEAMX V5
Stage Scale:	DESC	
Height, Unit:	12	IN

WEED STAGE AT EACH APPLICATION

	A	B
Weed 1 Code, Stage:	SETFA	SETFA 5-8"
Stage Scale:	3-7	LVS
Density, Unit:	221	M2
Weed 2 Code, Stage:	CHEAL	CHEAL 2-4"
Stage Scale:	6-8	LVS
Density, Unit:	58	M2
Weed 3 Code, Stage:	POLPY	POLPY 4-5"
Stage Scale:	10-12	LVS
Density, Unit:	30	M2
Weed 4 Code, Stage:	AMBTR	AMBTR 7-12"
Stage Scale:	10->12	
Density, Unit:	24	M2
Weed 5 Code, Stage:	AMARE	AMARE 4-6"
Stage Scale:	6-10	LVS
Density, Unit:	12	M2
Weed 6 Code, Stage:	SOLPT	SOLPT 2-3"
Stage Scale:	6-8	LVS
Density, Unit:	0.66	M2

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	BACKPACK	BACKPACK
Operating Pressure:	53	53
Nozzle Type:	DG	DG
Nozzle Size:	11002	11002
Nozzle Spacing, Unit:	18 IN	18 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	WATER	WATER
Spray Volume, Unit:	20 GPA	20 GPA
Propellant:	CO2	CO2

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Trial ID: 08LLC1 Study Dir.: Anthony F. Dobbels
Location: WESTERN BRANCH F-7 Investigator: Dr. Mark M. Loux

Weed Code					SETFA	AMBTR	AMBEL	CHEAL	POLPY		
Crop Code					ZEAMX						
Rating Data Type					PHYTO	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date					Jun/07/2008	Jun/07/2008	Jun/07/2008	Jun/07/2008	Jun/07/2008		
Trt-Eval Interval					AT POST	AT POST	AT POST	AT POST	AT POST		
# Subsamples, Dec.					0	0	0	0	0		
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
1	UTC					0 a	0 c	0 d	0 c	0 c	0 c
2	BALANCE FLEXX	3 oz/a		PRE	A	0 a	65 a	50 abc	100 a	98 a	67 ab
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	2 pt/a		MPO							
	AMS	4 qt/a		MPO							
3	BALANCE FLEXX	3 oz/a		PRE	A	0 a	89 a	47 abc	100 a	98 a	100 a
	ATRAZINE	1 pt/a		PRE							
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	AMS	4 qt/a		MPO							
4	CORVUS	3 oz/a		PRE	A	0 a	70 a	53 abc	100 a	98 a	83 a
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	2 pt/a		MPO							
	AMS	4 qt/a		MPO							
5	CORVUS	3 oz/a		PRE	A	0 a	89 a	87 a	100 a	98 a	100 a
	ATRAZINE	2 pt/a		PRE							
	IGNITE	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
6	BALANCE PRO	1.5 oz/a		PRE	A	0 a	72 a	47 abc	100 a	93 a	72 ab
	IGNITE	22 oz/a		MPO	B						
	LAUDIS	2 oz/a		MPO							
	AMS	4 qt/a		MPO							
7	BALANCE FLEXX	1.5 oz/a		PRE	A	0 a	33 b	33 bcd	100 a	83 a	50 ab
	IGNITE	22 oz/a		MPO	B						
	CAPRENO	2 oz/a		MPO							
	AMS	4 qt/a		MPO							
8	BALANCE FLEXX	1.5 oz/a		PRE	A	0 a	27 b	27 bcd	97 a	93 a	37 b
	CAPRENO	2 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	COC	0.8 qt/a		MPO							
	AMS	4 qt/a		MPO							
9	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	0 a	99 a	60 abc	100 a	90 a	100 a
	IGNITE	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
10	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	0 a	99 a	67 ab	100 a	94 a	90 a
	ROUNDUP POWERMAX	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
11	LUMAX	2.25 qt/a		PRE	A	0 a	96 a	82 a	100 a	97 a	90 a
	HALEX GT	3.6 pt/a		MPO	B						
	AMS	4 qt/a		MPO							
12	BICEP II MAGNUM	2.1 pt/a		PRE	A	0 a	89 a	18 cd	75 b	40 b	78 ab
	IMPACT	0.75 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	COC	0.8 qt/a		MPO							
	AMS	4 qt/a		MPO							
LSD (P=.05)						0.0	20.5	27.8	3.7	16.0	30.5
Standard Deviation						0.0	12.1	16.4	2.2	9.4	18.0
CV						0.0	17.55	34.55	2.42	11.47	24.91
Bartlett's X2						0.0	26.255	9.591	0.055	15.824	5.587
P(Bartlett's X2)						.	0.003*	0.477	0.814	0.105	0.589

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Weed Code		SETFA	AMBTR	AMBEL	CHEAL	POLPY					
Crop Code	ZEAMX										
Rating Data Type	PHYTO	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
Rating Date	Jun/07/2008	Jun/07/2008	Jun/07/2008	Jun/07/2008	Jun/07/2008	Jun/07/2008					
Trt-Eval Interval	AT POST	AT POST	AT POST	AT POST	AT POST	AT POST					
# Subsamples, Dec.	0	0	0	0	0	0					
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	1	2	3	4	5	6
	Replicate F					0.000	0.042	9.608	1.953	0.012	2.867
	Replicate Prob(F)					1.0000	0.9588	0.0011	0.1667	0.9878	0.0793
	Treatment F					0.000	21.478	7.153	538.466	31.557	8.522
	Treatment Prob(F)					1.0000	0.0001	0.0001	0.0001	0.0001	0.0001

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

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Weed Code					SETFA	AMBTR	AMBEL	CHEAL	POLPY		
Crop Code					ZEAMX						
Rating Data Type					PHYTO	CONTROL	CONTROL	CONTROL	CONTROL		
Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT		
Rating Date					Jun/13/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008		
Trt-Eval Interval					7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B		
# Subsamples, Dec.					0	0	0	0	0		
Trt No.	Treatment Name	Product Rate	Product Unit	Grow Stg	Appl Code	7	8	9	10	11	12
1	UTC					0 a	0 c	0 c	0 b	0 c	0 b
2	BALANCE FLEXX	3 oz/a		PRE	A	0 a	97 a	100 a	100 a	100 a	100 a
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	2 pt/a		MPO							
	AMS	4 qt/a		MPO							
3	BALANCE FLEXX	3 oz/a		PRE	A	0 a	97 a	98 a	100 a	100 a	100 a
	ATRAZINE	1 pt/a		PRE							
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	AMS	4 qt/a		MPO							
4	CORVUS	3 oz/a		PRE	A	0 a	98 a	98 a	100 a	100 a	100 a
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	2 pt/a		MPO							
	AMS	4 qt/a		MPO							
5	CORVUS	3 oz/a		PRE	A	0 a	98 a	99 a	100 a	100 a	100 a
	ATRAZINE	2 pt/a		PRE							
	IGNITE	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
6	BALANCE PRO	1.5 oz/a		PRE	A	1 a	98 a	99 a	100 a	99 a	90 a
	IGNITE	22 oz/a		MPO	B						
	LAUDIS	2 oz/a		MPO							
	AMS	4 qt/a		MPO							
7	BALANCE FLEXX	1.5 oz/a		PRE	A	1 a	99 a	100 a	100 a	100 a	100 a
	IGNITE	22 oz/a		MPO	B						
	CAPRENO	2 oz/a		MPO							
	AMS	4 qt/a		MPO							
8	BALANCE FLEXX	1.5 oz/a		PRE	A	2 a	70 b	99 a	100 a	100 a	97 a
	CAPRENO	2 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	COC	0.8 qt/a		MPO							
	AMS	4 qt/a		MPO							
9	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	0 a	99 a	98 a	100 a	99 a	100 a
	IGNITE	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
10	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	0 a	99 a	87 b	100 a	100 a	100 a
	ROUNDUP POWERMAX	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
11	LUMAX	2.25 qt/a		PRE	A	0 a	100 a	97 a	100 a	100 a	100 a
	HALEX GT	3.6 pt/a		MPO	B						
	AMS	4 qt/a		MPO							
12	BICEP II MAGNUM	2.1 pt/a		PRE	A	0 a	94 a	92 ab	100 a	88 b	99 a
	IMPACT	0.75 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	COC	0.8 qt/a		MPO							
	AMS	4 qt/a		MPO							
LSD (P=.05)						1.6	5.7	6.3	0.0	5.3	8.8
Standard Deviation						0.9	3.3	3.7	0.0	3.1	5.2
CV						260.7	3.83	4.15	0.0	3.47	5.76
Bartlett's X2						2.319	19.72	20.503	0.0	11.91	2.002
P(Bartlett's X2)						0.314	0.011*	0.009*	.	0.003*	0.157
Replicate F						1.912	0.387	3.343	0.000	0.943	1.950
Replicate Prob(F)						0.1727	0.6840	0.0549	1.0000	0.4052	0.1672
Treatment F						1.467	220.843	176.558	0.000	250.854	90.675
Treatment Prob(F)						0.2164	0.0001	0.0001	1.0000	0.0001	0.0001

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Crop Code	ZEAMX										
Rating Data Type	PHYTO	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL					
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT					
Rating Date	Jun/13/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008	Jun/13/2008					
Trt-Eval Interval	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B	7 DA-B					
# Subsamples, Dec.	0	0	0	0	0	0					
Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	7	8	9	10	11	12

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						ABUTH	AMARE	ZEAMX	SETFA	CHEAL	AMBTR
Weed Code	Crop Code					CONTROL	CONTROL	PHYTO	CONTROL	CONTROL	CONTROL
Rating Data Type	Rating Unit					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Trt-Eval Interval					Jun/13/2008	Jun/13/2008	Jun/23/2008	Jun/23/2008	Jun/23/2008	Jun/23/2008
# Subsamples, Dec.						7 DA-B	7 DA-B	17 DA-B	17 DA-B	17 DA-B	17 DA-B
						0	0	0	0	0	0
Trt No.	Treatment Name	Product Rate	Product Unit	Grow Stg	Appl Code	13	14	15	16	17	18
1	UTC					0 e	0 b	0 a	0 c	0 c	0 c
2	BALANCE FLEXX	3 oz/a		PRE	A	100 d	100 a	0 a	98 a	99 a	98 a
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	2 pt/a		MPO							
	AMS	4 qt/a		MPO							
3	BALANCE FLEXX	3 oz/a		PRE	A	100 c	100 a	0 a	92 a	98 a	83 b
	ATRAZINE	1 pt/a		PRE							
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	AMS	4 qt/a		MPO							
4	CORVUS	3 oz/a		PRE	A	100 b	100 a	0 a	87 ab	100 a	88 ab
	IGNITE	22 oz/a		MPO	B						
	ATRAZINE	2 pt/a		MPO							
	AMS	4 qt/a		MPO							
5	CORVUS	3 oz/a		PRE	A	100 a	100 a	0 a	89 ab	99 a	97 a
	ATRAZINE	2 pt/a		PRE							
	IGNITE	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
6	BALANCE PRO	1.5 oz/a		PRE	A	100 a	100 a	0 a	94 a	98 a	97 a
	IGNITE	22 oz/a		MPO	B						
	LAUDIS	2 oz/a		MPO							
	AMS	4 qt/a		MPO							
7	BALANCE FLEXX	1.5 oz/a		PRE	A	100 a	100 a	0 a	97 a	100 a	97 a
	IGNITE	22 oz/a		MPO	B						
	CAPRENO	2 oz/a		MPO							
	AMS	4 qt/a		MPO							
8	BALANCE FLEXX	1.5 oz/a		PRE	A	100 a	100 a	0 a	76 b	100 a	100 a
	CAPRENO	2 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	COC	0.8 qt/a		MPO							
	AMS	4 qt/a		MPO							
9	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	100 a	100 a	0 a	88 ab	87 b	88 ab
	IGNITE	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
10	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	100 a	100 a	0 a	89 ab	100 a	93 ab
	ROUNDUP POWERMAX	22 oz/a		MPO	B						
	AMS	4 qt/a		MPO							
11	LUMAX	2.25 qt/a		PRE	A	100 a	100 a	0 a	100 a	100 a	98 a
	HALEX GT	3.6 pt/a		MPO	B						
	AMS	4 qt/a		MPO							
12	BICEP II MAGNUM	2.1 pt/a		PRE	A	100 a	100 a	0 a	98 a	95 a	97 a
	IMPACT	0.75 oz/a		MPO	B						
	ATRAZINE	1 pt/a		MPO							
	COC	0.8 qt/a		MPO							
	AMS	4 qt/a		MPO							
LSD (P=.05)						0.0	0.0	0.0	10.7	3.6	7.6
Standard Deviation						0.0	0.0	0.0	6.3	2.1	4.5
CV						0.0	0.0	0.0	7.5	2.36	5.17
Bartlett's X2						0.0	0.0	0.0	4.557	5.699	10.401
P(Bartlett's X2)						.	.	.	0.804	0.337	0.319
Replicate F						0.000	0.000	0.000	0.774	0.222	2.485
Replicate Prob(F)						1.0000	1.0000	1.0000	0.4737	0.8030	0.1075
Treatment F						0.000	0.000	0.000	56.199	545.215	114.984
Treatment Prob(F)						1.0000	1.0000	1.0000	0.0001	0.0001	0.0001

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Weed Code	ABUTH	AMARE	ZEAMX	SETFA	CHEAL	AMBTR
Crop Code			PHYTO			
Rating Data Type	CONTROL	CONTROL	PERCENT	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jun/13/2008	Jun/13/2008	Jun/23/2008	Jun/23/2008	Jun/23/2008	Jun/23/2008
Trt-Eval Interval	7 DA-B	7 DA-B	17 DA-B	17 DA-B	17 DA-B	17 DA-B
# Subsamples, Dec.	0	0	0	0	0	0
Trt No.	13	14	15	16	17	18
Treatment Name						
Product Rate						
Product Rate Unit						
Grow Stg						
Appl Code						

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
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					AMBEL	ABUTH	AMARE	POLPY	SETFA	CHEAL	
					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
					Jun/23/2008	Jun/23/2008	Jun/23/2008	Jun/23/2008	Jul/09/2008	Jul/09/2008	
					17 DA-B	17 DA-B	17 DA-B	17 DA-B	33 DA-B	33 DA-B	
					0	0	0	0	0	0	
Trt No.	Treatment Name	Product Rate	Product Unit	Grow Stg	Appl Code	19	20	21	22	23	24
1	UTC					0 b	0 c	0 b	0 b	0 c	0 b
2	BALANCE FLEXX	3 oz/a		PRE	A	100 a	99 a	100 a	100 a	87 ab	98 a
	2 IGNITE	22 oz/a		MPO	B						
	2 ATRAZINE	2 pt/a		MPO							
	2 AMS	4 qt/a		MPO							
3	BALANCE FLEXX	3 oz/a		PRE	A	100 a	100 a	99 a	100 a	88 ab	98 a
	3 ATRAZINE	1 pt/a		PRE							
	3 IGNITE	22 oz/a		MPO	B						
	3 ATRAZINE	1 pt/a		MPO							
	3 AMS	4 qt/a		MPO							
4	CORVUS	3 oz/a		PRE	A	100 a	91 ab	100 a	98 a	85 ab	100 a
	4 IGNITE	22 oz/a		MPO	B						
	4 ATRAZINE	2 pt/a		MPO							
	4 AMS	4 qt/a		MPO							
5	CORVUS	3 oz/a		PRE	A	100 a	100 a	100 a	100 a	82 ab	100 a
	5 ATRAZINE	2 pt/a		PRE							
	5 IGNITE	22 oz/a		MPO	B						
	5 AMS	4 qt/a		MPO							
6	BALANCE PRO	1.5 oz/a		PRE	A	100 a	100 a	100 a	93 a	83 ab	97 a
	6 IGNITE	22 oz/a		MPO	B						
	6 LAUDIS	2 oz/a		MPO							
	6 AMS	4 qt/a		MPO							
7	BALANCE FLEXX	1.5 oz/a		PRE	A	100 a	100 a	99 a	100 a	89 ab	98 a
	7 IGNITE	22 oz/a		MPO	B						
	7 CAPRENO	2 oz/a		MPO							
	7 AMS	4 qt/a		MPO							
8	BALANCE FLEXX	1.5 oz/a		PRE	A	100 a	100 a	100 a	100 a	78 b	100 a
	8 CAPRENO	2 oz/a		MPO	B						
	8 ATRAZINE	1 pt/a		MPO							
	8 COC	0.8 qt/a		MPO							
	8 AMS	4 qt/a		MPO							
9	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	100 a	90 b	97 a	98 a	85 ab	90 a
	9 IGNITE	22 oz/a		MPO	B						
	9 AMS	4 qt/a		MPO							
10	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	100 a	99 a	99 a	100 a	86 ab	98 a
	10 ROUNDUP POWERMAX	22 oz/a		MPO	B						
	10 AMS	4 qt/a		MPO							
11	LUMAX	2.25 qt/a		PRE	A	100 a	100 a	100 a	100 a	100 a	99 a
	11 HALEX GT	3.6 pt/a		MPO	B						
	11 AMS	4 qt/a		MPO							
12	BICEP II MAGNUM	2.1 pt/a		PRE	A	100 a	100 a	100 a	99 a	93 ab	93 a
	12 IMPACT	0.75 oz/a		MPO	B						
	12 ATRAZINE	1 pt/a		MPO							
	12 COC	0.8 qt/a		MPO							
	12 AMS	4 qt/a		MPO							
LSD (P=.05)						0.0	5.6	3.0	6.1	10.6	6.0
Standard Deviation						0.0	3.3	1.8	3.6	6.3	3.5
CV						0.0	3.62	1.93	3.94	7.84	3.96
Bartlett's X2						0.0	6.98	8.678	5.019	6.472	7.903
P(Bartlett's X2)						.	0.073	0.034*	0.081	0.692	0.341
Replicate F						0.000	1.316	1.541	1.351	1.803	0.764
Replicate Prob(F)						1.0000	0.2928	0.2374	0.2806	0.1893	0.4782
Treatment F						0.000	231.346	799.381	192.765	50.855	191.981
Treatment Prob(F)						1.0000	0.0001	0.0001	0.0001	0.0001	0.0001

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Weed Code	AMBEL	ABUTH	AMARE	POLPY	SETFA	CHEAL
Crop Code						
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jun/23/2008	Jun/23/2008	Jun/23/2008	Jun/23/2008	Jul/09/2008	Jul/09/2008
Trt-Eval Interval	17 DA-B	17 DA-B	17 DA-B	17 DA-B	33 DA-B	33 DA-B
# Subsamples, Dec.	0	0	0	0	0	0
Trt No.	19	20	21	22	23	24
Treatment Name						
Product Rate						
Product Rate Unit						
Grow Stg						
Appl Code						

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

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					AMBTR	ABUTH	AMARE	POLPY	AMBEL	
Weed Code					CONTROL	CONTROL	CONTROL	CONTROL	CONTROL	
Crop Code					PERCENT	PERCENT	PERCENT	PERCENT	PERCENT	
Rating Data Type					Jul/09/2008	Jul/09/2008	Jul/09/2008	Jul/09/2008	Jul/09/2008	
Rating Unit					33 DA-B	33 DA-B	33 DA-B	33 DA-B	33 DA-B	
Rating Date					0	0	0	0	0	
Trt-Eval Interval										
# Subsamples, Dec.										
Trt No.	Treatment Name	Product Rate	Product Unit	Grow Stg	Appl Code	25	26	27	28	29
1	UTC					0 c	0 c	0 b	0 b	0 b
2	BALANCE FLEXX	3 oz/a		PRE	A	90 ab	100 a	100 a	100 a	100 a
	IGNITE	22 oz/a		MPO	B					
	ATRAZINE	2 pt/a		MPO						
	AMS	4 qt/a		MPO						
3	BALANCE FLEXX	3 oz/a		PRE	A	82 b	100 a	95 a	100 a	100 a
	ATRAZINE	1 pt/a		PRE						
	IGNITE	22 oz/a		MPO	B					
	ATRAZINE	1 pt/a		MPO						
	AMS	4 qt/a		MPO						
4	CORVUS	3 oz/a		PRE	A	82 b	83 b	100 a	93 a	100 a
	IGNITE	22 oz/a		MPO	B					
	ATRAZINE	2 pt/a		MPO						
	AMS	4 qt/a		MPO						
5	CORVUS	3 oz/a		PRE	A	97 a	100 a	98 a	100 a	100 a
	ATRAZINE	2 pt/a		PRE						
	IGNITE	22 oz/a		MPO	B					
	AMS	4 qt/a		MPO						
6	BALANCE PRO	1.5 oz/a		PRE	A	90 ab	100 a	93 a	90 a	100 a
	IGNITE	22 oz/a		MPO	B					
	LAUDIS	2 oz/a		MPO						
	AMS	4 qt/a		MPO						
7	BALANCE FLEXX	1.5 oz/a		PRE	A	95 ab	100 a	100 a	100 a	100 a
	IGNITE	22 oz/a		MPO	B					
	CAPRENO	2 oz/a		MPO						
	AMS	4 qt/a		MPO						
8	BALANCE FLEXX	1.5 oz/a		PRE	A	93 ab	100 a	100 a	100 a	100 a
	CAPRENO	2 oz/a		MPO	B					
	ATRAZINE	1 pt/a		MPO						
	COC	0.8 qt/a		MPO						
	AMS	4 qt/a		MPO						
9	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	88 ab	93 a	93 a	95 a	100 a
	IGNITE	22 oz/a		MPO	B					
	AMS	4 qt/a		MPO						
10	HARNESS XTRA 5.6	1.3 qt/a		PRE	A	94 ab	95 a	100 a	99 a	100 a
	ROUNDUP POWERMAX	22 oz/a		MPO	B					
	AMS	4 qt/a		MPO						
11	LUMAX	2.25 qt/a		PRE	A	99 a	100 a	100 a	100 a	100 a
	HALEX GT	3.6 pt/a		MPO	B					
	AMS	4 qt/a		MPO						
12	BICEP II MAGNUM	2.1 pt/a		PRE	A	96 ab	100 a	100 a	100 a	100 a
	IMPACT	0.75 oz/a		MPO	B					
	ATRAZINE	1 pt/a		MPO						
	COC	0.8 qt/a		MPO						
	AMS	4 qt/a		MPO						
LSD (P=.05)					8.6	6.9	8.2	11.8	0.0	
Standard Deviation					5.1	4.0	4.8	6.9	0.0	
CV					6.07	4.51	5.35	7.71	0.0	
Bartlett's X2					8.707	2.082	10.771	7.961	0.0	
P(Bartlett's X2)					0.56	0.353	0.029*	0.047*	.	
Replicate F					0.670	1.172	1.366	0.156	0.000	
Replicate Prob(F)					0.5223	0.3324	0.2769	0.8567	1.0000	
Treatment F					84.141	151.429	104.726	50.770	0.000	
Treatment Prob(F)					0.0001	0.0001	0.0001	0.0001	1.0000	

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Weed Code	AMBTR	ABUTH	AMARE	POLPY	AMBEL
Crop Code					
Rating Data Type	CONTROL	CONTROL	CONTROL	CONTROL	CONTROL
Rating Unit	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
Rating Date	Jul/09/2008	Jul/09/2008	Jul/09/2008	Jul/09/2008	Jul/09/2008
Trt-Eval Interval	33 DA-B	33 DA-B	33 DA-B	33 DA-B	33 DA-B
# Subsamples, Dec.	0	0	0	0	0

Trt No.	Treatment Name	Product Rate	Product Rate Unit	Grow Stg	Appl Code	25	26	27	28	29

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