

**Weed control programs with Anthem Maxx in corn**

Trial ID: C08-18\_Updated Study Dir.: Burns, Stiles, Powell, Craft  
 Conducted: Campus T-17 Investigator: Erin Burns

**Planting Date:** May-29-2018 **Row Spacing:** 30 IN  
**Variety:** DKC 48-56 SS **No. of Reps:** 4  
**Population:** 34600 seed/A **% OM:** 2.7  
**Soil Type:** LOAM **pH:** 5.8  
**Plot Size:** 10 X 35 FT **Study Design:** Randomized Complete Block (RCB)

**Tillage/Previous Crops:** Fall chisel plowed; spring soil finished twice  
**Fertilizer:** 300lbs/A urea incorporated  
 150lbs/A 19-19-19 starter

**Crop and Weed Description**

Weed	Code	Common Name	Scientific Name
1	ANGR	mainly foxtail species	Annual grass
2	CHEAL	lambsquarters, common	Chenopodium album
3	AMAPO	amaranth, Powell	Amaranthus powellii
4	AMBEL	ragweed, common	Ambrosia artemisiifolia
5	ABUTH	velvetleaf	Abutilon theophrasti
Crop	Code	Common Name	
1	ZEAMX	Corn	

**Application Description**

	A	B	C
<b>Application Timing:</b>	PRE	EPOS	POST
<b>Date Treated:</b>	Jun-1-2018	Jun-15-2018	Jun-25-2018
<b>Time Treated:</b>	4:40 PM	9:10 AM	10:00 AM
<b>% Cloud Cover:</b>	70	10	60
<b>Air Temp., Unit:</b>	83 F	77 F	68.5 F
<b>% Relative Humidity:</b>	51	56	70
<b>Wind Speed/Unit/Dir:</b>	2.6 MPH NE	5.1 MPH E	5 MPH E
<b>Soil Temp, Unit:</b>	74 F	68 F	68 F
<b>Leaf Moist/Dew Presence (Y/N):</b>	4	4	3
<b>Soil Moist:</b>	4	4	3

**Crop Stage at Each Application**

	A	B	C
<b>Crop 1 Name:</b>	ZEAMX	ZEAMX	ZEAMX
<b>Height:</b>			
<b>Stage:</b>		V2	V4

**Weed Stage at Each Application**

	A	B	C
<b>Weed 1 Name:</b>	ANGR	ANGR	ANGR
<b>Height:</b>		2 IN	4 IN
<b>Stage:</b>		5 L	6 L
<b>Weed 2 Name:</b>	CHEAL	CHEAL	CHEAL
<b>Height:</b>		0.5 IN	2 IN
<b>Stage:</b>		2 L	9 L
<b>Weed 3 Name:</b>	AMAPO	AMAPO	AMAPO
<b>Height:</b>			2 IN
<b>Stage:</b>			8 L
<b>Weed 4 Name:</b>	AMBEL	AMBEL	AMBEL
<b>Height:</b>		1 IN	3 IN
<b>Stage:</b>		4 L	14 L
<b>Weed 5 Name:</b>	ABUTH	ABUTH	ABUTH
<b>Height:</b>			4 IN
<b>Stage:</b>			11 L

**Weed Density**

	1	2	3	4	5
<b>Date:</b>	Jun-15-2018	Jun-15-2018	Jun-15-2018	Jun-15-2018	Jun-15-2018
<b>Weed Name:</b>	ANGR	CHEAL	AMAPO	AMBEL	ABUTH
<b>Density:</b>	3 FT2	1 FT2	1 FT2	1 FT2	1 FT2

**Application Equipment**

Appl	Sprayer Type	Ground Speed	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	Spray Volume	Carrier	Operation Pressure
A	CUB	3.8 MPH	AIXR	11003	22 "	20 "	100 "	19 GPA	WATER	30 PSI
B	CUB	3.8 MPH	AIXR	11003	24 "	20 "	100 "	19 GPA	WATER	30 PSI
C	CUB	3.8 MPH	AIXR	11003	26 "	20 "	100 "	19 GPA	WATER	30 PSI

**Comments:**

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Study Director: Burns, Stiles, Powell, Craft

Pest Code		ANGR	CHEAL	AMAPO	AMBEL	ABUTH	
Crop Code	ZEAMX						ZEAMX
Rating Date	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-25-2018
Rating Type	injury	control	control	control	control	control	injury
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	11 DA-A	11 DA-A	11 DA-A	11 DA-A	11 DA-A	11 DA-A	10 DA-B

Trt No.	Treatment Name	Rate	Rate Unit	Appl Code							
1	Anthem MAXX	4 fl oz/a		A	0	100	100	100	100	100	0
1	Atrazine	1.1 lb/a		A							
1	Callisto	3 fl oz/a		C							
1	Atrazine	1.1 lb/a		C							
1	Roundup PowerMax	22 fl oz/a		C							
1	COC	1 % v/v		C							
1	AMS	8.5 lb/100 gal		C							
2	Anthem MAXX	4 fl oz/a		A	0	98	100	100	100	100	0
2	Callisto	5 fl oz/a		A							
2	Atrazine	1.1 lb/a		A							
2	Status	3 oz/a		C							
2	Atrazine	1.1 lb/a		C							
2	Roundup PowerMax	22 fl oz/a		C							
2	COC	1 % v/v		C							
2	AMS	8.5 lb/100 gal		C							
3	Anthem MAXX	4 fl oz/a		A	0	95	100	100	100	100	0
3	Balance Flexx	3 fl oz/a		A							
3	Atrazine	1.1 lb/a		A							
3	Callisto	2.5 fl oz/a		C							
3	Atrazine	0.55 lb/a		C							
3	Roundup PowerMax	22 fl oz/a		C							
3	COC	1 % v/v		C							
3	AMS	8.5 lb/100 gal		C							
4	Anthem MAXX	4 fl oz/a		A	0	95	100	100	100	100	0
4	Hornet	4 oz/a		A							
4	Atrazine	1.1 lb/a		A							
4	Callisto	2.5 fl oz/a		C							
4	Roundup PowerMax	22 fl oz/a		C							
4	COC	1 % v/v		C							
4	AMS	8.5 lb/100 gal		C							
5	Anthem MAXX	4 fl oz/a		B							4
5	Atrazine	1.1 lb/a		B							
5	Callisto	3 fl oz/a		B							
5	Roundup PowerMax	32 fl oz/a		B							
5	COC	1 % v/v		B							
5	AMS	8.5 lb/100 gal		B							
6	Untreated				0	0	0	0	0	0	0
7	Anthem MAXX	4 fl oz/a		B							84
7	Atrazine	1.1 lb/a		B							
7	Balance Flexx	3 fl oz/a		B							
7	Roundup PowerMax	22 fl oz/a		B							
7	COC	1 % v/v		B							
7	AMS	8.5 lb/100 gal		B							
8	Anthem MAXX	4 fl oz/a		B							3
8	Atrazine	0.55 lb/a		B							
8	Hornet	4 oz/a		B							
8	Roundup PowerMax	22 fl oz/a		B							
8	COC	1 % v/v		B							
8	AMS	8.5 lb/100 gal		B							
9	Halex GT	3.6 pt/a		B							0
9	Surfactant	0.25 % v/v		B							
9	AMS	8.5 lb/100 gal		B							

Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,13,15,19,21,22,25,27,28,31,33,34 because error mean square = 0.

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Study Director: Burns, Stiles, Powell, Craft

Pest Code		ANGR	CHEAL	AMAPO	AMBEL	ABUTH	
Crop Code	ZEAMX						ZEAMX
Rating Date	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-12-2018	Jun-25-2018
Rating Type	injury	control	control	control	control	control	injury
Rating Unit	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	11 DA-A	11 DA-A	11 DA-A	11 DA-A	11 DA-A	11 DA-A	10 DA-B

Trt No.	Treatment Name	Rate	Unit	Appl Code
10	Acuron	2	qt/a	B
10	Roundup PowerMax	22	fl oz/a	B
10	COC	1	% v/v	B
10	AMS	8.5	lb/100 gal	B

LSD P=.05	.	6.9	.	.	1.2	.	1.3
Standard Deviation	0.0	4.5	0.0	0.0	0.8	0.0	0.9
CV	0.0	5.77	0.0	0.0	0.94	0.0	9.83

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Pest Code	ANGR	CHEAL	AMAPO	AMBEL	ABUTH	ZEAMX	ANGR	CHEAL
Crop Code								
Rating Date	Jun-25-2018	Jun-25-2018	Jun-25-2018	Jun-25-2018	Jun-25-2018	Jul-3-2018	Jul-3-2018	Jul-3-2018
Rating Type	control	control	control	control	control	injury	control	control
Rating Unit	percent	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	10 DA-B	10 DA-B	10 DA-B	10 DA-B	10 DA-B	8 DA-C	8 DA-C	8 DA-C

Trt No.	Treatment Name	Rate	Unit	Appl Code								
1	Anthem MAXX	4 fl oz/a		A	99	100	100	100	99	0	100	100
1	Atrazine	1.1 lb/a		A								
1	Callisto	3 fl oz/a		C								
1	Atrazine	1.1 lb/a		C								
1	Roundup PowerMax	22 fl oz/a		C								
1	COC	1 % v/v		C								
1	AMS	8.5 lb/100 gal		C								
2	Anthem MAXX	4 fl oz/a		A	98	100	100	100	100	0	100	100
2	Callisto	5 fl oz/a		A								
2	Atrazine	1.1 lb/a		A								
2	Status	3 oz/a		C								
2	Atrazine	1.1 lb/a		C								
2	Roundup PowerMax	22 fl oz/a		C								
2	COC	1 % v/v		C								
2	AMS	8.5 lb/100 gal		C								
3	Anthem MAXX	4 fl oz/a		A	96	100	100	100	100	0	100	100
3	Balance Flexx	3 fl oz/a		A								
3	Atrazine	1.1 lb/a		A								
3	Callisto	2.5 fl oz/a		C								
3	Atrazine	0.55 lb/a		C								
3	Roundup PowerMax	22 fl oz/a		C								
3	COC	1 % v/v		C								
3	AMS	8.5 lb/100 gal		C								
4	Anthem MAXX	4 fl oz/a		A	95	100	100	100	99	0	100	100
4	Hornet	4 oz/a		A								
4	Atrazine	1.1 lb/a		A								
4	Callisto	2.5 fl oz/a		C								
4	Roundup PowerMax	22 fl oz/a		C								
4	COC	1 % v/v		C								
4	AMS	8.5 lb/100 gal		C								
5	Anthem MAXX	4 fl oz/a		B	99	100	100	100	100	0	99	100
5	Atrazine	1.1 lb/a		B								
5	Callisto	3 fl oz/a		B								
5	Roundup PowerMax	32 fl oz/a		B								
5	COC	1 % v/v		B								
5	AMS	8.5 lb/100 gal		B								
6	Untreated				0	0	0	0	0	0	0	0
7	Anthem MAXX	4 fl oz/a		B	93	100	100	100	100	10	75	100
7	Atrazine	1.1 lb/a		B								
7	Balance Flexx	3 fl oz/a		B								
7	Roundup PowerMax	22 fl oz/a		B								
7	COC	1 % v/v		B								
7	AMS	8.5 lb/100 gal		B								
8	Anthem MAXX	4 fl oz/a		B	94	100	100	100	100	0	96	100
8	Atrazine	0.55 lb/a		B								
8	Hornet	4 oz/a		B								
8	Roundup PowerMax	22 fl oz/a		B								
8	COC	1 % v/v		B								
8	AMS	8.5 lb/100 gal		B								
9	Halex GT	3.6 pt/a		B	97	100	100	99	98	0	100	100
9	Surfactant	0.25 % v/v		B								
9	AMS	8.5 lb/100 gal		B								

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Pest Code		ANGR	CHEAL	AMAPO	AMBEL	ABUTH		ANGR	CHEAL
Crop Code							ZEAMX		
Rating Date		Jun-25-2018	Jun-25-2018	Jun-25-2018	Jun-25-2018	Jun-25-2018	Jul-3-2018	Jul-3-2018	Jul-3-2018
Rating Type		control	control	control	control	control	injury	control	control
Rating Unit		percent	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval		10 DA-B	10 DA-B	10 DA-B	10 DA-B	10 DA-B	8 DA-C	8 DA-C	8 DA-C
Trt No.	Treatment Name	Rate	Unit	Appl Code					
10	Acuron	2	qt/a	B	98	100	100	100	100
10	Roundup PowerMax	22	fl oz/a	B				0	100
10	COC	1	% v/v	B					
10	AMS	8.5	lb/100 gal	B					
LSD	P=.05	5.6		.		0.7	1.7	.	8.0
Standard Deviation		3.9		0.0	0.0	0.5	1.1	0.0	5.5
CV		4.46		0.0	0.0	0.52	1.28	0.0	6.39

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Pest Code			AMAPO	AMBEL	ABUTH		ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Crop Code						ZEAMX					
Rating Date			Jul-3-2018	Jul-3-2018	Jul-3-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018
Rating Type			control	control	control	injury	control	control	control	control	control
Rating Unit			percent	percent	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval			8 DA-C	8 DA-C	8 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C
Trt No.	Treatment Name	Rate									
		Unit									
1	Anthem MAXX	4 fl oz/a	A	100	100	100	0	100	100	100	100
1	Atrazine	1.1 lb/a	A								
1	Callisto	3 fl oz/a	C								
1	Atrazine	1.1 lb/a	C								
1	Roundup PowerMax	22 fl oz/a	C								
1	COC	1 % v/v	C								
1	AMS	8.5 lb/100 gal	C								
2	Anthem MAXX	4 fl oz/a	A	100	100	100	0	100	100	100	100
2	Callisto	5 fl oz/a	A								
2	Atrazine	1.1 lb/a	A								
2	Status	3 oz/a	C								
2	Atrazine	1.1 lb/a	C								
2	Roundup PowerMax	22 fl oz/a	C								
2	COC	1 % v/v	C								
2	AMS	8.5 lb/100 gal	C								
3	Anthem MAXX	4 fl oz/a	A	100	100	100	0	100	100	100	100
3	Balance Flexx	3 fl oz/a	A								
3	Atrazine	1.1 lb/a	A								
3	Callisto	2.5 fl oz/a	C								
3	Atrazine	0.55 lb/a	C								
3	Roundup PowerMax	22 fl oz/a	C								
3	COC	1 % v/v	C								
3	AMS	8.5 lb/100 gal	C								
4	Anthem MAXX	4 fl oz/a	A	100	100	100	0	100	100	100	100
4	Hornet	4 oz/a	A								
4	Atrazine	1.1 lb/a	A								
4	Callisto	2.5 fl oz/a	C								
4	Roundup PowerMax	22 fl oz/a	C								
4	COC	1 % v/v	C								
4	AMS	8.5 lb/100 gal	C								
5	Anthem MAXX	4 fl oz/a	B	100	100	100	0	98	100	100	100
5	Atrazine	1.1 lb/a	B								
5	Callisto	3 fl oz/a	B								
5	Roundup PowerMax	32 fl oz/a	B								
5	COC	1 % v/v	B								
5	AMS	8.5 lb/100 gal	B								
6	Untreated			0	0	0	0	0	0	0	0
7	Anthem MAXX	4 fl oz/a	B	100	100	100	10	79	100	100	100
7	Atrazine	1.1 lb/a	B								
7	Balance Flexx	3 fl oz/a	B								
7	Roundup PowerMax	22 fl oz/a	B								
7	COC	1 % v/v	B								
7	AMS	8.5 lb/100 gal	B								
8	Anthem MAXX	4 fl oz/a	B	100	100	100	0	96	100	100	100
8	Atrazine	0.55 lb/a	B								
8	Hornet	4 oz/a	B								
8	Roundup PowerMax	22 fl oz/a	B								
8	COC	1 % v/v	B								
8	AMS	8.5 lb/100 gal	B								
9	Halex GT	3.6 pt/a	B	100	99	100	0	100	100	100	100
9	Surfactant	0.25 % v/v	B								
9	AMS	8.5 lb/100 gal	B								

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Pest Code		AMAPO	AMBEL	ABUTH		ANGR	CHEAL	AMAPO	AMBEL	ABUTH
Crop Code					ZEAMX					
Rating Date		Jul-3-2018	Jul-3-2018	Jul-3-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018	Jul-9-2018
Rating Type		control	control	control	injury	control	control	control	control	control
Rating Unit		percent	percent	percent	percent	percent	percent	percent	percent	percent
Trt-Eval Interval		8 DA-C	8 DA-C	8 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C	14 DA-C
Trt No.	Treatment Name	Rate	Unit	Appl Code						
10	Acuron	2	qt/a	B	100	100	100	100	100	100
10	Roundup PowerMax	22	fl oz/a	B						
10	COC	1	% v/v	B						
10	AMS	8.5	lb/100 gal	B						
LSD	P=.05	0.5			1.1	0.5	.	6.7	.	0.5
	Standard Deviation	0.3			0.8	0.3	0.0	4.6	0.0	0.3
	CV	0.35			0.88	0.35	0.0	5.27	0.0	0.35

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Pest Code	ANGR	CHEAL	AMAPO	AMBEL	ABUTH	ANGR
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Rating Date	Jul-23-2018	Jul-23-2018	Jul-23-2018	Jul-23-2018	Jul-23-2018	Aug-8-2018
Rating Type	injury	control	control	control	control	injury
Rating Unit	percent	percent	percent	percent	percent	percent
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	28 DA-C	28 DA-C	44 DA-C

Trt No.	Treatment Name	Rate	Unit	Appl Code	0	100	100	100	100	100	0	100
1	Anthem MAXX	4 fl oz/a		A	0	100	100	100	100	100	0	100
1	Atrazine	1.1 lb/a		A								
1	Callisto	3 fl oz/a		C								
1	Atrazine	1.1 lb/a		C								
1	Roundup PowerMax	22 fl oz/a		C								
1	COC	1 % v/v		C								
1	AMS	8.5 lb/100 gal		C								
2	Anthem MAXX	4 fl oz/a		A	0	100	100	100	100	100	0	100
2	Callisto	5 fl oz/a		A								
2	Atrazine	1.1 lb/a		A								
2	Status	3 oz/a		C								
2	Atrazine	1.1 lb/a		C								
2	Roundup PowerMax	22 fl oz/a		C								
2	COC	1 % v/v		C								
2	AMS	8.5 lb/100 gal		C								
3	Anthem MAXX	4 fl oz/a		A	0	100	100	100	100	100	0	100
3	Balance Flexx	3 fl oz/a		A								
3	Atrazine	1.1 lb/a		A								
3	Callisto	2.5 fl oz/a		C								
3	Atrazine	0.55 lb/a		C								
3	Roundup PowerMax	22 fl oz/a		C								
3	COC	1 % v/v		C								
3	AMS	8.5 lb/100 gal		C								
4	Anthem MAXX	4 fl oz/a		A	0	100	100	100	100	100	0	100
4	Hornet	4 oz/a		A								
4	Atrazine	1.1 lb/a		A								
4	Callisto	2.5 fl oz/a		C								
4	Roundup PowerMax	22 fl oz/a		C								
4	COC	1 % v/v		C								
4	AMS	8.5 lb/100 gal		C								
5	Anthem MAXX	4 fl oz/a		B	0	95	100	100	100	100	0	94
5	Atrazine	1.1 lb/a		B								
5	Callisto	3 fl oz/a		B								
5	Roundup PowerMax	32 fl oz/a		B								
5	COC	1 % v/v		B								
5	AMS	8.5 lb/100 gal		B								
6	Untreated				0	0	0	0	0	0	0	0
7	Anthem MAXX	4 fl oz/a		B	5	75	100	100	100	100	0	65
7	Atrazine	1.1 lb/a		B								
7	Balance Flexx	3 fl oz/a		B								
7	Roundup PowerMax	22 fl oz/a		B								
7	COC	1 % v/v		B								
7	AMS	8.5 lb/100 gal		B								
8	Anthem MAXX	4 fl oz/a		B	0	96	100	100	100	100	0	87
8	Atrazine	0.55 lb/a		B								
8	Hornet	4 oz/a		B								
8	Roundup PowerMax	22 fl oz/a		B								
8	COC	1 % v/v		B								
8	AMS	8.5 lb/100 gal		B								
9	Halex GT	3.6 pt/a		B	0	100	100	100	99	100	0	93
9	Surfactant	0.25 % v/v		B								
9	AMS	8.5 lb/100 gal		B								

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Pest Code		ANGR	CHEAL	AMAPO	AMBEL	ABUTH		ANGR			
Crop Code	ZEAMX						ZEAMX				
Rating Date	Jul-23-2018	Jul-23-2018	Jul-23-2018	Jul-23-2018	Jul-23-2018	Jul-23-2018	Aug-8-2018	Aug-8-2018			
Rating Type	injury	control	control	control	control	control	injury	control			
Rating Unit	percent	percent	percent	percent	percent	percent	percent	percent			
Trt-Eval Interval	28 DA-C	28 DA-C	28 DA-C	28 DA-C	28 DA-C	28 DA-C	44 DA-C	44 DA-C			
Trt No.	Treatment Name	Rate	Appl Code								
10	Acuron	2 qt/a	B	0	99	100	100	100	100	0	96
10	Roundup PowerMax	22 fl oz/a	B								
10	COC	1 % v/v	B								
10	AMS	8.5 lb/100 gal	B								
LSD P=.05				.	7.0	.	.	0.5	0.5	.	9.7
Standard Deviation				0.0	4.9	0.0	0.0	0.4	0.3	0.0	6.7
CV				0.0	5.61	0.0	0.0	0.41	0.35	0.0	7.98

Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,13,15,19,21,22,25,27,28,31,33,34 because error mean square = 0.

# Michigan State University

## Weed control programs with Anthem Maxx in corn

Trial ID: C08-18\_Updated

Location: Campus T-17

Investigator: Erin Burns

Study Director: Burns, Stiles, Powell, Craft

Pest Code	CHEAL	AMAPO	AMBEL	ABUTH	ZEAMX	ZEAMX	ZEAMX
Crop Code							
Rating Date	Aug-8-2018	Aug-8-2018	Aug-8-2018	Aug-8-2018	Oct-25-2018	Oct-25-2018	Oct-25-2018
Rating Type	control	control	control	control	test wieght	moisture	YIELD
Rating Unit	percent	percent	percent	percent	lbs/bu	percent	BU
Trt-Eval Interval	44 DA-C	44 DA-C	44 DA-C	44 DA-C	122 DA-C	122 DA-C	at 15% M

Trt No.	Treatment Name	Rate	Unit	Appl Code							
1	Anthem MAXX	4 fl oz/a		A	100	100	100	100	52.5	21.1	247.1
1	Atrazine	1.1 lb/a		A							
1	Callisto	3 fl oz/a		C							
1	Atrazine	1.1 lb/a		C							
1	Roundup PowerMax	22 fl oz/a		C							
1	COC	1 % v/v		C							
1	AMS	8.5 lb/100 gal		C							
2	Anthem MAXX	4 fl oz/a		A	100	100	100	100	52.6	22.4	248.7
2	Callisto	5 fl oz/a		A							
2	Atrazine	1.1 lb/a		A							
2	Status	3 oz/a		C							
2	Atrazine	1.1 lb/a		C							
2	Roundup PowerMax	22 fl oz/a		C							
2	COC	1 % v/v		C							
2	AMS	8.5 lb/100 gal		C							
3	Anthem MAXX	4 fl oz/a		A	100	100	100	100	52.0	21.7	250.1
3	Balance Flexx	3 fl oz/a		A							
3	Atrazine	1.1 lb/a		A							
3	Callisto	2.5 fl oz/a		C							
3	Atrazine	0.55 lb/a		C							
3	Roundup PowerMax	22 fl oz/a		C							
3	COC	1 % v/v		C							
3	AMS	8.5 lb/100 gal		C							
4	Anthem MAXX	4 fl oz/a		A	100	100	100	100	52.8	22.4	243.4
4	Hornet	4 oz/a		A							
4	Atrazine	1.1 lb/a		A							
4	Callisto	2.5 fl oz/a		C							
4	Roundup PowerMax	22 fl oz/a		C							
4	COC	1 % v/v		C							
4	AMS	8.5 lb/100 gal		C							
5	Anthem MAXX	4 fl oz/a		B	100	100	100	100	52.3	21.7	250.8
5	Atrazine	1.1 lb/a		B							
5	Callisto	3 fl oz/a		B							
5	Roundup PowerMax	32 fl oz/a		B							
5	COC	1 % v/v		B							
5	AMS	8.5 lb/100 gal		B							
6	Untreated				0	0	0	0	52.5	22.9	200.0
7	Anthem MAXX	4 fl oz/a		B	100	100	100	100	51.5	23.9	248.1
7	Atrazine	1.1 lb/a		B							
7	Balance Flexx	3 fl oz/a		B							
7	Roundup PowerMax	22 fl oz/a		B							
7	COC	1 % v/v		B							
7	AMS	8.5 lb/100 gal		B							
8	Anthem MAXX	4 fl oz/a		B	100	100	99	100	52.4	22.0	253.5
8	Atrazine	0.55 lb/a		B							
8	Hornet	4 oz/a		B							
8	Roundup PowerMax	22 fl oz/a		B							
8	COC	1 % v/v		B							
8	AMS	8.5 lb/100 gal		B							
9	Halex GT	3.6 pt/a		B	100	100	95	100	52.0	21.6	251.2
9	Surfactant	0.25 % v/v		B							
9	AMS	8.5 lb/100 gal		B							

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# Michigan State University

## Weed control programs with Anthem Maxx in corn

Trial ID: C08-18\_Updated

Location: Campus T-17

Investigator: Erin Burns

Study Director: Burns, Stiles, Powell, Craft

Pest Code	CHEAL	AMAPO	AMBEL	ABUTH	ZEAMX	ZEAMX	ZEAMX
Crop Code							
Rating Date	Aug-8-2018	Aug-8-2018	Aug-8-2018	Aug-8-2018	Oct-25-2018	Oct-25-2018	Oct-25-2018
Rating Type	control	control	control	control	test wieght	moisture	YIELD
Rating Unit	percent	percent	percent	percent	lbs/bu	percent	BU
Trt-Eval Interval	44 DA-C	44 DA-C	44 DA-C	44 DA-C	122 DA-C	122 DA-C	at 15% M
Trt No.	Treatment Name	Rate	Unit	Appl Code			
10	Acuron	2	qt/a	B	100	100	100
10	Roundup PowerMax	22	fl oz/a	B	100	100	100
10	COC	1	% v/v	B	52.1	22.2	252.4
10	AMS	8.5	lb/100 gal	B			
LSD P=.05		.	.		1.8	0.5	0.96
Standard Deviation		0.0	0.0		1.2	0.3	0.66
CV		0.0	0.0		1.4	0.35	1.26
							1.09
							12.91
							8.90
							3.64

Could not calculate LSD (% mean diff) for columns 1,3,4,6,9,10,13,15,19,21,22,25,27,28,31,33,34 because error mean square = 0.