

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH POST APPLICATION OF SULFONYLUREA HERBICIDES, 2008

Trial ID: C1408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Date Planted: 4/30/08 **Row Spacing:** 30 IN
Variety: DKC 46-60 **No. of Reps:** 4
Population: 30,000 S/A **% OM:** 2.7
Soil Type: Clay Loam **pH:** 6.4
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.	DATST	JIMSONWEED	DATURA STRAMONIUM L.
4.	AMBEL	RAGWEED, 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	12" ZE	20" ZE
Date Treated:	4/30/08	6/11/08	6/19/08
Time Treated:	4:15 PM	3:45 PM	10:50 AM
% Cloud Cover:	10	45	100
Air Temp., Unit:	56 F	93 F	60 F
% Relative Humidity:	30	43	60
Wind Speed/Unit/Dir:	5 mph SW	3 mph SW	7 mph W
Soil Temp., Unit:	60 F	81 F	60 F
Soil/Leaf Surface M:	0 0	5 5	4 4
Soil Moist (1=w 5=d):	4	3	5

Crop Stage at Each Application

	A	B	C
Crop Name:	ZEAMX	ZEAMX	ZEAMX
Height (In.):		11-13(12)	19-24(22)
Stage (L):		V3-6(6)8L	V6-7 10L

Weed Stage at Each Application

	A	B	C
Weed 1 Name:	ANGR	ANGR	ANGR
Height (In.):		.5-10(6)	2-11(7)
Stage (L):		2-7(8)	3-6(6)
Weed 2 Name:	CHEAL	CHEAL	CHEAL
Height (In.):		.5-8(5)	(4)
Stage (L):		2-14(8)	(8)
Weed 3 Name:	DATST	DATST	DATST
Height (In.):		.5-4(4)	(5)
Stage (L):		2-8(8)	(5)
Weed 4 Name:	AMBEL	AMBEL	AMBEL
Height (In.):		.5-6(3)	3-6(5)
Stage (L):		2-7(5)	2-12(10)
Weed 5 Name:	ABUTH	ABUTH	ABUTH
Height (In.):		.5-6(4)	3-7(5)
Stage (L):		2-5(4)	2-7(5)

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	H2O	30
B	CUB	3.5	FF	8003	27"	20"	100"	20	H2O	30
C	CUB	3.5	FF	8003	30"	20"	100"	20	H2O	30

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Weed Code							an	che	dat	amb	abu	
Crop Code							ZEAMX					
Rating Data Type							injury	control	control	control	control	control
Rating Unit							percent	percent	percent	percent	percent	percent
Rating Date							6/11/08	6/11/08	6/11/08	6/11/08	6/11/08	6/11/08
Trt-Eval Interval							0 DA-B	0 DA-B	0 DA-B	0 DA-B	0 DA-B	0 DA-B
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6
1	Dual II Magnum	7.64	L	0.66	pt/a	PRE	0	81	63	95	49	48
1	Permit	75	DF	0.66	oz/a	12"ZE						
1	Unity WDG	75	DG	0.083	oz/a	12"ZE						
1	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
1	Activator 90		L	0.125	% v/v	12"ZE						
1	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
2	Dual II Magnum	7.64	L	0.66	pt/a	PRE	0	85	30	96	38	33
2	Permit	75	DF	0.66	oz/a	12"ZE						
2	Unity WDG	75	DG	0.083	oz/a	12"ZE						
2	Herbimax		L	1	% v/v	12"ZE						
2	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
3	Dual II Magnum	7.64	L	0.66	pt/a	PRE	0	86	25	96	35	35
3	Permit	75	DF	0.66	oz/a	12"ZE						
3	Callisto	4	SC	2	fl oz/a	12"ZE						
3	Herbimax		L	1	% v/v	12"ZE						
3	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
4	Dual II Magnum	7.64	L	0.66	pt/a	PRE	0	83	38	89	35	35
4	Permit	75	DF	0.66	oz/a	12"ZE						
4	Laudis	3.5	SC	2	fl oz/a	12"ZE						
4	Herbimax		L	1	% v/v	12"ZE						
4	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
5	Dual II Magnum	7.64	L	0.66	pt/a	PRE	0	83	45	90	44	45
5	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
5	Activator 90		L	0.125	% v/v	12"ZE						
5	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
6	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	0	93	100	100	88	86
6	Yukon	67.5	WG	4	oz/a	12"ZE						
6	Activator 90		L	0.25	% v/v	12"ZE						
6	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
7	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	84	100	100	70	65
7	Yukon	67.5	WG	4	oz/a	12"ZE						
7	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
7	Activator 90		L	0.125	% v/v	12"ZE						
7	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
8	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	89	97	100	72	66
8	Permit	75	DF	0.66	oz/a	12"ZE						
8	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
8	Activator 90		L	0.125	% v/v	12"ZE						
8	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
9	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	87	98	100	76	69
9	Status	56	DF	5	oz/a	12"ZE						
9	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
9	Activator 90		L	0.125	% v/v	12"ZE						
9	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						

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Weed Code		anгр	cheal	datsr	ambel	abuth
Crop Code		ZEAMX				
Rating Data Type		injury	control	control	control	control
Rating Unit		percent	percent	percent	percent	percent
Rating Date		6/11/08	6/11/08	6/11/08	6/11/08	6/11/08
Trt-Eval Interval		0 DA-B	0 DA-B	0 DA-B	0 DA-B	0 DA-B

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6
10	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	91	98	100	73	65
10	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
10	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
11	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	85	100	100	66	55
11	Yukon	67.5	WG	4	oz/a	20"ZE						
11	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE						
11	Activator 90		L	0.125	% v/v	20"ZE						
11	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE						
12	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	72	98	100	58	50
12	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE						
12	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE						
13	Non-Treated						0	0	0	0	0	0
LSD (P=.05)							0.0	8.9	15.4	8.0	12.2	12.4
Standard Deviation							0.0	6.2	10.8	5.6	8.6	8.7
CV							0.0	7.93	15.78	6.24	15.86	17.3

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Weed Code							an	che	amb	abuth			
Crop Code							Z						Z
Rating Data Type							injury	control	control	control	control	injury	
Rating Unit							percent	percent	percent	percent	percent	percent	
Rating Date							6/19/08	6/19/08	6/19/08	6/19/08	6/19/08	7/2/08	
Trt-Eval Interval							0 DA-C	0 DA-C	0 DA-C	0 DA-C	0 DA-C	13 DA-C	
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	7	8	9	10	11	12	
1	Dual II Magnum	7.64	L	0.66	pt/a	PRE	16	100	100	99	100	4	
1	Permit	75	DF	0.66	oz/a	12"ZE							
1	Unity WDG	75	DG	0.083	oz/a	12"ZE							
1	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
1	Activator 90		L	0.125	% v/v	12"ZE							
1	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
2	Dual II Magnum	7.64	L	0.66	pt/a	PRE	18	79	45	43	45	5	
2	Permit	75	DF	0.66	oz/a	12"ZE							
2	Unity WDG	75	DG	0.083	oz/a	12"ZE							
2	Herbimax		L	1	% v/v	12"ZE							
2	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
3	Dual II Magnum	7.64	L	0.66	pt/a	PRE	9	69	23	43	43	4	
3	Permit	75	DF	0.66	oz/a	12"ZE							
3	Callisto	4	SC	2	fl oz/a	12"ZE							
3	Herbimax		L	1	% v/v	12"ZE							
3	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
4	Dual II Magnum	7.64	L	0.66	pt/a	PRE	16	88	30	38	58	5	
4	Permit	75	DF	0.66	oz/a	12"ZE							
4	Laudis	3.5	SC	2	fl oz/a	12"ZE							
4	Herbimax		L	1	% v/v	12"ZE							
4	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
5	Dual II Magnum	7.64	L	0.66	pt/a	PRE	0	100	100	99	100	3	
5	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
5	Activator 90		L	0.125	% v/v	12"ZE							
5	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
6	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	14	94	100	99	99	1	
6	Yukon	67.5	WG	4	oz/a	12"ZE							
6	Activator 90		L	0.25	% v/v	12"ZE							
6	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
7	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	4	100	100	99	100	0	
7	Yukon	67.5	WG	4	oz/a	12"ZE							
7	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
7	Activator 90		L	0.125	% v/v	12"ZE							
7	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
8	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	9	100	100	100	100	1	
8	Permit	75	DF	0.66	oz/a	12"ZE							
8	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
8	Activator 90		L	0.125	% v/v	12"ZE							
8	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
9	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	3	100	100	99	100	1	
9	Status	56	DF	5	oz/a	12"ZE							
9	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
9	Activator 90		L	0.125	% v/v	12"ZE							
9	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							

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Crop Code							ZEAMX				ZEAMX
Rating Data Type							injury	control	control	control	injury
Rating Unit							percent	percent	percent	percent	percent
Rating Date							6/19/08	6/19/08	6/19/08	6/19/08	7/2/08
Trt-Eval Interval							0 DA-C	0 DA-C	0 DA-C	0 DA-C	13 DA-C

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	7	8	9	10	11	12
10	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	3	100	100	99	100	1
10	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
10	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
11	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	1	75	100	45	45	1
11	Yukon	67.5	WG	4	oz/a	20"ZE						
11	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE						
11	Activator 90		L	0.125	% v/v	20"ZE						
11	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE						
12	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	0	51	96	45	48	0
12	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE						
12	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE						
13	Non-Treated						0	0	0	0	0	0
LSD (P=.05)							5.2	11.1	13.8	10.3	13.4	2.9
Standard Deviation							3.7	7.8	9.7	7.2	9.4	2.0
CV							52.32	9.62	12.64	10.36	13.03	100.01

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Weed Code							anгр	cheal	amare	ambel	abuth	anгр	
Crop Code													
Rating Data Type							control	control	control	control	control	control	
Rating Unit							percent	percent	percent	percent	percent	percent	
Rating Date							7/2/08	7/2/08	7/2/08	7/2/08	7/2/08	8/6/08	
Trt-Eval Interval							13 DA-C	13 DA-C	13 DA-C	13 DA-C	13 DA-C	48 DA-C	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit	Grow Stg	13	14	15	16	17	18	
1	Dual II Magnum	7.64	L	0.66	pt/a	PRE	99	100	100	99	99	95	
1	Permit	75	DF	0.66	oz/a	12"ZE							
1	Unity WDG	75	DG	0.083	oz/a	12"ZE							
1	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
1	Activator 90		L	0.125	% v/v	12"ZE							
1	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
2	Dual II Magnum	7.64	L	0.66	pt/a	PRE	69	83	100	74	89	23	
2	Permit	75	DF	0.66	oz/a	12"ZE							
2	Unity WDG	75	DG	0.083	oz/a	12"ZE							
2	Herbimax		L	1	% v/v	12"ZE							
2	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
3	Dual II Magnum	7.64	L	0.66	pt/a	PRE	68	96	100	81	94	25	
3	Permit	75	DF	0.66	oz/a	12"ZE							
3	Callisto	4	SC	2	fl oz/a	12"ZE							
3	Herbimax		L	1	% v/v	12"ZE							
3	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
4	Dual II Magnum	7.64	L	0.66	pt/a	PRE	76	96	100	100	100	48	
4	Permit	75	DF	0.66	oz/a	12"ZE							
4	Laudis	3.5	SC	2	fl oz/a	12"ZE							
4	Herbimax		L	1	% v/v	12"ZE							
4	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
5	Dual II Magnum	7.64	L	0.66	pt/a	PRE	99	100	100	88	100	97	
5	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
5	Activator 90		L	0.125	% v/v	12"ZE							
5	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
6	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	93	100	100	100	100	85	
6	Yukon	67.5	WG	4	oz/a	12"ZE							
6	Activator 90		L	0.25	% v/v	12"ZE							
6	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
7	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	100	100	92	
7	Yukon	67.5	WG	4	oz/a	12"ZE							
7	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
7	Activator 90		L	0.125	% v/v	12"ZE							
7	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
8	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	99	100	100	100	100	94	
8	Permit	75	DF	0.66	oz/a	12"ZE							
8	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
8	Activator 90		L	0.125	% v/v	12"ZE							
8	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							
9	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	100	100	96	
9	Status	56	DF	5	oz/a	12"ZE							
9	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE							
9	Activator 90		L	0.125	% v/v	12"ZE							
9	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE							

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							anгр	cheal	amare	ambel	abuth	anгр
							control	control	control	control	control	control
							percent	percent	percent	percent	percent	percent
							7/2/08	7/2/08	7/2/08	7/2/08	7/2/08	8/6/08
							13 DA-C	13 DA-C	13 DA-C	13 DA-C	13 DA-C	48 DA-C
Trt	Treatment	Form	Form	Rate	Grow	Stg	13	14	15	16	17	18
No.	Name	Conc	Type	Unit								
10	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	96	100	95
10	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE						
10	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE						
11	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	95	95	100	96	84	97
11	Yukon	67.5	WG	4	oz/a	20"ZE						
11	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE						
11	Activator 90		L	0.125	% v/v	20"ZE						
11	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE						
12	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	95	100	100	98	91	98
12	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE						
12	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE						
13	Non-Treated						0	0	0	0	0	0
LSD (P=.05)							4.5	3.2	0.0	6.0	8.6	7.4
Standard Deviation							3.1	2.2	0.0	4.2	6.0	5.2
CV							3.73	2.47	0.0	4.81	6.79	7.19

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Weed Code							cheal	amare	ambel	abuth	
Crop Code											ZEAMX
Rating Data Type							control	control	control	control	yield
Rating Unit							percent	percent	percent	percent	bu/ac
Rating Date							8/6/08	8/6/08	8/6/08	8/6/08	10/18/08
Trt-Eval Interval							48 DA-C	48 DA-C	48 DA-C	48 DA-C	HARVEST
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Grow Stg	19	20	21	22	23
1	Dual II Magnum	7.64	L	0.66	pt/a	PRE	99	100	99	100	163
1	Permit	75	DF	0.66	oz/a	12"ZE					
1	Unity WDG	75	DG	0.083	oz/a	12"ZE					
1	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE					
1	Activator 90		L	0.125	% v/v	12"ZE					
1	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
2	Dual II Magnum	7.64	L	0.66	pt/a	PRE	100	98	75	100	147
2	Permit	75	DF	0.66	oz/a	12"ZE					
2	Unity WDG	75	DG	0.083	oz/a	12"ZE					
2	Herbimax		L	1	% v/v	12"ZE					
2	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
3	Dual II Magnum	7.64	L	0.66	pt/a	PRE	100	100	100	100	136
3	Permit	75	DF	0.66	oz/a	12"ZE					
3	Callisto	4	SC	2	fl oz/a	12"ZE					
3	Herbimax		L	1	% v/v	12"ZE					
3	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
4	Dual II Magnum	7.64	L	0.66	pt/a	PRE	100	100	100	100	151
4	Permit	75	DF	0.66	oz/a	12"ZE					
4	Laudis	3.5	SC	2	fl oz/a	12"ZE					
4	Herbimax		L	1	% v/v	12"ZE					
4	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
5	Dual II Magnum	7.64	L	0.66	pt/a	PRE	97	100	76	100	164
5	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE					
5	Activator 90		L	0.125	% v/v	12"ZE					
5	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
6	Harness Xtra 5.6	5.6	L	2	qt/a	PRE	100	100	100	98	154
6	Yukon	67.5	WG	4	oz/a	12"ZE					
6	Activator 90		L	0.25	% v/v	12"ZE					
6	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
7	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	98	165
7	Yukon	67.5	WG	4	oz/a	12"ZE					
7	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE					
7	Activator 90		L	0.125	% v/v	12"ZE					
7	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
8	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	100	164
8	Permit	75	DF	0.66	oz/a	12"ZE					
8	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE					
8	Activator 90		L	0.125	% v/v	12"ZE					
8	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
9	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	100	164
9	Status	56	DF	5	oz/a	12"ZE					
9	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE					
9	Activator 90		L	0.125	% v/v	12"ZE					
9	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					

MSU Weed Science Research Program

WEED CONTROL IN CORN WITH POST APPLICATION OF SULFONYLUREA HERBICIDES, 2008

Trial ID: C1408
 Conducted: CAMPUS

Study Dir.:
 Investigator: Wesley Everman

Weed Code	cheal	amare	ambel	abuth	
Crop Code					ZEAMX
Rating Data Type	control	control	control	control	yield
Rating Unit	percent	percent	percent	percent	bu/ac
Rating Date	8/6/08	8/6/08	8/6/08	8/6/08	10/18/08
Trt-Eval Interval	48 DA-C	48 DA-C	48 DA-C	48 DA-C	HARVEST

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	19	20	21	22	23
10	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	83	100	154
10	Roundup WeatherMax	4.5	L	22	fl oz/a	12"ZE					
10	Ammonium Sulfate	100	DF	17	lb/100 gal	12"ZE					
11	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	100	160
11	Yukon	67.5	WG	4	oz/a	20"ZE					
11	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE					
11	Activator 90		L	0.125	% v/v	20"ZE					
11	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE					
12	Harness Xtra 5.6	5.6	L	1	qt/a	PRE	100	100	100	99	176
12	Roundup WeatherMax	4.5	L	22	fl oz/a	20"ZE					
12	Ammonium Sulfate	100	DF	17	lb/100 gal	20"ZE					
13	Non-Treated						0	0	0	0	13
LSD (P=.05)							1.2	1.2	7.9	3.0	16.9
Standard Deviation							0.8	0.9	5.5	2.1	11.8
CV							0.91	0.93	6.33	2.32	8.05