

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH LAUDIS POST WITH AND WITHOUT CORVUS PRE, 2008

Trial ID: C0508
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Date Planted: 5/5/08 **Row Spacing:** 30 IN
Variety: Pioneer 37Y14 **No. of Reps:** 4
Population: 30,000 S/A **% OM:** 3.4
Soil Type: Clay Loam **pH:** 6.6
Plot Size: 10 X 35 FT **Design:** RANDOMIZED COMPLETE BLOCK

Tillage: Fall Chisel, Spring Field Cultivation X2
Fertilizer: 300lbs/A 46-0-0 Broadcast. 125lbs/A 19-19-19 in Row at Planting.

Crop and Weed Description

Weed	Code	Common Name	Scientific Name
1.	ANGR	Annual Grass	
2.	CHEAL	LAMBSQUARTERS, COMMON	CHENOPODIUM ALBUM L.
3.	AMARE	PIGWEEED, REDROOT	AMARANTHUS RETROFLEXUS L.
4.	AMBEL	RAGWEEED, COMMON	AMBROSIA ELATIOR L.
5.	ABUTH	VELVETLEAF	ABUTILON THEOPHRASTI MEDIK.
Crop	Code	Common Name	
1.	ZEAMX	CORN, FIELD	

Application Description

	A	B	C
Application Timing:	PRE	MP1	MP2
Date Treated:	5/5/08	6/7/08	6/11/08
Time Treated:	6:00 PM	10:30 AM	2:30 PM
% Cloud Cover:	60	100	50
Air Temp., Unit:	72 F	90 F	90 F
% Relative Humidity:	24	55	42
Wind Speed/Unit/Dir:	7 mph SW	6 mph S	8 mph W
Soil Temp., Unit:	68 F	71 F	73 F
Soil/Leaf Surface M:	4 5	1 4	2 5
Soil Moist (1=w 5=d):	4	1	2

Crop Stage at Each Application

	A	B	C
Crop Name:	ZEAMX	ZEAMX	ZEAMX
Height (In.):		4-9(7)	12-14(13)
Stage (L):		V3-4(4)6L	V4-5(5)7L

Weed Stage at Each Application

	A	B	C
Weed 1 Name:	ANGR	ANGR	ANGR
Height (In.):		.5-6(5)	.5-12(9)
Stage (L):		3-7(5)	2-9(6)
Weed 2 Name:	CHEAL	CHEAL	CHEAL
Height (In.):		.5-5(4)	.5-10(8)
Stage (L):		4-12(8)	2-16(14)
Weed 3 Name:	AMARE	AMARE	AMARE
Height (In.):		.5-4(3)	.5-10(8)
Stage (L):		2-10(6)	2-10(8)
Weed 4 Name:	AMBEL	AMBEL	AMBEL
Height (In.):		.5-6(4)	.5-8(6)
Stage (L):		4-8(6)	2-10(10)
Weed 5 Name:	ABUTH	ABUTH	ABUTH
Height (In.):		.5-4(2)	.5-5(3)
Stage (L):		2-4(3)	3-4(4)

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Weed Density (plants/sq. ft.)

	1	2	3
Date:	5/5/08	6/7/08	6/11/08
Weed Name:	ANGR	ANGR	ANGR
Density:	12	13	
Date:	5/5/08	6/7/08	6/11/08
Weed Name:	CHEAL	CHEAL	CHEAL
Density:	17	19	
Date:	5/5/08	6/7/08	6/11/08
Weed Name:	AMARE	AMARE	AMARE
Density:	1	1	
Date:	5/5/08	6/7/08	6/11/08
Weed Name:	AMBEL	AMBEL	AMBEL
Density:	11	11	
Date:	5/5/08	6/7/08	6/11/08
Weed Name:	ABUTH	ABUTH	ABUTH
Density:	1	1	

Application Equipment

Appl	Sprayer	Speed	Nozzle	Nozzle	Nozzle	Nozzle	Boom			
	Type	MPH	Type	Size	Height	Spacing	Width	GPA	Carrier	PSI
A	CUB	3.5	FF	8003	18"	20"	100"	20	H20	30
B	BackPack	3.5	FF	8003	23"	20"	100"	20	H20	30
C	CUB	3.5	FF	8003	26"	20"	100"	20	H20	30

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Weed Code							an	che	ama	amb	abu		
Crop Code							ZEAMX						ZEAMX
Rating Data Type							injury	control	control	control	control	control	injury
Rating Unit							percent	percent	percent	percent	percent	percent	percent
Rating Date							6/7/08	6/7/08	6/7/08	6/7/08	6/7/08	6/7/08	6/13/08
Trt-Eval Interval							AT MP	AT MP	AT MP	AT MP	AT MP	AT MP	6 DAMP1
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7
1	Non-Treated												0
2	Corvus	2.6	SC	2.5	fl oz/a	PRE	0	73	83	100	72	76	0
2	Atrazine	4	L	1	qt/a	PRE							
2	Laudis	3.5	SC	3	fl oz/a	MP2							
2	Atrazine	4	L	1	pt/a	MP2							
2	Herbimax		L	1	% v/v	MP2							
2	28% Nitrogen		L	1.5	qt/a	MP2							
3	Corvus	2.6	SC	2.5	fl oz/a	PRE	0	77	87	98	76	91	0
3	Atrazine	4	L	1	qt/a	PRE							
3	Laudis	3.5	SC	3	fl oz/a	MP2							
3	Atrazine	4	L	2	pt/a	MP2							
3	MSO		L	1	% v/v	MP2							
3	28% Nitrogen		L	1.5	qt/a	MP2							
4	Lumax	3.94	SE	1.5	qt/a	PRE	0	78	79	94	66	90	1
4	Lumax	3.94	SE	1.5	qt/a	MP2							
4	Activator 90		L	0.25	% v/v	MP2							
5	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	87	68	93	50	43	0
5	Laudis	3.5	SC	3	fl oz/a	MP2							
5	Atrazine	4	L	1	pt/a	MP2							
5	MSO		L	1	% v/v	MP2							
5	28% Nitrogen		L	1.5	qt/a	MP2							
6	Laudis	3.5	SC	2	fl oz/a	MP2							0
6	Ignite 280	2.34	L	22.9	fl oz/a	MP2							
6	Atrazine	4	L	1	pt/a	MP2							
6	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2							
7	Laudis	3.5	SC	3	fl oz/a	MP2							0
7	Roundup PowerMAX	4.5	L	22	fl oz/a	MP2							
7	Atrazine	4	L	1	pt/a	MP2							
7	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2							
8	Laudis	3.5	SC	3	fl oz/a	MP2							0
8	Atrazine	4	L	1	pt/a	MP2							
8	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2							
8	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2							
9	Laudis	3.5	SC	3	fl oz/a	MP1							2
9	Atrazine	4	L	2	pt/a	MP1							
9	MSO		L	1	% v/v	MP1							
9	28% Nitrogen		L	1.5	qt/a	MP1							
10	Laudis	3.5	SC	3	fl oz/a	MP1							2
10	Atrazine	4	L	2	pt/a	MP1							
10	Prowl H2O	3.8	L	2	pt/a	MP1							
10	Herbimax		L	1	% v/v	MP1							
10	28% Nitrogen		L	1.5	qt/a	MP1							

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Weed Code								angr	cheal	amare	ambel	abuth	
Crop Code								ZEAMX					ZEAMX
Rating Data Type								injury	control	control	control	control	injury
Rating Unit								percent	percent	percent	percent	percent	percent
Rating Date								6/7/08	6/7/08	6/7/08	6/7/08	6/7/08	6/13/08
Trt-Eval Interval								AT MP	AT MP	AT MP	AT MP	AT MP	6 DAMP1

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7
11	Laudis	3.5	SC	3	fl oz/a	MP2							0
11	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2							
11	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2							
12	Laudis	3.5	SC	3	fl oz/a	MP2							0
12	Roundup PowerMAX	4.5	L	5.5	fl oz/a	MP2							
12	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2							
LSD (P=.05)							0.0	7.4	13.5	5.7	13.3	15.8	1.2
Standard Deviation							0.0	4.7	8.4	3.6	8.3	9.9	0.8
CV							0.0	5.94	10.7	3.71	12.59	13.22	216.49

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Weed Code							anгр		cheal	amare	ambel	abuth
Crop Code							ZEAMX					
Rating Data Type							injury		control	control	control	control
Rating Unit							percent		percent	percent	percent	percent
Rating Date							6/18/08		6/18/08	6/18/08	6/18/08	6/18/08
Trt-Eval Interval							7 DAMP2		7 DAMP2	7 DAMP2	7 DAMP2	7 DAMP2
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	8	9	10	11	12	13
1	Non-Treated						0	0	0	0	0	0
2	Corvus	2.6	SC	2.5	fl oz/a	PRE	0	97	100	100	100	100
2	Atrazine	4	L	1	qt/a	PRE						
2	Laudis	3.5	SC	3	fl oz/a	MP2						
2	Atrazine	4	L	1	pt/a	MP2						
2	Herbimax		L	1	% v/v	MP2						
2	28% Nitrogen		L	1.5	qt/a	MP2						
3	Corvus	2.6	SC	2.5	fl oz/a	PRE	0	98	100	100	100	100
3	Atrazine	4	L	1	qt/a	PRE						
3	Laudis	3.5	SC	3	fl oz/a	MP2						
3	Atrazine	4	L	2	pt/a	MP2						
3	MSO		L	1	% v/v	MP2						
3	28% Nitrogen		L	1.5	qt/a	MP2						
4	Lumax	3.94	SE	1.5	qt/a	PRE	0	76	99	100	100	100
4	Lumax	3.94	SE	1.5	qt/a	MP2						
4	Activator 90		L	0.25	% v/v	MP2						
5	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	98	98	100	97	99
5	Laudis	3.5	SC	3	fl oz/a	MP2						
5	Atrazine	4	L	1	pt/a	MP2						
5	MSO		L	1	% v/v	MP2						
5	28% Nitrogen		L	1.5	qt/a	MP2						
6	Laudis	3.5	SC	2	fl oz/a	MP2	0	98	94	100	100	99
6	Ignite 280	2.34	L	22.9	fl oz/a	MP2						
6	Atrazine	4	L	1	pt/a	MP2						
6	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2						
7	Laudis	3.5	SC	3	fl oz/a	MP2	0	96	86	100	94	100
7	Roundup PowerMAX	4.5	L	22	fl oz/a	MP2						
7	Atrazine	4	L	1	pt/a	MP2						
7	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2						
8	Laudis	3.5	SC	3	fl oz/a	MP2	0	96	92	100	99	100
8	Atrazine	4	L	1	pt/a	MP2						
8	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2						
8	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2						
9	Laudis	3.5	SC	3	fl oz/a	MP1	0	97	100	100	100	100
9	Atrazine	4	L	2	pt/a	MP1						
9	MSO		L	1	% v/v	MP1						
9	28% Nitrogen		L	1.5	qt/a	MP1						
10	Laudis	3.5	SC	3	fl oz/a	MP1	0	96	100	100	100	100
10	Atrazine	4	L	2	pt/a	MP1						
10	Prowl H2O	3.8	L	2	pt/a	MP1						
10	Herbimax		L	1	% v/v	MP1						
10	28% Nitrogen		L	1.5	qt/a	MP1						

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							anгр	cheal	amare	ambel	abuth	
							ZEAMX					
							injury	control	control	control	control	control
							percent	percent	percent	percent	percent	percent
							6/18/08	6/18/08	6/18/08	6/18/08	6/18/08	6/18/08
							7 DAMP2	7 DAMP2	7 DAMP2	7 DAMP2	7 DAMP2	7 DAMP2
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	8	9	10	11	12	13
11	Laudis	3.5	SC	3	fl oz/a	MP2	0	95	85	100	87	98
11	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2						
11	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2						
12	Laudis	3.5	SC	3	fl oz/a	MP2	0	89	79	99	81	88
12	Roundup PowerMAX	4.5	L	5.5	fl oz/a	MP2						
12	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2						
LSD (P=.05)							0.0	6.4	5.5	1.0	4.6	4.1
Standard Deviation							0.0	4.4	3.8	0.7	3.2	2.8
CV							0.0	5.15	4.45	0.79	3.61	3.12

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Weed Code							anгр				
Crop Code							ZEAMX				
Rating Data Type							injury				
Rating Unit							control				
Rating Date							percent				
Trt-Eval Interval							6/25/08				
							14 DAMP2				
Trt	Treatment	Form	Form	Rate	Rate	Grow	14	15	16	17	18
No.	Name	Conc	Type	Unit	Unit	Stg					
1	Non-Treated						0	0	0	0	0
2	Corvus	2.6	SC	2.5	fl oz/a	PRE	0	98	100	100	100
2	Atrazine	4	L	1	qt/a	PRE					
2	Laudis	3.5	SC	3	fl oz/a	MP2					
2	Atrazine	4	L	1	pt/a	MP2					
2	Herbimax		L	1	% v/v	MP2					
2	28% Nitrogen		L	1.5	qt/a	MP2					
3	Corvus	2.6	SC	2.5	fl oz/a	PRE	0	100	100	100	100
3	Atrazine	4	L	1	qt/a	PRE					
3	Laudis	3.5	SC	3	fl oz/a	MP2					
3	Atrazine	4	L	2	pt/a	MP2					
3	MSO		L	1	% v/v	MP2					
3	28% Nitrogen		L	1.5	qt/a	MP2					
4	Lumax	3.94	SE	1.5	qt/a	PRE	0	71	100	100	100
4	Lumax	3.94	SE	1.5	qt/a	MP2					
4	Activator 90		L	0.25	% v/v	MP2					
5	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	98	100	100	100
5	Laudis	3.5	SC	3	fl oz/a	MP2					
5	Atrazine	4	L	1	pt/a	MP2					
5	MSO		L	1	% v/v	MP2					
5	28% Nitrogen		L	1.5	qt/a	MP2					
6	Laudis	3.5	SC	2	fl oz/a	MP2	0	100	100	100	100
6	Ignite 280	2.34	L	22.9	fl oz/a	MP2					
6	Atrazine	4	L	1	pt/a	MP2					
6	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
7	Laudis	3.5	SC	3	fl oz/a	MP2	0	99	99	100	100
7	Roundup PowerMAX	4.5	L	22	fl oz/a	MP2					
7	Atrazine	4	L	1	pt/a	MP2					
7	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
8	Laudis	3.5	SC	3	fl oz/a	MP2	0	99	100	100	100
8	Atrazine	4	L	1	pt/a	MP2					
8	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2					
8	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
9	Laudis	3.5	SC	3	fl oz/a	MP1	1	95	100	100	98
9	Atrazine	4	L	2	pt/a	MP1					
9	MSO		L	1	% v/v	MP1					
9	28% Nitrogen		L	1.5	qt/a	MP1					
10	Laudis	3.5	SC	3	fl oz/a	MP1	2	93	100	100	99
10	Atrazine	4	L	2	pt/a	MP1					
10	Prowl H2O	3.8	L	2	pt/a	MP1					
10	Herbimax		L	1	% v/v	MP1					
10	28% Nitrogen		L	1.5	qt/a	MP1					

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Crop Code							ZEAMX				
Rating Data Type							injury	control	control	control	
Rating Unit							percent	percent	percent	percent	
Rating Date							6/25/08	6/25/08	6/25/08	6/25/08	
Trt-Eval Interval							14 DAMP2	14 DAMP2	14 DAMP2	14 DAMP2	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	14	15	16	17	18
11	Laudis	3.5	SC	3	fl oz/a	MP2	0	99	94	100	100
11	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2					
11	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
12	Laudis	3.5	SC	3	fl oz/a	MP2	0	99	93	100	100
12	Roundup PowerMAX	4.5	L	5.5	fl oz/a	MP2					
12	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
LSD (P=.05)							1.4	3.5	3.2	0.0	0.9
Standard Deviation							1.0	2.4	2.2	0.0	0.6
CV							368.41	2.77	2.42	0.0	0.65

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Crop Code								ZEAMX			
Rating Data Type							control	injury	control	control	control
Rating Unit							percent	percent	percent	percent	percent
Rating Date							6/25/08	7/9/08	7/9/08	7/9/08	7/9/08
Trt-Eval Interval							14 DAMP2	28 DAMP2	28 DAMP2	28 DAMP2	28 DAMP2
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	19	20	21	22	23
1	Non-Treated						0	0	0	0	0
2	Corvus	2.6	SC	2.5	fl oz/a	PRE	100	0	93	100	100
2	Atrazine	4	L	1	qt/a	PRE					
2	Laudis	3.5	SC	3	fl oz/a	MP2					
2	Atrazine	4	L	1	pt/a	MP2					
2	Herbimax		L	1	% v/v	MP2					
2	28% Nitrogen		L	1.5	qt/a	MP2					
3	Corvus	2.6	SC	2.5	fl oz/a	PRE	100	0	95	100	100
3	Atrazine	4	L	1	qt/a	PRE					
3	Laudis	3.5	SC	3	fl oz/a	MP2					
3	Atrazine	4	L	2	pt/a	MP2					
3	MSO		L	1	% v/v	MP2					
3	28% Nitrogen		L	1.5	qt/a	MP2					
4	Lumax	3.94	SE	1.5	qt/a	PRE	100	0	55	100	100
4	Lumax	3.94	SE	1.5	qt/a	MP2					
4	Activator 90		L	0.25	% v/v	MP2					
5	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	0	95	100	100
5	Laudis	3.5	SC	3	fl oz/a	MP2					
5	Atrazine	4	L	1	pt/a	MP2					
5	MSO		L	1	% v/v	MP2					
5	28% Nitrogen		L	1.5	qt/a	MP2					
6	Laudis	3.5	SC	2	fl oz/a	MP2	100	0	96	100	100
6	Ignite 280	2.34	L	22.9	fl oz/a	MP2					
6	Atrazine	4	L	1	pt/a	MP2					
6	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
7	Laudis	3.5	SC	3	fl oz/a	MP2	100	0	96	100	100
7	Roundup PowerMAX	4.5	L	22	fl oz/a	MP2					
7	Atrazine	4	L	1	pt/a	MP2					
7	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
8	Laudis	3.5	SC	3	fl oz/a	MP2	100	0	93	97	100
8	Atrazine	4	L	1	pt/a	MP2					
8	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2					
8	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
9	Laudis	3.5	SC	3	fl oz/a	MP1	100	0	89	100	99
9	Atrazine	4	L	2	pt/a	MP1					
9	MSO		L	1	% v/v	MP1					
9	28% Nitrogen		L	1.5	qt/a	MP1					
10	Laudis	3.5	SC	3	fl oz/a	MP1	100	0	92	100	100
10	Atrazine	4	L	2	pt/a	MP1					
10	Prowl H2O	3.8	L	2	pt/a	MP1					
10	Herbimax		L	1	% v/v	MP1					
10	28% Nitrogen		L	1.5	qt/a	MP1					

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Weed Code							abuth		anгр	cheal	amare
Crop Code								ZEAMX			
Rating Data Type							control	injury	control	control	control
Rating Unit							percent	percent	percent	percent	percent
Rating Date							6/25/08	7/9/08	7/9/08	7/9/08	7/9/08
Trt-Eval Interval							14 DAMP2	28 DAMP2	28 DAMP2	28 DAMP2	28 DAMP2
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Unit	Grow Stg	19	20	21	22	23
11	Laudis	3.5	SC	3	fl oz/a	MP2	100	0	97	93	99
11	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2					
11	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
12	Laudis	3.5	SC	3	fl oz/a	MP2	100	0	95	91	100
12	Roundup PowerMAX	4.5	L	5.5	fl oz/a	MP2					
12	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
LSD (P=.05)							0.4	0.0	6.2	5.2	0.9
Standard Deviation							0.3	0.0	4.3	3.6	0.6
CV							0.32	0.0	5.21	4.02	0.68

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH LAUDIS POST WITH AND WITHOUT CORVUS PRE, 2008

Trial ID: C0508
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

							ambel	abuth	angr	cheal	amare
							control	control	control	control	control
							percent	percent	percent	percent	percent
							7/9/08	7/9/08	8/6/08	8/6/08	8/6/08
							28 DAMP2	28 DAMP2	56 DAMP2	56 DAMP2	56 DAMP2
Trt	Treatment	Form	Form	Rate	Rate	Grow					
No.	Name	Conc	Type	Rate	Unit	Stg	24	25	26	27	28
1	Non-Treated						0	0	0	0	0
2	Corvus	2.6	SC	2.5	fl oz/a	PRE	100	100	92	100	100
2	Atrazine	4	L	1	qt/a	PRE					
2	Laudis	3.5	SC	3	fl oz/a	MP2					
2	Atrazine	4	L	1	pt/a	MP2					
2	Herbimax		L	1	% v/v	MP2					
2	28% Nitrogen		L	1.5	qt/a	MP2					
3	Corvus	2.6	SC	2.5	fl oz/a	PRE	100	99	96	100	100
3	Atrazine	4	L	1	qt/a	PRE					
3	Laudis	3.5	SC	3	fl oz/a	MP2					
3	Atrazine	4	L	2	pt/a	MP2					
3	MSO		L	1	% v/v	MP2					
3	28% Nitrogen		L	1.5	qt/a	MP2					
4	Lumax	3.94	SE	1.5	qt/a	PRE	100	100	45	100	100
4	Lumax	3.94	SE	1.5	qt/a	MP2					
4	Activator 90		L	0.25	% v/v	MP2					
5	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	94	100	100
5	Laudis	3.5	SC	3	fl oz/a	MP2					
5	Atrazine	4	L	1	pt/a	MP2					
5	MSO		L	1	% v/v	MP2					
5	28% Nitrogen		L	1.5	qt/a	MP2					
6	Laudis	3.5	SC	2	fl oz/a	MP2	100	99	95	100	100
6	Ignite 280	2.34	L	22.9	fl oz/a	MP2					
6	Atrazine	4	L	1	pt/a	MP2					
6	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
7	Laudis	3.5	SC	3	fl oz/a	MP2	100	100	95	100	100
7	Roundup PowerMAX	4.5	L	22	fl oz/a	MP2					
7	Atrazine	4	L	1	pt/a	MP2					
7	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
8	Laudis	3.5	SC	3	fl oz/a	MP2	100	100	94	98	100
8	Atrazine	4	L	1	pt/a	MP2					
8	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2					
8	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
9	Laudis	3.5	SC	3	fl oz/a	MP1	98	100	86	100	100
9	Atrazine	4	L	2	pt/a	MP1					
9	MSO		L	1	% v/v	MP1					
9	28% Nitrogen		L	1.5	qt/a	MP1					
10	Laudis	3.5	SC	3	fl oz/a	MP1	98	100	87	99	99
10	Atrazine	4	L	2	pt/a	MP1					
10	Prowl H2O	3.8	L	2	pt/a	MP1					
10	Herbimax		L	1	% v/v	MP1					
10	28% Nitrogen		L	1.5	qt/a	MP1					

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH LAUDIS POST WITH AND WITHOUT CORVUS PRE, 2008

Trial ID: C0508
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

							ambel	abuth	angr	cheal	amare
							control	control	control	control	control
							percent	percent	percent	percent	percent
							7/9/08	7/9/08	8/6/08	8/6/08	8/6/08
							28 DAMP2	28 DAMP2	56 DAMP2	56 DAMP2	56 DAMP2
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Rate	Unit	Stg	24	25	26	27	28
11	Laudis	3.5	SC	3	fl oz/a	MP2	99	100	95	93	98
11	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2					
11	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
12	Laudis	3.5	SC	3	fl oz/a	MP2	99	99	96	89	100
12	Roundup PowerMAX	4.5	L	5.5	fl oz/a	MP2					
12	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2					
LSD (P=.05)							2.4	1.6	6.9	6.0	1.5
Standard Deviation							1.6	1.1	4.8	4.2	1.0
CV							1.79	1.21	5.91	4.64	1.11

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH LAUDIS POST WITH AND WITHOUT CORVUS PRE, 2008

Trial ID: C0508
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Weed Code							ambel	abuth	
Crop Code									ZEAMX
Rating Data Type							control	control	yield
Rating Unit							percent	percent	bu/ac
Rating Date							8/6/08	8/6/08	10/17/08
Trt-Eval Interval							56 DAMP2	56 DAMP2	HARVEST
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	29	30	31
1	Non-Treated						0	0	45
2	Corvus	2.6	SC	2.5	fl oz/a	PRE	100	100	215
2	Atrazine	4	L	1	qt/a	PRE			
2	Laudis	3.5	SC	3	fl oz/a	MP2			
2	Atrazine	4	L	1	pt/a	MP2			
2	Herbimax		L	1	% v/v	MP2			
2	28% Nitrogen		L	1.5	qt/a	MP2			
3	Corvus	2.6	SC	2.5	fl oz/a	PRE	100	100	229
3	Atrazine	4	L	1	qt/a	PRE			
3	Laudis	3.5	SC	3	fl oz/a	MP2			
3	Atrazine	4	L	2	pt/a	MP2			
3	MSO		L	1	% v/v	MP2			
3	28% Nitrogen		L	1.5	qt/a	MP2			
4	Lumax	3.94	SE	1.5	qt/a	PRE	100	100	209
4	Lumax	3.94	SE	1.5	qt/a	MP2			
4	Activator 90		L	0.25	% v/v	MP2			
5	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	224
5	Laudis	3.5	SC	3	fl oz/a	MP2			
5	Atrazine	4	L	1	pt/a	MP2			
5	MSO		L	1	% v/v	MP2			
5	28% Nitrogen		L	1.5	qt/a	MP2			
6	Laudis	3.5	SC	2	fl oz/a	MP2	100	100	205
6	Ignite 280	2.34	L	22.9	fl oz/a	MP2			
6	Atrazine	4	L	1	pt/a	MP2			
6	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2			
7	Laudis	3.5	SC	3	fl oz/a	MP2	100	100	212
7	Roundup PowerMAX	4.5	L	22	fl oz/a	MP2			
7	Atrazine	4	L	1	pt/a	MP2			
7	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2			
8	Laudis	3.5	SC	3	fl oz/a	MP2	98	100	201
8	Atrazine	4	L	1	pt/a	MP2			
8	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2			
8	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2			
9	Laudis	3.5	SC	3	fl oz/a	MP1	99	100	222
9	Atrazine	4	L	2	pt/a	MP1			
9	MSO		L	1	% v/v	MP1			
9	28% Nitrogen		L	1.5	qt/a	MP1			
10	Laudis	3.5	SC	3	fl oz/a	MP1	99	100	203
10	Atrazine	4	L	2	pt/a	MP1			
10	Prowl H2O	3.8	L	2	pt/a	MP1			
10	Herbimax		L	1	% v/v	MP1			
10	28% Nitrogen		L	1.5	qt/a	MP1			

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH LAUDIS POST WITH AND WITHOUT CORVUS PRE, 2008

Trial ID: C0508
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Weed Code		ambel	abuth	
Crop Code				ZEAMX
Rating Data Type		control	control	yield
Rating Unit		percent	percent	bu/ac
Rating Date		8/6/08	8/6/08	10/17/08
Trt-Eval Interval		56 DAMP2	56 DAMP2	HARVEST

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	29	30	31
11	Laudis	3.5	SC	3	fl oz/a	MP2	98	100	213
11	Roundup PowerMAX	4.5	L	11	fl oz/a	MP2			
11	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2			
12	Laudis	3.5	SC	3	fl oz/a	MP2	98	100	214
12	Roundup PowerMAX	4.5	L	5.5	fl oz/a	MP2			
12	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP2			

LSD (P=.05)	3.8	0.0	22.7
Standard Deviation	2.6	0.0	15.7
CV	2.87	0.0	7.87