

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Date Planted: 5/5/08 **Row Spacing:** 30 IN
Variety: Pioneer 37Y14 **No. of Reps:** 6
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.	ANG	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	D
Application Timing:	PRE	EP	MP	LP
Date Treated:	5/5/08	5/28/08	6/11/08	6/18/08
Time Treated:	12:00 PM	5:00 PM	11:00 AM	9:10 AM
% Cloud Cover:	100	5	5	90
Air Temp., Unit:	66 F	64 F	80 F	59 F
% Relative Humidity:	24	27	58	75
Wind Speed/Unit/Dir:	7 mph SW	3 mph W	6 mph W	5 mph W
Soil Temp., Unit:	59 F	68 F	67 F	60 F
Soil/Leaf Surface M:	4 5	4 5	2 5	5 5
Soil Moist (1=w 5=d):	0	0	0	0

Crop Stage at Each Application

	A	B	C	D
Crop Name:	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Height (In.):		2-4(4)		17-20(18)
Stage (L):		V1-2(2)4L		V6-7(7)8L

Weed Stage at Each Application

	A	B	C	D
Weed 1 Name:	ANG	ANG	ANG	ANG
Height (In.):		1-2(1)	.5-10(6)	1-8(6)
Stage (L):		2-4(4)	3-5(5)	3-6(6)
Weed 2 Name:	CHEAL	CHEAL	CHEAL	CHEAL
Height (In.):		.3-1.5(1)	.5-9(6)	1-10(7)
Stage (L):		Cot-6(4)	3-13(6)	6-18(8)
Weed 3 Name:	AMARE	AMARE	AMARE	AMARE
Height (In.):		.3-.5(.5)	.5-10(7)	
Stage (L):		Cot-2(2)	2-26(9)	
Weed 4 Name:	AMBEL	AMBEL	AMBEL	AMBEL
Height (In.):		.3-1.5(1)	.5-8(4)	.25-6(4)
Stage (L):		Cot-4(2)	4-8(6)	Cot-12(10)
Weed 5 Name:	ABUTH	ABUTH	ABUTH	ABUTH
Height (In.):		.3-1.5(1)	.5-6(3)	3-8(6)
Stage (L):		Cot-2(2)	2-6(4)	4-5(5)

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Weed Density (plants/sq. ft.)

	1	2	3
Date:	5/5/08	5/28/08	6/11/08
Weed Name:	ANGR	ANGR	ANGR
Density:	13	8	
Date:	5/5/08	5/28/08	6/11/08
Weed Name:	CHEAL	CHEAL	CHEAL
Density:	14	18	
Date:	5/5/08	5/28/08	6/11/08
Weed Name:	AMARE	AMARE	AMARE
Density:	1	1	
Date:	5/5/08	5/28/08	6/11/08
Weed Name:	AMBEL	AMBEL	AMBEL
Density:	9	10	
Date:	5/5/08	5/28/08	6/11/08
Weed Name:	ABUTH	ABUTH	ABUTH
Density:	1	1	

Application Equipment

Appl	Sprayer	Speed	Nozzle	Nozzle	Nozzle	Nozzle	Boom	GPA	Carrier	PSI
	Type	MPH	Type	Size	Height	Spacing	Width			
A	CUB	3.5	FF	8003	18"	20"	100"	20	H2O	30
B	CUB	3.5	FF	8003	26"	20"	100"	20	H2O	30
C	CUB	3.5	FF	8003	27"	20"	100"	20	H2O	30
D	CUB	3.5	FF	8003	29"	20"	100"	20	H2O	30

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Weed Code							anгр	cheal	amare	ambel	abuth		
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							6/12/08	6/12/08	6/12/08	6/12/08	6/12/08	6/12/08	6/18/08
Trt-Eval Interval							AT MP	AT MP	AT MP	AT MP	AT MP	AT MP	7 DAMP
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7
14	Laudis	3.5	SC	3	fl oz/a	EP	0	97	100	100	100	100	0
14	Atrazine	4	L	1	qt/a	EP							
14	MSO		L	1	% v/v	EP							
14	UAN 28%		L	1.5	qt/a	EP							
15	Harness Xtra 5.6	5.6	L	1.5	qt/a	PRE	0	90	79	98	70	55	0
15	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
15	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
16	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	0	76	71	85	60	51	0
16	Impact	2.8	SC	0.5	fl oz/a	MP							
16	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
16	Atrazine	4	L	0.5	qt/a	MP							
16	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP							
17	Guardsman Max	5	L	4	pt/a	PRE	0	94	91	98	73	67	1
17	Status	56	DF	5	oz/a	MP							
17	Activator 90		L	0.25	% v/v	MP							
17	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
18	Halex GT	4.39	L	3.6	pt/a	MP	0	0	0	0	0	0	2
18	Atrazine	4	L	1	pt/a	MP							
18	Activator 90		L	0.25	% v/v	MP							
18	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
19	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	86	78	99	63	57	0
19	Yukon	67.5	WG	4	oz/a	LP							
19	Roundup PowerMAX	4.5	L	22	fl oz/a	LP							
19	Activator 90		L	0.125	% v/v	LP							
19	Ammonium Sulfate	100	DF	17	lb/100 gal	LP							
20	Parallel Plus	5.5	L	2.3	qt/a	PRE	0	88	93	100	70	63	0
20	Buccaneer Plus	3	L	1	qt/a	MP							
20	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
21	Prowl H2O	3.8	L	2.6	pt/a	MP							0
21	Status	56	DF	2.5	oz/a	MP							
21	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
21	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
22	Weed Free						0						0
23	Lumax	3.94	SE	2	qt/a	PRE	0	79	95	100	82	96	0
23	Touchdown Total	4.17	L	24	fl oz/a	MP							
23	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
24	SureStart	4.16	EW	1.75	pt/a	PRE	0	100	99	100	100	96	0
24	Durango DMA	4	L	24	fl oz/a	EP							
24	Ammonium Sulfate	100	DF	2	% w/w	EP							
25	Lumax	3.94	SE	2.5	qt/a	PRE	0	87	100	100	95	99	0
25	Atrazine	4	L	1	qt/a	PRE							

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Crop Code								ZEAMX					ZEAMX
Rating Data Type								injury	control	control	control	control	injury
Rating Unit								percent	percent	percent	percent	percent	percent
Rating Date								6/12/08	6/12/08	6/12/08	6/12/08	6/12/08	6/18/08
Trt-Eval Interval								AT MP	AT MP	AT MP	AT MP	AT MP	7 DAMP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6	7
26	Outlook	6	L	10	fl oz/a	PRE	0	95	28	94	56	55	0
26	Status	56	DF	2.5	oz/a	MP							
26	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
26	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
27	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	0	91	92	100	69	61	2
27	Yukon	67.5	WG	4	oz/a	MP							
27	Herbimax		L	1	% v/v	MP							
28	Degree Xtra	4	L	2	qt/a	PRE	0	83	74	100	62	57	0
28	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
28	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
29	Prowl H2O	3.8	L	1	qt/a	EP	0	99	100	100	99	99	1
29	Laudis	3.5	SC	3	fl oz/a	EP							
29	MSO		L	1	% v/v	EP							
29	UAN 28%		L	1.5	qt/a	EP							
30	Resolve	25	DF	1	oz/a	PRE	0	52	71	98	64	61	0
30	Atrazine	4	L	0.75	qt/a	PRE							
30	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
30	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
31	Guardsman Max	5	L	2.5	pt/a	PRE	0	88	83	100	66	62	0
31	Status	56	DF	2.5	oz/a	MP							
31	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
31	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
32	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	85	69	100	62	58	2
32	Yukon	67.5	WG	4	oz/a	MP							
32	Roundup PowerMAX	4.5	L	22	fl oz/a	MP							
32	Activator 90		L	0.125	% v/v	MP							
32	Ammonium Sulfate	100	DF	17	lb/100 gal	MP							
33	Steadfast	75	WG	0.75	oz/a	MP							3
33	Atrazine	4	L	1	qt/a	MP							
33	Status	56	DF	2.5	oz/a	MP							
33	Herbimax		L	1	% v/v	MP							
33	Ammonium Sulfate	100	DF	2	lb/100 gal	MP							

LSD (P=.05)	0.0	8.2	15.6	13.8	8.8	10.0	1.2
Standard Deviation	0.0	7.1	13.7	12.1	7.7	8.8	1.1
CV	0.0	8.96	19.15	13.96	11.43	13.75	357.6

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Weed Code							anqr	cheal	amare	ambel	
Crop Code							ZEAMX				
Rating Data Type							injury	control	control	control	control
Rating Unit							percent	percent	percent	percent	percent
Rating Date							6/25/08	6/25/08	6/25/08	6/25/08	6/25/08
Trt-Eval Interval							14 DAMP	14 DAMP	14 DAMP	14 DAMP	14 DAMP
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	8	9	10	11	12
1	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	1	100	100	100	100
1	Impact	2.8	SC	0.5	fl oz/a	MP					
1	Atrazine	4	L	0.5	qt/a	MP					
1	MSO		L	1	% v/v	MP					
1	UAN 28%		L	2.5	% v/v	MP					
2	Laudis	3.5	SC	3	fl oz/a	EP	0	87	93	99	96
2	MSO		L	1	% v/v	EP					
2	UAN 28%		L	1.5	qt/a	EP					
3	Parallel	7.8	EC	2	pt/a	PRE	1	100	100	100	99
3	Buccaneer Plus	3	L	1	qt/a	MP					
3	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
4	Liberty	1.67	L	1	qt/a	MP	1	100	100	100	100
4	Atrazine	4	L	1	pt/a	MP					
4	Ammonium Sulfate	100	DF	3	lb/100 gal	MP					
5	Resolve	25	DF	0.229	oz ai/a	EP	0	97	100	100	97
5	Harmony GT 50 SG	50	SG	0.05	oz ai/a	EP					
5	Isoxadifen-Ethyl	50	DF	0.115	oz ai/a	EP					
5	Atrazine	4	L	0.75	qt/a	EP					
5	Roundup PowerMAX	4.5	L	22	fl oz/a	EP					
5	Ammonium Sulfate	100	DF	17	lb/100 gal	EP					
6	Roundup PowerMAX	4.5	L	22	fl oz/a	MP	1	100	100	100	100
6	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
6	Roundup PowerMAX	4.5	L	22	fl oz/a	LP					
6	Ammonium Sulfate	100	DF	17	lb/100 gal	LP					
7	SureStart	4.16	EW	1.75	pt/a	EP	1	99	93	100	97
7	Durango DMA	4	L	24	fl oz/a	EP					
7	Ammonium Sulfate	100	DF	2	% w/w	EP					
8	Non-Treated						0	0	0	0	0
9	Breakfree ATZ	5.25	L	2.6	qt/a	PRE	0	95	93	100	89
9	Resolve	25	DF	1	oz/a	PRE					
10	Parallel Plus	5.5	L	1.5	qt/a	PRE	0	100	99	100	97
10	Buccaneer Plus	3	L	1	qt/a	MP					
10	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
11	Degree Xtra	4	L	2	qt/a	EP	0	100	96	100	94
11	Roundup PowerMAX	4.5	L	22	fl oz/a	EP					
11	Ammonium Sulfate	100	DF	17	lb/100 gal	EP					
12	Bicep II Magnum	5.5	L	1.6	qt/a	PRE	0	100	100	100	98
12	Touchdown Total	4.17	L	24	fl oz/a	MP					
12	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
13	Parallel	7.8	EC	1.5	pt/a	PRE	0	100	100	100	99
13	Buccaneer Plus	3	L	1	qt/a	MP					
13	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					

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Weed Code							anгр	cheal	amare	ambel	
Crop Code							ZEAMX				
Rating Data Type							injury	control	control	control	control
Rating Unit							percent	percent	percent	percent	percent
Rating Date							6/25/08	6/25/08	6/25/08	6/25/08	6/25/08
Trt-Eval Interval							14 DAMP	14 DAMP	14 DAMP	14 DAMP	14 DAMP
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	8	9	10	11	12
14	Laudis	3.5	SC	3	fl oz/a	EP	0	92	100	100	99
14	Atrazine	4	L	1	qt/a	EP					
14	MSO		L	1	% v/v	EP					
14	UAN 28%		L	1.5	qt/a	EP					
15	Harness Xtra 5.6	5.6	L	1.5	qt/a	PRE	0	99	99	100	98
15	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
15	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
16	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	0	100	100	100	100
16	Impact	2.8	SC	0.5	fl oz/a	MP					
16	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
16	Atrazine	4	L	0.5	qt/a	MP					
16	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP					
17	Guardsman Max	5	L	4	pt/a	PRE	0	94	90	100	92
17	Status	56	DF	5	oz/a	MP					
17	Activator 90		L	0.25	% v/v	MP					
17	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
18	Halex GT	4.39	L	3.6	pt/a	MP	2	100	100	100	100
18	Atrazine	4	L	1	pt/a	MP					
18	Activator 90		L	0.25	% v/v	MP					
18	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
19	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	3	91	81	100	66
19	Yukon	67.5	WG	4	oz/a	LP					
19	Roundup PowerMAX	4.5	L	22	fl oz/a	LP					
19	Activator 90		L	0.125	% v/v	LP					
19	Ammonium Sulfate	100	DF	17	lb/100 gal	LP					
20	Parallel Plus	5.5	L	2.3	qt/a	PRE	0	100	100	100	98
20	Buccaneer Plus	3	L	1	qt/a	MP					
20	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
21	Prowl H2O	3.8	L	2.6	pt/a	MP	1	100	100	100	100
21	Status	56	DF	2.5	oz/a	MP					
21	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
21	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
22	Weed Free						0	100	100	100	99
23	Lumax	3.94	SE	2	qt/a	PRE	0	99	100	100	100
23	Touchdown Total	4.17	L	24	fl oz/a	MP					
23	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
24	SureStart	4.16	EW	1.75	pt/a	PRE	0	97	91	100	95
24	Durango DMA	4	L	24	fl oz/a	EP					
24	Ammonium Sulfate	100	DF	2	% w/w	EP					
25	Lumax	3.94	SE	2.5	qt/a	PRE	0	84	100	100	99
25	Atrazine	4	L	1	qt/a	PRE					

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Rating Data Type							injury				
Rating Unit							control				
Rating Date							percent				
Trt-Eval Interval							6/25/08				
							14 DAMP				
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	8	9	10	11	12
26	Outlook	6	L	10	fl oz/a	PRE	0	100	100	100	99
26	Status	56	DF	2.5	oz/a	MP					
26	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
26	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
27	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	3	88	87	100	92
27	Yukon	67.5	WG	4	oz/a	MP					
27	Herbimax		L	1	% v/v	MP					
28	Degree Xtra	4	L	2	qt/a	PRE	0	100	100	100	100
28	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
28	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
29	Prowl H2O	3.8	L	1	qt/a	EP	0	96	99	99	96
29	Laudis	3.5	SC	3	fl oz/a	EP					
29	MSO		L	1	% v/v	EP					
29	UAN 28%		L	1.5	qt/a	EP					
30	Resolve	25	DF	1	oz/a	PRE	0	100	100	100	99
30	Atrazine	4	L	0.75	qt/a	PRE					
30	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
30	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
31	Guardsman Max	5	L	2.5	pt/a	PRE	0	100	100	100	99
31	Status	56	DF	2.5	oz/a	MP					
31	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
31	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
32	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	100	100	100	100
32	Yukon	67.5	WG	4	oz/a	MP					
32	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
32	Activator 90		L	0.125	% v/v	MP					
32	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
33	Steadfast	75	WG	0.75	oz/a	MP	4	92	97	100	100
33	Atrazine	4	L	1	qt/a	MP					
33	Status	56	DF	2.5	oz/a	MP					
33	Herbimax		L	1	% v/v	MP					
33	Ammonium Sulfate	100	DF	2	lb/100 gal	MP					
LSD (P=.05)							1.2	3.8	3.5	0.6	2.5
Standard Deviation							1.0	3.3	3.0	0.5	2.2
CV							213.87	3.53	3.21	0.56	2.3

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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	7/10/08	7/10/08	7/10/08	7/10/08
Trt-Eval Interval							14 DAMP	29 DAMP	29 DAMP	29 DAMP	29 DAMP
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	13	14	15	16	17
1	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	100	0	98	100	100
1	Impact	2.8	SC	0.5	fl oz/a	MP					
1	Atrazine	4	L	0.5	qt/a	MP					
1	MSO		L	1	% v/v	MP					
1	UAN 28%		L	2.5	% v/v	MP					
2	Laudis	3.5	SC	3	fl oz/a	EP	97	0	76	83	96
2	MSO		L	1	% v/v	EP					
2	UAN 28%		L	1.5	qt/a	EP					
3	Parallel	7.8	EC	2	pt/a	PRE	100	0	97	96	100
3	Buccaneer Plus	3	L	1	qt/a	MP					
3	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
4	Liberty	1.67	L	1	qt/a	MP	100	0	95	100	100
4	Atrazine	4	L	1	pt/a	MP					
4	Ammonium Sulfate	100	DF	3	lb/100 gal	MP					
5	Resolve	25	DF	0.229	oz ai/a	EP	99	0	92	92	98
5	Harmony GT 50 SG	50	SG	0.05	oz ai/a	EP					
5	Isoxadifen-Ethyl	50	DF	0.115	oz ai/a	EP					
5	Atrazine	4	L	0.75	qt/a	EP					
5	Roundup PowerMAX	4.5	L	22	fl oz/a	EP					
5	Ammonium Sulfate	100	DF	17	lb/100 gal	EP					
6	Roundup PowerMAX	4.5	L	22	fl oz/a	MP	100	0	97	99	100
6	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
6	Roundup PowerMAX	4.5	L	22	fl oz/a	LP					
6	Ammonium Sulfate	100	DF	17	lb/100 gal	LP					
7	SureStart	4.16	EW	1.75	pt/a	EP	99	0	96	88	100
7	Durango DMA	4	L	24	fl oz/a	EP					
7	Ammonium Sulfate	100	DF	2	% w/w	EP					
8	Non-Treated						0	0	0	0	0
9	Breakfree ATZ	5.25	L	2.6	qt/a	PRE	77	0	95	92	100
9	Resolve	25	DF	1	oz/a	PRE					
10	Parallel Plus	5.5	L	1.5	qt/a	PRE	99	0	97	95	100
10	Buccaneer Plus	3	L	1	qt/a	MP					
10	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
11	Degree Xtra	4	L	2	qt/a	EP	98	0	96	92	100
11	Roundup PowerMAX	4.5	L	22	fl oz/a	EP					
11	Ammonium Sulfate	100	DF	17	lb/100 gal	EP					
12	Bicep II Magnum	5.5	L	1.6	qt/a	PRE	100	0	96	96	100
12	Touchdown Total	4.17	L	24	fl oz/a	MP					
12	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
13	Parallel	7.8	EC	1.5	pt/a	PRE	100	0	97	97	100
13	Buccaneer Plus	3	L	1	qt/a	MP					
13	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

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	7/10/08	7/10/08	7/10/08	7/10/08
Trt-Eval Interval							14 DAMP	29 DAMP	29 DAMP	29 DAMP	29 DAMP
Trt	Treatment	Form	Form	Rate	Grow						
No.	Name	Conc	Type	Unit	Stg		13	14	15	16	17
14	Laudis	3.5	SC	3	fl oz/a	EP	99	0	85	94	99
14	Atrazine	4	L	1	qt/a	EP					
14	MSO		L	1	% v/v	EP					
14	UAN 28%		L	1.5	qt/a	EP					
15	Harness Xtra 5.6	5.6	L	1.5	qt/a	PRE	99	0	96	95	100
15	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
15	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
16	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	100	0	97	100	100
16	Impact	2.8	SC	0.5	fl oz/a	MP					
16	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
16	Atrazine	4	L	0.5	qt/a	MP					
16	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP					
17	Guardsman Max	5	L	4	pt/a	PRE	87	0	89	100	100
17	Status	56	DF	5	oz/a	MP					
17	Activator 90		L	0.25	% v/v	MP					
17	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
18	Halex GT	4.39	L	3.6	pt/a	MP	100	0	98	100	100
18	Atrazine	4	L	1	pt/a	MP					
18	Activator 90		L	0.25	% v/v	MP					
18	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
19	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	92	0	97	100	100
19	Yukon	67.5	WG	4	oz/a	LP					
19	Roundup PowerMAX	4.5	L	22	fl oz/a	LP					
19	Activator 90		L	0.125	% v/v	LP					
19	Ammonium Sulfate	100	DF	17	lb/100 gal	LP					
20	Parallel Plus	5.5	L	2.3	qt/a	PRE	99	0	97	97	100
20	Buccaneer Plus	3	L	1	qt/a	MP					
20	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
21	Prowl H2O	3.8	L	2.6	pt/a	MP	100	0	98	100	100
21	Status	56	DF	2.5	oz/a	MP					
21	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
21	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
22	Weed Free						100	0	100	100	100
23	Lumax	3.94	SE	2	qt/a	PRE	100	0	98	99	100
23	Touchdown Total	4.17	L	24	fl oz/a	MP					
23	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
24	SureStart	4.16	EW	1.75	pt/a	PRE	92	0	92	83	99
24	Durango DMA	4	L	24	fl oz/a	EP					
24	Ammonium Sulfate	100	DF	2	% w/w	EP					
25	Lumax	3.94	SE	2.5	qt/a	PRE	99	0	76	93	100
25	Atrazine	4	L	1	qt/a	PRE					

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

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	7/10/08	7/10/08	7/10/08	7/10/08
Trt-Eval Interval							14 DAMP	29 DAMP	29 DAMP	29 DAMP	29 DAMP
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	13	14	15	16	17
26	Outlook	6	L	10	fl oz/a	PRE	99	0	97	99	100
26	Status	56	DF	2.5	oz/a	MP					
26	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
26	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
27	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	89	0	83	100	100
27	Yukon	67.5	WG	4	oz/a	MP					
27	Herbimax		L	1	% v/v	MP					
28	Degree Xtra	4	L	2	qt/a	PRE	99	0	97	99	100
28	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
28	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
29	Prowl H2O	3.8	L	1	qt/a	EP	97	0	88	93	99
29	Laudis	3.5	SC	3	fl oz/a	EP					
29	MSO		L	1	% v/v	EP					
29	UAN 28%		L	1.5	qt/a	EP					
30	Resolve	25	DF	1	oz/a	PRE	99	0	95	99	99
30	Atrazine	4	L	0.75	qt/a	PRE					
30	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
30	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
31	Guardsman Max	5	L	2.5	pt/a	PRE	99	0	96	95	99
31	Status	56	DF	2.5	oz/a	MP					
31	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
31	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
32	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	0	96	99	100
32	Yukon	67.5	WG	4	oz/a	MP					
32	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
32	Activator 90		L	0.125	% v/v	MP					
32	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
33	Steadfast	75	WG	0.75	oz/a	MP	100	0	97	100	100
33	Atrazine	4	L	1	qt/a	MP					
33	Status	56	DF	2.5	oz/a	MP					
33	Herbimax		L	1	% v/v	MP					
33	Ammonium Sulfate	100	DF	2	lb/100 gal	MP					
LSD (P=.05)							2.8	0.0	4.8	5.2	1.8
Standard Deviation							2.5	0.0	4.2	4.5	1.5
CV							2.61	0.0	4.58	4.84	1.6

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

							ambel	abuth	anгр	cheal	amare
							control	control	control	control	control
							percent	percent	percent	percent	percent
							7/10/08	7/10/08	8/6/08	8/6/08	8/6/08
							29 DAMP	29 DAMP	56 DAMP	56 DAMP	56 DAMP
Trt	Treatment	Form	Form	Rate	Grow	Stg	18	19	20	21	22
No.	Name	Conc	Type	Rate	Unit						
1	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	93	99	97	100	100
1	Impact	2.8	SC	0.5	fl oz/a	MP					
1	Atrazine	4	L	0.5	qt/a	MP					
1	MSO		L	1	% v/v	MP					
1	UAN 28%		L	2.5	% v/v	MP					
2	Laudis	3.5	SC	3	fl oz/a	EP	86	95	74	87	98
2	MSO		L	1	% v/v	EP					
2	UAN 28%		L	1.5	qt/a	EP					
3	Parallel	7.8	EC	2	pt/a	PRE	92	100	98	97	100
3	Buccaneer Plus	3	L	1	qt/a	MP					
3	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
4	Liberty	1.67	L	1	qt/a	MP	100	100	94	100	100
4	Atrazine	4	L	1	pt/a	MP					
4	Ammonium Sulfate	100	DF	3	lb/100 gal	MP					
5	Resolve	25	DF	0.229	oz ai/a	EP	93	95	90	94	100
5	Harmony GT 50 SG	50	SG	0.05	oz ai/a	EP					
5	Isoxadifen-Ethyl	50	DF	0.115	oz ai/a	EP					
5	Atrazine	4	L	0.75	qt/a	EP					
5	Roundup PowerMAX	4.5	L	22	fl oz/a	EP					
5	Ammonium Sulfate	100	DF	17	lb/100 gal	EP					
6	Roundup PowerMAX	4.5	L	22	fl oz/a	MP	100	100	98	100	100
6	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
6	Roundup PowerMAX	4.5	L	22	fl oz/a	LP					
6	Ammonium Sulfate	100	DF	17	lb/100 gal	LP					
7	SureStart	4.16	EW	1.75	pt/a	EP	86	93	90	90	100
7	Durango DMA	4	L	24	fl oz/a	EP					
7	Ammonium Sulfate	100	DF	2	% w/w	EP					
8	Non-Treated						0	0	0	0	0
9	Breakfree ATZ	5.25	L	2.6	qt/a	PRE	83	70	93	91	100
9	Resolve	25	DF	1	oz/a	PRE					
10	Parallel Plus	5.5	L	1.5	qt/a	PRE	91	95	97	96	100
10	Buccaneer Plus	3	L	1	qt/a	MP					
10	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
11	Degree Xtra	4	L	2	qt/a	EP	87	91	95	93	100
11	Roundup PowerMAX	4.5	L	22	fl oz/a	EP					
11	Ammonium Sulfate	100	DF	17	lb/100 gal	EP					
12	Bicep II Magnum	5.5	L	1.6	qt/a	PRE	91	98	97	98	100
12	Touchdown Total	4.17	L	24	fl oz/a	MP					
12	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
13	Parallel	7.8	EC	1.5	pt/a	PRE	93	98	98	98	100
13	Buccaneer Plus	3	L	1	qt/a	MP					
13	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Weed Code							ambel	abuth	anгр	cheal	amare
Crop Code											
Rating Data Type							control	control	control	control	control
Rating Unit							percent	percent	percent	percent	percent
Rating Date							7/10/08	7/10/08	8/6/08	8/6/08	8/6/08
Trt-Eval Interval							29 DAMP	29 DAMP	56 DAMP	56 DAMP	56 DAMP
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	18	19	20	21	22
14	Laudis	3.5	SC	3	fl oz/a	EP	96	98	79	95	100
14	Atrazine	4	L	1	qt/a	EP					
14	MSO		L	1	% v/v	EP					
14	UAN 28%		L	1.5	qt/a	EP					
15	Harness Xtra 5.6	5.6	L	1.5	qt/a	PRE	92	97	94	95	100
15	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
15	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
16	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	99	100	97	100	100
16	Impact	2.8	SC	0.5	fl oz/a	MP					
16	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
16	Atrazine	4	L	0.5	qt/a	MP					
16	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP					
17	Guardsman Max	5	L	4	pt/a	PRE	100	97	89	99	100
17	Status	56	DF	5	oz/a	MP					
17	Activator 90		L	0.25	% v/v	MP					
17	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
18	Halex GT	4.39	L	3.6	pt/a	MP	100	100	97	100	100
18	Atrazine	4	L	1	pt/a	MP					
18	Activator 90		L	0.25	% v/v	MP					
18	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
19	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	97	100	100
19	Yukon	67.5	WG	4	oz/a	LP					
19	Roundup PowerMAX	4.5	L	22	fl oz/a	LP					
19	Activator 90		L	0.125	% v/v	LP					
19	Ammonium Sulfate	100	DF	17	lb/100 gal	LP					
20	Parallel Plus	5.5	L	2.3	qt/a	PRE	90	98	97	94	100
20	Buccaneer Plus	3	L	1	qt/a	MP					
20	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
21	Prowl H2O	3.8	L	2.6	pt/a	MP	99	100	98	100	100
21	Status	56	DF	2.5	oz/a	MP					
21	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
21	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
22	Weed Free						100	100	100	100	100
23	Lumax	3.94	SE	2	qt/a	PRE	98	100	98	100	100
23	Touchdown Total	4.17	L	24	fl oz/a	MP					
23	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
24	SureStart	4.16	EW	1.75	pt/a	PRE	83	92	91	83	100
24	Durango DMA	4	L	24	fl oz/a	EP					
24	Ammonium Sulfate	100	DF	2	% w/w	EP					
25	Lumax	3.94	SE	2.5	qt/a	PRE	96	100	74	95	100
25	Atrazine	4	L	1	qt/a	PRE					

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Weed Code		ambel	abuth	angr	cheal	amare
Crop Code						
Rating Data Type		control	control	control	control	control
Rating Unit		percent	percent	percent	percent	percent
Rating Date		7/10/08	7/10/08	8/6/08	8/6/08	8/6/08
Trt-Eval Interval		29 DAMP	29 DAMP	56 DAMP	56 DAMP	56 DAMP

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	18	19	20	21	22
26	Outlook	6	L	10	fl oz/a	PRE	97	100	97	99	100
26	Status	56	DF	2.5	oz/a	MP					
26	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
26	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
27	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	100	99	79	100	100
27	Yukon	67.5	WG	4	oz/a	MP					
27	Herbimax		L	1	% v/v	MP					
28	Degree Xtra	4	L	2	qt/a	PRE	95	99	97	99	99
28	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
28	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
29	Prowl H2O	3.8	L	1	qt/a	EP	89	95	88	94	100
29	Laudis	3.5	SC	3	fl oz/a	EP					
29	MSO		L	1	% v/v	EP					
29	UAN 28%		L	1.5	qt/a	EP					
30	Resolve	25	DF	1	oz/a	PRE	96	98	92	99	98
30	Atrazine	4	L	0.75	qt/a	PRE					
30	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
30	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
31	Guardsman Max	5	L	2.5	pt/a	PRE	96	96	96	96	100
31	Status	56	DF	2.5	oz/a	MP					
31	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
31	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
32	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	93	99	100
32	Yukon	67.5	WG	4	oz/a	MP					
32	Roundup PowerMAX	4.5	L	22	fl oz/a	MP					
32	Activator 90		L	0.125	% v/v	MP					
32	Ammonium Sulfate	100	DF	17	lb/100 gal	MP					
33	Steadfast	75	WG	0.75	oz/a	MP	100	99	94	100	100
33	Atrazine	4	L	1	qt/a	MP					
33	Status	56	DF	2.5	oz/a	MP					
33	Herbimax		L	1	% v/v	MP					
33	Ammonium Sulfate	100	DF	2	lb/100 gal	MP					

LSD (P=.05)	4.4	4.2	5.3	4.7	1.1
Standard Deviation	3.9	3.7	4.7	4.1	0.9
CV	4.21	3.93	5.2	4.36	0.95

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 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	10/18/08
Trt-Eval Interval							56 DAMP	56 DAMP	HARVEST
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	23	24	25
1	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	96	100	196
1	Impact	2.8	SC	0.5	fl oz/a	MP			
1	Atrazine	4	L	0.5	qt/a	MP			
1	MSO		L	1	% v/v	MP			
1	UAN 28%		L	2.5	% v/v	MP			
2	Laudis	3.5	SC	3	fl oz/a	EP	92	97	210
2	MSO		L	1	% v/v	EP			
2	UAN 28%		L	1.5	qt/a	EP			
3	Parallel	7.8	EC	2	pt/a	PRE	91	100	215
3	Buccaneer Plus	3	L	1	qt/a	MP			
3	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
4	Liberty	1.67	L	1	qt/a	MP	100	100	207
4	Atrazine	4	L	1	pt/a	MP			
4	Ammonium Sulfate	100	DF	3	lb/100 gal	MP			
5	Resolve	25	DF	0.229	oz ai/a	EP	91	97	209
5	Harmony GT 50 SG	50	SG	0.05	oz ai/a	EP			
5	Isoxadifen-Ethyl	50	DF	0.115	oz ai/a	EP			
5	Atrazine	4	L	0.75	qt/a	EP			
5	Roundup PowerMAX	4.5	L	22	fl oz/a	EP			
5	Ammonium Sulfate	100	DF	17	lb/100 gal	EP			
6	Roundup PowerMAX	4.5	L	22	fl oz/a	MP	100	100	228
6	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
6	Roundup PowerMAX	4.5	L	22	fl oz/a	LP			
6	Ammonium Sulfate	100	DF	17	lb/100 gal	LP			
7	SureStart	4.16	EW	1.75	pt/a	EP	88	96	217
7	Durango DMA	4	L	24	fl oz/a	EP			
7	Ammonium Sulfate	100	DF	2	% w/w	EP			
8	Non-Treated						0	0	54
9	Breakfree ATZ	5.25	L	2.6	qt/a	PRE	83	71	194
9	Resolve	25	DF	1	oz/a	PRE			
10	Parallel Plus	5.5	L	1.5	qt/a	PRE	90	97	218
10	Buccaneer Plus	3	L	1	qt/a	MP			
10	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
11	Degree Xtra	4	L	2	qt/a	EP	83	87	210
11	Roundup PowerMAX	4.5	L	22	fl oz/a	EP			
11	Ammonium Sulfate	100	DF	17	lb/100 gal	EP			
12	Bicep II Magnum	5.5	L	1.6	qt/a	PRE	91	100	213
12	Touchdown Total	4.17	L	24	fl oz/a	MP			
12	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
13	Parallel	7.8	EC	1.5	pt/a	PRE	90	100	206
13	Buccaneer Plus	3	L	1	qt/a	MP			
13	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

							ambel	abuth	
									ZEAMX
							control	control	yield
							percent	percent	bu/ac
							8/6/08	8/6/08	10/18/08
							56 DAMP	56 DAMP	HARVEST
Trt	Treatment	Form	Form	Rate	Grow	Stg	23	24	25
No.	Name	Conc	Type	Unit					
14	Laudis	3.5	SC	3	fl oz/a	EP	98	99	212
14	Atrazine	4	L	1	qt/a	EP			
14	MSO		L	1	% v/v	EP			
14	UAN 28%		L	1.5	qt/a	EP			
15	Harness Xtra 5.6	5.6	L	1.5	qt/a	PRE	89	95	215
15	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
15	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
16	Bicep Lite II Magnum	6	L	1.5	pt/a	PRE	98	100	214
16	Impact	2.8	SC	0.5	fl oz/a	MP			
16	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
16	Atrazine	4	L	0.5	qt/a	MP			
16	Ammonium Sulfate	100	DF	8.5	lb/100 gal	MP			
17	Guardsman Max	5	L	4	pt/a	PRE	100	98	213
17	Status	56	DF	5	oz/a	MP			
17	Activator 90		L	0.25	% v/v	MP			
17	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
18	Halex GT	4.39	L	3.6	pt/a	MP	100	100	194
18	Atrazine	4	L	1	pt/a	MP			
18	Activator 90		L	0.25	% v/v	MP			
18	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
19	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	221
19	Yukon	67.5	WG	4	oz/a	LP			
19	Roundup PowerMAX	4.5	L	22	fl oz/a	LP			
19	Activator 90		L	0.125	% v/v	LP			
19	Ammonium Sulfate	100	DF	17	lb/100 gal	LP			
20	Parallel Plus	5.5	L	2.3	qt/a	PRE	88	94	225
20	Buccaneer Plus	3	L	1	qt/a	MP			
20	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
21	Prowl H2O	3.8	L	2.6	pt/a	MP	99	100	210
21	Status	56	DF	2.5	oz/a	MP			
21	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
21	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
22	Weed Free						100	100	221
23	Lumax	3.94	SE	2	qt/a	PRE	96	100	218
23	Touchdown Total	4.17	L	24	fl oz/a	MP			
23	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
24	SureStart	4.16	EW	1.75	pt/a	PRE	74	92	219
24	Durango DMA	4	L	24	fl oz/a	EP			
24	Ammonium Sulfate	100	DF	2	% w/w	EP			
25	Lumax	3.94	SE	2.5	qt/a	PRE	99	100	204
25	Atrazine	4	L	1	qt/a	PRE			

MSU Weed Science Research Program

WEED CONTROL PROGRAMS COMPARISON, 2008

Trial ID: C0408
 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	10/18/08
Trt-Eval Interval							56 DAMP	56 DAMP	HARVEST

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	23	24	25
26	Outlook	6	L	10	fl oz/a	PRE	98	100	219
26	Status	56	DF	2.5	oz/a	MP			
26	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
26	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
27	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	100	100	214
27	Yukon	67.5	WG	4	oz/a	MP			
27	Herbimax		L	1	% v/v	MP			
28	Degree Xtra	4	L	2	qt/a	PRE	95	98	220
28	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
28	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
29	Prowl H2O	3.8	L	1	qt/a	EP	86	97	201
29	Laudis	3.5	SC	3	fl oz/a	EP			
29	MSO		L	1	% v/v	EP			
29	UAN 28%		L	1.5	qt/a	EP			
30	Resolve	25	DF	1	oz/a	PRE	91	97	212
30	Atrazine	4	L	0.75	qt/a	PRE			
30	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
30	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
31	Guardsman Max	5	L	2.5	pt/a	PRE	98	97	217
31	Status	56	DF	2.5	oz/a	MP			
31	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
31	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
32	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	98	99	217
32	Yukon	67.5	WG	4	oz/a	MP			
32	Roundup PowerMAX	4.5	L	22	fl oz/a	MP			
32	Activator 90		L	0.125	% v/v	MP			
32	Ammonium Sulfate	100	DF	17	lb/100 gal	MP			
33	Steadfast	75	WG	0.75	oz/a	MP	100	100	205
33	Atrazine	4	L	1	qt/a	MP			
33	Status	56	DF	2.5	oz/a	MP			
33	Herbimax		L	1	% v/v	MP			
33	Ammonium Sulfate	100	DF	2	lb/100 gal	MP			

LSD (P=.05)	5.7	5.1	19.2
Standard Deviation	5.0	4.4	16.8
CV	5.52	4.72	8.08