

# The Ohio State University

2014/CORN/ANTHEM/ANTHEM ATZ/PRE-POST /EAST

Trial ID: 14EPOC1      Location: Western Branch      Trial Year: 2014  
 Protocol ID: 14EPOC1      Investigator: Dr. Mark M. Loux  
 Project ID:      Study Director: Anthony Dobbels  
                                  Sponsor Contact: Joe Reed, FMC

**Crop 1:** ZEAMX      Zea mays  
**Variety:** Dekalb DKC 60-67 RIB  
**Description:** RR/LL

**Crop Description**  
 Corn  
**BBCH Scale:** BCOR

**Planting Rate, Unit:** 32097      S/A  
**Depth, Unit:** 1.75 IN  
**Row Spacing, Unit:** 30 IN  
**Soil Temperature, Unit:** 56 F  
**Soil Moisture:** NORMAL normal, adequate  
**Seed Bed:** MEDIUM medium

**Planting Date:** Apr-26-2014  
**Planting Method:** PLANTD planted  
**Planting Equipment:** FPP      Finger Pickup Planter  
**Emergence Date:** May-12-2014

**Pest 1 Type:** W      **Code:** SETFA      *Setaria faberi*  
**Common Name:** Giant foxtail

### Pest Description

**Pest 2 Type:** W      **Code:** AMBTR      *Ambrosia trifida*  
**Common Name:** Giant ragweed

**Pest 3 Type:** W      **Code:** CHEAL      *Chenopodium album*  
**Common Name:** Common lambsquarters

**Pest 4 Type:** W      **Code:** AMARE      *Amaranthus retroflexus*  
**Common Name:** Redroot pigweed

**Pest 5 Type:** W      **Code:** POLPY      *Persicaria pensylvanica*  
**Common Name:** Pennsylvania smartweed

**Treated Plot Width:** 10 FT  
**Treated Plot Length:** 40 FT  
**Treated Plot Area:** 400 FT<sup>2</sup>      **Treatments:** 14  
**Replications:** 4

**Site and Design**  
**Site Type:** FIELD field  
**Experimental Unit:** 1 PLOT plot  
**Tillage Type:** CONTIL conventional-till  
**Study Design:** RACOB� Randomized Complete Block (RCB)

**No. Previous Crop Year**  
 1. Soybean      2013

### Soil Description

**Description Name:** F-7 East  
**% OM:** 2      **Texture:** SIC silty clay  
**pH:** 6.9      **Soil Name:** Crosby  
**CEC:** 14      **Fert. Level:** G good  
**Soil Drainage:** G good

### Application Description

	A	B
<b>Application Date:</b>	Apr-26-2014	May-27-2014
<b>Appl. Start Time:</b>	6:00 PM	8:50 AM
<b>Appl. Stop Time:</b>	6:30 PM	9:20 AM
<b>Application Method:</b>	SPRAY	SPRAY
<b>Application Timing:</b>	PRE	EPOST
<b>Application Placement:</b>	BROSOL	BROFOL
<b>Applied By:</b>	Ackley	Reeb
<b>Air Temperature, Unit:</b>	74 F	75.7 F
<b>% Relative Humidity:</b>	47	72.2
<b>Wind Velocity, Unit:</b>	7 MPH	5.7 MPH
<b>Wind Direction:</b>	N	W
<b>Dew Presence (Y/N):</b>	N no	Y yes
<b>Soil Temperature, Unit:</b>	62 F	68 F
<b>Soil Moisture:</b>	DRY	DRY
<b>% Cloud Cover:</b>	5	25
<b>Next Moisture Occurred On:</b>	Apr-28-2014	Jun-2-2014
<b>Time to Next Moisture, Unit:</b>	1.5 DAY	6 DAY

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## Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMX BCOR	ZEAMX BCOR
Stage Scale Used:		BBCH
Stage Majority, Percent:		13 100
Height, Unit:		3 IN
Height Minimum, Maximum:		3 4

## Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	SETFA W	SETFA W
Stage Majority, Percent:		16 100
Height, Unit:		5.5 IN
Height Minimum, Maximum:		4 7
Density, Unit:		500 M2
Pest 2 Code, Type, Scale:	AMBTR W	AMBTR W
Stage Majority, Percent:		14 100
Height, Unit:		4 IN
Height Minimum, Maximum:		3 5
Density, Unit:		18.25 M2
Pest 3 Code, Type, Scale:	CHEAL W	CHEAL W
Stage Majority, Percent:		12 100
Height, Unit:		1 IN
Height Minimum, Maximum:		1 2
Density, Unit:		12.25 M2
Pest 4 Code, Type, Scale:	AMARE W	AMARE W
Stage Majority, Percent:		12 100
Height, Unit:		1 IN
Height Minimum, Maximum:		1 2
Density, Unit:		13 M2
Pest 5 Code, Type, Scale:	POLPY W	POLPY W
Stage Majority, Percent:		12 100
Height, Unit:		1 IN
Height Minimum, Maximum:		1 2
Density, Unit:		23.25 M2

## Application Equipment

	A	B
Appl. Equipment:	6 FOOT BOOM	6 FOOT BOOM
Equipment Type:	SPRBAC	SPRBAC
Operation Pressure, Unit:	46 PSI	46 PSI
Nozzle Type:	AI XR	AI XR
Nozzle Size:	110015	110015
Nozzle Spacing, Unit:	18 IN	18 IN
Boom Length, Unit:	6.67 FT	6.67 FT
Boom Height, Unit:	20 IN	20 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	WATER	WATER
Spray Volume, Unit:	15 GPA	15 GPA
Mix Size, Unit:	1 Liters	1 Liters
Propellant:	CO2	CO2

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 Protocol ID: 14EPOC1 Investigator: Dr. Mark M. Loux  
 Project ID: Study Director: Anthony Dobbels  
 Sponsor Contact: Joe Reed, FMC

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed		
Pest Code	SETFA	AMBTR	CHEAL	AMARE	POLPY		
Pest Scientific Name	Setaria faberi	Ambrosia trif>	Chenopodium al>	Amaranthus ret>	Persicaria pen>		
Pest Name	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed	Pennsylvania s>		
Crop Code							
BBCH Scale							
Crop Scientific Name							
Crop Name							
Rating Date	May-27-2014	May-27-2014	May-27-2014	May-27-2014	May-27-2014		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1		
SE Group No.	1	2	3	4	5		
Days After First/Last Applic.	31 31	31 31	31 31	31 31	31 31		
Trt-Eval Interval	0 DA-B	0 DA-B	0 DA-B	0 DA-B	0 DA-B		
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	31 DP-1	31 DP-1		
Days After Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1		
ARM Action Codes			ER3		ER3		
Number of Decimals	0	0	0	0	0		
Trt Treatment	Rate	Appl					
No. Name	Rate Unit	Code	1	2	3	4	5
1 ANTHEM	8 fl oz/a	A	91	43	98	100	95
1 CADET	0.9 oz/a	B					
1 ROUNDUP POWERMAX	32 fl oz/a	B					
1 N PAK AMS	2.5 % v/v	B					
1 MUSTANG MAX	2.56 oz/a	B					
2 ANTHEM ATZ	32 fl oz/a	A	93	50	100	100	100
2 CADET	0.9 oz/a	B					
2 ROUNDUP POWERMAX	32 fl oz/a	B					
2 N PAK AMS	2.5 % v/v	B					
2 MUSTANG MAX	2.56 oz/a	B					
3 ANTHEM	8 fl oz/a	A	98	43	98	100	90
3 STANZA	3 oz/a	B					
3 CADET	0.9 oz/a	B					
3 ROUNDUP POWERMAX	32 fl oz/a	B					
3 N PAK AMS	2.5 % v/v	B					
3 MUSTANG MAX	2.56 oz/a	B					
4 ANTHEM ATZ	32 fl oz/a	A	99	35	95	100	100
4 SOLSTICE	3 oz/a	B					
4 CADET	0.9 oz/a	B					
4 ROUNDUP POWERMAX	32 fl oz/a	B					
4 N PAK AMS	2.5 % v/v	B					
4 MUSTANG MAX	2.56 oz/a	B					
5 ANTHEM	8 fl oz/a	B					
5 STANZA	3 oz/a	B					
5 ROUNDUP POWERMAX	32 fl oz/a	B					
5 N PAK AMS	2.5 % v/v	B					
5 MUSTANG MAX	2.56 oz/a	B					
6 ANTHEM ATZ	32 fl oz/a	B					
6 STANZA	3 oz/a	B					
6 ROUNDUP POWERMAX	32 fl oz/a	B					
6 N PAK AMS	2.5 % v/v	B					
6 MUSTANG MAX	2.56 oz/a	B					

t=Mean descriptions are reported in transformed data units, and are not de-transformed.  
 Missing data estimates are included in columns:Average=11

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	CHEAL	AMARE	POLPY
Pest Scientific Name	Setaria faberi	Ambrosia trifida	Chenopodium album	Amaranthus retrofractus	Persicaria pensylvanica
Pest Name	Giant foxtail	Giant ragweed	Common lambsquarters	Redroot pigweed	Pennsylvania smartweed
Crop Code					
BBCH Scale					
Crop Scientific Name					
Crop Name					
Rating Date	May-27-2014	May-27-2014	May-27-2014	May-27-2014	May-27-2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
SE Group No.	1	2	3	4	5
Days After First/Last Applic.	31 31	31 31	31 31	31 31	31 31
Trt-Eval Interval	0 DA-B	0 DA-B	0 DA-B	0 DA-B	0 DA-B
Plant-Eval Interval	31 DP-1	31 DP-1	31 DP-1	31 DP-1	31 DP-1
Days After Emergence	15 DE-1	15 DE-1	15 DE-1	15 DE-1	15 DE-1
ARM Action Codes			ER3		ER3
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Appl Code	1	2	3	4	5	
7	ANTHEM ATZ	32 fl oz/a		B						
7	SOLSTICE	3 oz/a		B						
7	ROUNDUP POWERMAX	32 fl oz/a		B						
7	N PAK AMS	2.5 % v/v		B						
7	MUSTANG MAX	2.56 oz/a		B						
8	SOLSTICE	3 oz/a		B						
8	AAtrex	16 oz/a		B						
8	ROUNDUP POWERMAX	32 fl oz/a		B						
8	N PAK AMS	2.5 % v/v		B						
8	MUSTANG MAX	2.56 oz/a		B						
9	SOLSTICE	3 oz/a		B						
9	ROUNDUP POWERMAX	32 fl oz/a		B						
9	AMMONIUM SULFATE	8.5 lb ai/100 gal		B						
9	MUSTANG MAX	2.56 oz/a		B						
10	ARMEZON	0.75 oz/a		B						
10	ROUNDUP POWERMAX	32 fl oz/a		B						
10	N PAK AMS	2.5 % v/v		B						
10	MUSTANG MAX	2.56 oz/a		B						
11	REALM Q	4 oz/a		B						
11	Rimsulfuron	1.2 oz/a		B						
11	Mesotrione	2.5 oz/a		B						
11	Isxadifen-Ethyl	0.3 oz/a		B						
11	ROUNDUP POWERMAX	32 fl oz/a		B						
11	N PAK AMS	2.5 % v/v		B						
11	MUSTANG MAX	2.56 oz/a		B						
12	CORVUS	5.9 oz/a		B						
12	AATREX	32 fl oz/a		B						
12	MUSTANG MAX	2.56 oz/a		B						
13	LUMAX EZ	2.7 qt/a		B						
13	MUSTANG MAX	2.56 oz/a		B						
14	Untreated Check									
LSD (P=.05)		11.0			32.0		6.5		0.0	15.3
Standard Deviation		6.9			20.0		4.1		0.0	9.6
CV		7.23			47.06		4.19		0.0	9.95
Bartlett's X2		5.131			2.978		2.036		0.0	1.323
P(Bartlett's X2)		0.162			0.395		0.361		.	0.25
Skewness		-1.0755			0.0182		-2.3754*		.	-3.0297*
Kurtosis		-0.1632			-1.1635		5.3143*		.	9.0934*
Replicate F		0.794			0.875		6.000		0.000	2.455
Replicate Prob(F)		0.5273			0.4894		0.0157		1.0000	0.1298
Treatment F		1.147			0.375		1.000		0.000	1.000
Treatment Prob(F)		0.3818			0.7733		0.4363		1.0000	0.4363

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Pest Type		W Weed	W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name		Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code	ZEAMX				
BBCH Scale	BCOR				
Crop Scientific Name	Zea mays				
Crop Name	Corn				
Rating Date	Jun-9-2014	Jun-9-2014	Jun-9-2014	Jun-9-2014	Jun-9-2014
Rating Type	PHYNEC	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
SE Group No.	6	7	8	9	10
Days After First/Last Applic.	44 13	44 13	44 13	44 13	44 13
Trt-Eval Interval	13 DA-B	13 DA-B	13 DA-B	13 DA-B	13 DA-B
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1
Days After Emergence	28 DE-1	28 DE-1	28 DE-1	28 DE-1	28 DE-1
ARM Action Codes			ET14	AA	ER4
Number of Decimals	0	0	0	0	0

Trt Treatment No. Name	Rate Rate Unit	Appl Code	6	7	8	9	10
1 ANTHEM	8 fl oz/a	A	2	90	78	92	93
1 CADET	0.9 oz/a	B					
1 ROUNDUP POWERMAX	32 fl oz/a	B					
1 N PAK AMS	2.5 % v/v	B					
1 MUSTANG MAX	2.56 oz/a	B					
2 ANTHEM ATZ	32 fl oz/a	A	2	91	79	95	92
2 CADET	0.9 oz/a	B					
2 ROUNDUP POWERMAX	32 fl oz/a	B					
2 N PAK AMS	2.5 % v/v	B					
2 MUSTANG MAX	2.56 oz/a	B					
3 ANTHEM	8 fl oz/a	A	2	93	83	98	100
3 STANZA	3 oz/a	B					
3 CADET	0.9 oz/a	B					
3 ROUNDUP POWERMAX	32 fl oz/a	B					
3 N PAK AMS	2.5 % v/v	B					
3 MUSTANG MAX	2.56 oz/a	B					
4 ANTHEM ATZ	32 fl oz/a	A	1	91	82	100	100
4 SOLSTICE	3 oz/a	B					
4 CADET	0.9 oz/a	B					
4 ROUNDUP POWERMAX	32 fl oz/a	B					
4 N PAK AMS	2.5 % v/v	B					
4 MUSTANG MAX	2.56 oz/a	B					
5 ANTHEM	8 fl oz/a	B	2	89	85	94	96
5 STANZA	3 oz/a	B					
5 ROUNDUP POWERMAX	32 fl oz/a	B					
5 N PAK AMS	2.5 % v/v	B					
5 MUSTANG MAX	2.56 oz/a	B					
6 ANTHEM ATZ	32 fl oz/a	B	1	89	96	97	98
6 STANZA	3 oz/a	B					
6 ROUNDUP POWERMAX	32 fl oz/a	B					
6 N PAK AMS	2.5 % v/v	B					
6 MUSTANG MAX	2.56 oz/a	B					

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Pest Type		W Weed	W Weed	W Weed	W Weed
Pest Code		SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name		Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code	ZEAMX				
BBCH Scale	BCOR				
Crop Scientific Name	Zea mays				
Crop Name	Corn				
Rating Date	Jun-9-2014	Jun-9-2014	Jun-9-2014	Jun-9-2014	Jun-9-2014
Rating Type	PHYNEC	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
SE Group No.	6	7	8	9	10
Days After First/Last Applic.	44 13	44 13	44 13	44 13	44 13
Trt-Eval Interval	13 DA-B	13 DA-B	13 DA-B	13 DA-B	13 DA-B
Plant-Eval Interval	44 DP-1	44 DP-1	44 DP-1	44 DP-1	44 DP-1
Days After Emergence	28 DE-1	28 DE-1	28 DE-1	28 DE-1	28 DE-1
ARM Action Codes			ET14	AA	ER4
Number of Decimals	0	0	0	0	0

Trt Treatment No. Name	Rate Rate Unit	Appl Code	6	7	8	9	10
7 ANTHEM ATZ	32 fl oz/a	B	2	99	95	100	78
7 SOLSTICE	3 oz/a	B					
7 ROUNDUP POWERMAX	32 fl oz/a	B					
7 N PAK AMS	2.5 % v/v	B					
7 MUSTANG MAX	2.56 oz/a	B					
8 SOLSTICE	3 oz/a	B	2	90	92	98	99
8 AAtrex	16 oz/a	B					
8 ROUNDUP POWERMAX	32 fl oz/a	B					
8 N PAK AMS	2.5 % v/v	B					
8 MUSTANG MAX	2.56 oz/a	B					
9 SOLSTICE	3 oz/a	B	2	85	87	89	87
9 ROUNDUP POWERMAX	32 fl oz/a	B					
9 AMMONIUM SULFATE	8.5 lb ai/100 gal	B					
9 MUSTANG MAX	2.56 oz/a	B					
10 ARMEZON	0.75 oz/a	B	0	88	86	89	83
10 ROUNDUP POWERMAX	32 fl oz/a	B					
10 N PAK AMS	2.5 % v/v	B					
10 MUSTANG MAX	2.56 oz/a	B					
11 REALM Q	4 oz/a	B	0	91	85	92	92
11 Rimsulfuron	1.2 oz/a	B					
11 Mesotrione	2.5 oz/a	B					
11 Isoxadifen-Ethyl	0.3 oz/a	B					
11 ROUNDUP POWERMAX	32 fl oz/a	B					
11 N PAK AMS	2.5 % v/v	B					
11 MUSTANG MAX	2.56 oz/a	B					
12 CORVUS	5.9 oz/a	B	0	80	92	100	100
12 AATREX	32 fl oz/a	B					
12 MUSTANG MAX	2.56 oz/a	B					
13 LUMAX EZ	2.7 qt/a	B	1	48	97	100	100
13 MUSTANG MAX	2.56 oz/a	B					
14 Untreated Check			0	0	0	0	0
LSD (P=.05)			0.8	6.7	5.2	9.5t	18.2
Standard Deviation			0.5	4.7	3.6	6.7t	12.8
CV			45.87	5.89	4.5	8.96	14.68
Bartlett's X2			5.343	15.441	10.226	7.776	56.873
P(Bartlett's X2)			0.375	0.218	0.596	0.651	0.001*
Skewness			-0.2012	-2.3644*	-2.9569*	-2.5386*	-2.6779*
Kurtosis			-1.6433*	4.8831*	8.1141*	6.2635*	5.967*
Replicate F			3.759	1.968	2.712	3.199	1.454
Replicate Prob(F)			0.0183	0.1348	0.0581	0.0338	0.2419
Treatment F			9.582	121.048	174.254	45.323	16.551
Treatment Prob(F)			0.0001	0.0001	0.0001	0.0001	0.0001

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Pest Type	W Weed	W Weed	W Weed	W Weed
Pest Code	ABUTH	POLPY	SETFA	AMBTR
Pest Scientific Name	Abutilon theop>	Persicaria pen>	Setaria faberi	Ambrosia trifi>
Pest Name	velvetleaf	Pennsylvania s>	Giant foxtail	Giant ragweed
Crop Code			ZEAMX	
BBCH Scale			BCOR	
Crop Scientific Name			Zea mays	
Crop Name			Corn	
Rating Date	Jun-9-2014	Jun-9-2014	Jun-24-2014	Jun-24-2014
Rating Type	CONTRO	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
SE Group No.	11	12	13	14
Days After First/Last Applic.	44 13	44 13	59 28	59 28
Trt-Eval Interval	13 DA-B	13 DA-B	28 DA-B	28 DA-B
Plant-Eval Interval	44 DP-1	44 DP-1	59 DP-1	59 DP-1
Days After Emergence	28 DE-1	28 DE-1	43 DE-1	43 DE-1
ARM Action Codes	AA	AA	ET14	ET14
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Rate Rate Unit	Appl Code	11	12	13	14	15
1 ANTHEM	8 fl oz/a	A	98	100	0	70	63
1 CADET	0.9 oz/a	B					
1 ROUNDUP POWERMAX	32 fl oz/a	B					
1 N PAK AMS	2.5 % v/v	B					
1 MUSTANG MAX	2.56 oz/a	B					
2 ANTHEM ATZ	32 fl oz/a	A	96	100	0	71	66
2 CADET	0.9 oz/a	B					
2 ROUNDUP POWERMAX	32 fl oz/a	B					
2 N PAK AMS	2.5 % v/v	B					
2 MUSTANG MAX	2.56 oz/a	B					
3 ANTHEM	8 fl oz/a	A	93	97	0	81	80
3 STANZA	3 oz/a	B					
3 CADET	0.9 oz/a	B					
3 ROUNDUP POWERMAX	32 fl oz/a	B					
3 N PAK AMS	2.5 % v/v	B					
3 MUSTANG MAX	2.56 oz/a	B					
4 ANTHEM ATZ	32 fl oz/a	A	98	100	0	74	70
4 SOLSTICE	3 oz/a	B					
4 CADET	0.9 oz/a	B					
4 ROUNDUP POWERMAX	32 fl oz/a	B					
4 N PAK AMS	2.5 % v/v	B					
4 MUSTANG MAX	2.56 oz/a	B					
5 ANTHEM	8 fl oz/a	B	99	89	0	86	79
5 STANZA	3 oz/a	B					
5 ROUNDUP POWERMAX	32 fl oz/a	B					
5 N PAK AMS	2.5 % v/v	B					
5 MUSTANG MAX	2.56 oz/a	B					
6 ANTHEM ATZ	32 fl oz/a	B	99	100	0	87	84
6 STANZA	3 oz/a	B					
6 ROUNDUP POWERMAX	32 fl oz/a	B					
6 N PAK AMS	2.5 % v/v	B					
6 MUSTANG MAX	2.56 oz/a	B					

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Pest Scientific Name	Abutilon theop>	Persicaria pen>	Setaria faberi	Ambrosia trifi>
Pest Name	velvetleaf	Pennsylvania s>	Giant foxtail	Giant ragweed
Crop Code			ZEAMX	
BBCH Scale			BCOR	
Crop Scientific Name			Zea mays	
Crop Name			Corn	
Rating Date	Jun-9-2014	Jun-9-2014	Jun-24-2014	Jun-24-2014
Rating Type	CONTRO	CONTRO	PHYGEN	CONTRO
Rating Unit	%	%	%	%
Number of Subsamples	1	1	1	1
SE Group No.	11	12	13	14
Days After First/Last Applic.	44 13	44 13	59 28	59 28
Trt-Eval Interval	13 DA-B	13 DA-B	28 DA-B	28 DA-B
Plant-Eval Interval	44 DP-1	44 DP-1	59 DP-1	59 DP-1
Days After Emergence	28 DE-1	28 DE-1	43 DE-1	43 DE-1
ARM Action Codes	AA	AA	ET14	ET14
Number of Decimals	0	0	0	0

Trt Treatment No. Name	Rate Rate Unit	Appl Code	11	12	13	14	15
7 ANTHEM ATZ	32 fl oz/a	B	100	100	0	95	85
7 SOLSTICE	3 oz/a	B					
7 ROUNDUP POWERMAX	32 fl oz/a	B					
7 N PAK AMS	2.5 % v/v	B					
7 MUSTANG MAX	2.56 oz/a	B					
8 SOLSTICE	3 oz/a	B	93	100	0	68	83
8 AAtrex	16 oz/a	B					
8 ROUNDUP POWERMAX	32 fl oz/a	B					
8 N PAK AMS	2.5 % v/v	B					
8 MUSTANG MAX	2.56 oz/a	B					
9 SOLSTICE	3 oz/a	B	100	100	0	59	76
9 ROUNDUP POWERMAX	32 fl oz/a	B					
9 AMMONIUM SULFATE	8.5 lb ai/100 gal	B					
9 MUSTANG MAX	2.56 oz/a	B					
10 ARMEZON	0.75 oz/a	B	98	92	0	63	69
10 ROUNDUP POWERMAX	32 fl oz/a	B					
10 N PAK AMS	2.5 % v/v	B					
10 MUSTANG MAX	2.56 oz/a	B					
11 REALM Q	4 oz/a	B	99	100	0	68	72
11 Rimsulfuron	1.2 oz/a	B					
11 Mesotrione	2.5 oz/a	B					
11 Isoxadifen-Ethyl	0.3 oz/a	B					
11 ROUNDUP POWERMAX	32 fl oz/a	B					
11 N PAK AMS	2.5 % v/v	B					
11 MUSTANG MAX	2.56 oz/a	B					
12 CORVUS	5.9 oz/a	B	99	100	0	66	88
12 AATREX	32 fl oz/a	B					
12 MUSTANG MAX	2.56 oz/a	B					
13 LUMAX EZ	2.7 qt/a	B	100	100	0	33	95
13 MUSTANG MAX	2.56 oz/a	B					
14 Untreated Check			0	0	0	0	0
LSD (P=.05)			9.7t	6.3t	0.0	13.0	10.9
Standard Deviation			6.5t	4.4t	0.0	9.1	7.6
CV			8.48	5.49	0.0	13.89	10.57
Bartlett's X2			7.828	2.567	0.0	9.116	13.201
P(Bartlett's X2)			0.552	0.633	.	0.693	0.355
Skewness			-3.3171*	-2.9004*	.	-1.2821*	-2.1486*
Kurtosis			10.8341*	7.5878*	.	1.424*	4.8277*
Replicate F			0.246	2.331	0.000	3.578	1.575
Replicate Prob(F)			0.8629	0.0892	1.0000	0.0223	0.2108
Treatment F			47.960	118.346	0.000	27.969	35.305
Treatment Prob(F)			0.0001	0.0001	1.0000	0.0001	0.0001



# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	CHEAL	AMARE	ABUTH	POLPY	SIDSP
Pest Scientific Name	Chenopodium al>	Amaranthus ret>	Abutilon theop>	Persicaria pen>	Sida spinosa
Pest Name	Common lambsqu>	Redroot pigweed	velvetleaf	Pennsylvania s>	Prickly sida
Crop Code					
BBCH Scale					
Crop Scientific Name					
Crop Name					
Rating Date	Jun-24-2014	Jun-24-2014	Jun-24-2014	Jun-24-2014	Jun-24-2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
SE Group No.	16	17	18	19	20
Days After First/Last Applic.	59 28	59 28	59 28	59 28	59 28
Trt-Eval Interval	28 DA-B	28 DA-B	28 DA-B	28 DA-B	28 DA-B
Plant-Eval Interval	59 DP-1	59 DP-1	59 DP-1	59 DP-1	59 DP-1
Days After Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	43 DE-1
ARM Action Codes		AA			
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Rate	Unit	Appl Code	16	17	18	19	20
1	ANTHEM	8 fl oz/a		A	73	85	94	100	45
1	CADET	0.9 oz/a		B					
1	ROUNDUP POWERMAX	32 fl oz/a		B					
1	N PAK AMS	2.5 % v/v		B					
1	MUSTANG MAX	2.56 oz/a		B					
2	ANTHEM ATZ	32 fl oz/a		A	85	82	98	100	53
2	CADET	0.9 oz/a		B					
2	ROUNDUP POWERMAX	32 fl oz/a		B					
2	N PAK AMS	2.5 % v/v		B					
2	MUSTANG MAX	2.56 oz/a		B					
3	ANTHEM	8 fl oz/a		A	90	97	100	90	93
3	STANZA	3 oz/a		B					
3	CADET	0.9 oz/a		B					
3	ROUNDUP POWERMAX	32 fl oz/a		B					
3	N PAK AMS	2.5 % v/v		B					
3	MUSTANG MAX	2.56 oz/a		B					
4	ANTHEM ATZ	32 fl oz/a		A	100	96	100	100	98
4	SOLSTICE	3 oz/a		B					
4	CADET	0.9 oz/a		B					
4	ROUNDUP POWERMAX	32 fl oz/a		B					
4	N PAK AMS	2.5 % v/v		B					
4	MUSTANG MAX	2.56 oz/a		B					
5	ANTHEM	8 fl oz/a		B	89	95	100	96	100
5	STANZA	3 oz/a		B					
5	ROUNDUP POWERMAX	32 fl oz/a		B					
5	N PAK AMS	2.5 % v/v		B					
5	MUSTANG MAX	2.56 oz/a		B					
6	ANTHEM ATZ	32 fl oz/a		B	99	100	100	100	100
6	STANZA	3 oz/a		B					
6	ROUNDUP POWERMAX	32 fl oz/a		B					
6	N PAK AMS	2.5 % v/v		B					
6	MUSTANG MAX	2.56 oz/a		B					

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed							
Pest Code	CHEAL	AMARE	ABUTH	POLPY	SIDSP							
Pest Scientific Name	Chenopodium al>	Amaranthus ret>	Abutilon theop>	Persicaria pen>	Sida spinosa							
Pest Name	Common lambsqu>	Redroot pigweed	velvetleaf	Pennsylvania s>	Prickly sida							
Crop Code												
BBCH Scale												
Crop Scientific Name												
Crop Name												
Rating Date	Jun-24-2014	Jun-24-2014	Jun-24-2014	Jun-24-2014	Jun-24-2014							
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO							
Rating Unit	%	%	%	%	%							
Number of Subsamples	1	1	1	1	1							
SE Group No.	16	17	18	19	20							
Days After First/Last Applic.	59 28	59 28	59 28	59 28	59 28							
Trt-Eval Interval	28 DA-B	28 DA-B	28 DA-B	28 DA-B	28 DA-B							
Plant-Eval Interval	59 DP-1	59 DP-1	59 DP-1	59 DP-1	59 DP-1							
Days After Emergence	43 DE-1	43 DE-1	43 DE-1	43 DE-1	43 DE-1							
ARM Action Codes		AA										
Number of Decimals	0	0	0	0	0							
Trt Treatment	Rate	Appl	16		17		18		19		20	
No. Name	Rate Unit	Code										
7 ANTHEM ATZ	32 fl oz/a	B	100	100	100	100	100	100	100	100	100	
7 SOLSTICE	3 oz/a	B										
7 ROUNDUP POWERMAX	32 fl oz/a	B										
7 N PAK AMS	2.5 % v/v	B										
7 MUSTANG MAX	2.56 oz/a	B										
8 SOLSTICE	3 oz/a	B	90	95	100	100	100	100	100	100	80	
8 AAtrex	16 oz/a	B										
8 ROUNDUP POWERMAX	32 fl oz/a	B										
8 N PAK AMS	2.5 % v/v	B										
8 MUSTANG MAX	2.56 oz/a	B										
9 SOLSTICE	3 oz/a	B	73	67	100	100	100	100	100	100	75	
9 ROUNDUP POWERMAX	32 fl oz/a	B										
9 AMMONIUM SULFATE	8.5 lb ai/100 gal	B										
9 MUSTANG MAX	2.56 oz/a	B										
10 ARMEZON	0.75 oz/a	B	70	50	100	100	100	100	100	100	40	
10 ROUNDUP POWERMAX	32 fl oz/a	B										
10 N PAK AMS	2.5 % v/v	B										
10 MUSTANG MAX	2.56 oz/a	B										
11 REALM Q	4 oz/a	B	88	81	100	100	100	100	100	100	66	
11 Rimsulfuron	1.2 oz/a	B										
11 Mesotrione	2.5 oz/a	B										
11 Isoxadifen-Ethyl	0.3 oz/a	B										
11 ROUNDUP POWERMAX	32 fl oz/a	B										
11 N PAK AMS	2.5 % v/v	B										
11 MUSTANG MAX	2.56 oz/a	B										
12 CORVUS	5.9 oz/a	B	100	100	100	100	100	100	100	100	100	
12 AATREX	32 fl oz/a	B										
12 MUSTANG MAX	2.56 oz/a	B										
13 LUMAX EZ	2.7 qt/a	B	100	100	100	100	100	100	100	100	100	
13 MUSTANG MAX	2.56 oz/a	B										
14 Untreated Check			0	0	0	0	0	0	0	0	0	
LSD (P=.05)			15.1	18.4t	5.2	8.3	19.0					
Standard Deviation			10.6	12.9t	3.6	5.8	13.3					
CV			12.8	18.58	3.94	6.32	17.78					
Bartlett's X2			14.007	4.333	2.203	2.203	13.379					
P(Bartlett's X2)			0.082	0.826	0.138	0.138	0.063					
Skewness			-2.1121*	-1.3455*	-3.3249*	-3.2068*	-1.1789*					
Kurtosis			3.9732*	1.1937	9.5719*	8.8892*	0.2092					
Replicate F			2.998	2.301	0.757	0.757	4.645					
Replicate Prob(F)			0.0422	0.0922	0.5252	0.5252	0.0072					
Treatment F			24.386	14.256	214.866	83.815	21.318					
Treatment Prob(F)			0.0001	0.0001	0.0001	0.0001	0.0001					

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	IPOHE	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Ipomoea hederata>	Setaria faberi	Ambrosia trifida>	Chenopodium album>	Amaranthus retrofractus>
Pest Name	Ivyleaf morning glory>	Giant foxtail	Giant ragweed	Common lambsquarters>	Redroot pigweed
Crop Code					
BBCH Scale					
Crop Scientific Name					
Crop Name					
Rating Date	Jun-24-2014	Jul-22-2014	Jul-22-2014	Jul-22-2014	Jul-22-2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
SE Group No.	21	22	23	24	25
Days After First/Last Applic.	59 28	87 56	87 56	87 56	87 56
Trt-Eval Interval	28 DA-B	56 DA-B	56 DA-B	56 DA-B	56 DA-B
Plant-Eval Interval	59 DP-1	87 DP-1	87 DP-1	87 DP-1	87 DP-1
Days After Emergence	43 DE-1	71 DE-1	71 DE-1	71 DE-1	71 DE-1
ARM Action Codes	ER1				
Number of Decimals	0	0	0	0	0

Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	21	22	23	24	25
1	1 ANTHEM	8 fl oz/a	A		35	78	63	76	85
	1 CADET	0.9 oz/a	B						
	1 ROUNDUP POWERMAX	32 fl oz/a	B						
	1 N PAK AMS	2.5 % v/v	B						
	1 MUSTANG MAX	2.56 oz/a	B						
2	2 ANTHEM ATZ	32 fl oz/a	A		33	76	64	83	86
	2 CADET	0.9 oz/a	B						
	2 ROUNDUP POWERMAX	32 fl oz/a	B						
	2 N PAK AMS	2.5 % v/v	B						
	2 MUSTANG MAX	2.56 oz/a	B						
3	3 ANTHEM	8 fl oz/a	A		66	80	85	100	100
	3 STANZA	3 oz/a	B						
	3 CADET	0.9 oz/a	B						
	3 ROUNDUP POWERMAX	32 fl oz/a	B						
	3 N PAK AMS	2.5 % v/v	B						
	3 MUSTANG MAX	2.56 oz/a	B						
4	4 ANTHEM ATZ	32 fl oz/a	A		50	79	71	100	93
	4 SOLSTICE	3 oz/a	B						
	4 CADET	0.9 oz/a	B						
	4 ROUNDUP POWERMAX	32 fl oz/a	B						
	4 N PAK AMS	2.5 % v/v	B						
	4 MUSTANG MAX	2.56 oz/a	B						
5	5 ANTHEM	8 fl oz/a	B		73	86	81	94	95
	5 STANZA	3 oz/a	B						
	5 ROUNDUP POWERMAX	32 fl oz/a	B						
	5 N PAK AMS	2.5 % v/v	B						
	5 MUSTANG MAX	2.56 oz/a	B						
6	6 ANTHEM ATZ	32 fl oz/a	B		59	88	88	100	100
	6 STANZA	3 oz/a	B						
	6 ROUNDUP POWERMAX	32 fl oz/a	B						
	6 N PAK AMS	2.5 % v/v	B						
	6 MUSTANG MAX	2.56 oz/a	B						

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	IPOHE	SETFA	AMBTR	CHEAL	AMARE
Pest Scientific Name	Ipomoea hederata>	Setaria faberi	Ambrosia trifi>	Chenopodium al>	Amaranthus ret>
Pest Name	Ivyleaf mornin>	Giant foxtail	Giant ragweed	Common lambsqu>	Redroot pigweed
Crop Code					
BBCH Scale					
Crop Scientific Name					
Crop Name					
Rating Date	Jun-24-2014	Jul-22-2014	Jul-22-2014	Jul-22-2014	Jul-22-2014
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%
Number of Subsamples	1	1	1	1	1
SE Group No.	21	22	23	24	25
Days After First/Last Applic.	59 28	87 56	87 56	87 56	87 56
Trt-Eval Interval	28 DA-B	56 DA-B	56 DA-B	56 DA-B	56 DA-B
Plant-Eval Interval	59 DP-1	87 DP-1	87 DP-1	87 DP-1	87 DP-1
Days After Emergence	43 DE-1	71 DE-1	71 DE-1	71 DE-1	71 DE-1
ARM Action Codes	ER1				
Number of Decimals	0	0	0	0	0

Trt Treatment No. Name	Rate Rate Unit	Appl Code	21	22	23	24	25
7 ANTHEM ATZ	32 fl oz/a	B	61	96	84	100	100
7 SOLSTICE	3 oz/a	B					
7 ROUNDUP POWERMAX	32 fl oz/a	B					
7 N PAK AMS	2.5 % v/v	B					
7 MUSTANG MAX	2.56 oz/a	B					
8 SOLSTICE	3 oz/a	B	28	68	78	100	95
8 AAtrex	16 oz/a	B					
8 ROUNDUP POWERMAX	32 fl oz/a	B					
8 N PAK AMS	2.5 % v/v	B					
8 MUSTANG MAX	2.56 oz/a	B					
9 SOLSTICE	3 oz/a	B	28	58	63	83	78
9 ROUNDUP POWERMAX	32 fl oz/a	B					
9 AMMONIUM SULFATE	8.5 lb ai/100 gal	B					
9 MUSTANG MAX	2.56 oz/a	B					
10 ARMEZON	0.75 oz/a	B	25	60	63	79	70
10 ROUNDUP POWERMAX	32 fl oz/a	B					
10 N PAK AMS	2.5 % v/v	B					
10 MUSTANG MAX	2.56 oz/a	B					
11 REALM Q	4 oz/a	B	30	75	70	95	88
11 Rimsulfuron	1.2 oz/a	B					
11 Mesotrione	2.5 oz/a	B					
11 Isoxadifen-Ethyl	0.3 oz/a	B					
11 ROUNDUP POWERMAX	32 fl oz/a	B					
11 N PAK AMS	2.5 % v/v	B					
11 MUSTANG MAX	2.56 oz/a	B					
12 CORVUS	5.9 oz/a	B	65	73	99	100	100
12 AATREX	32 fl oz/a	B					
12 MUSTANG MAX	2.56 oz/a	B					
13 LUMAX EZ	2.7 qt/a	B	88	0	100	100	100
13 MUSTANG MAX	2.56 oz/a	B					
14 Untreated Check			0	0	0	0	0
LSD (P=.05)			28.6	10.9	11.7	11.8	14.7
Standard Deviation			20.0	7.6	8.2	8.2	10.3
CV			43.92	11.63	11.38	9.53	12.13
Bartlett's X2			10.195	9.125	19.325	5.415	7.868
P(Bartlett's X2)			0.599	0.61	0.056	0.367	0.344
Skewness			-0.0787	-1.4584*	-1.6159*	-2.5149*	-2.2843*
Kurtosis			-1.5436*	0.9784	2.9069*	5.7698*	4.7078*
Replicate F			22.261	0.920	2.779	1.977	3.013
Replicate Prob(F)			0.0001	0.4402	0.0538	0.1333	0.0415
Treatment F			5.674	60.223	35.387	41.159	25.813
Treatment Prob(F)			0.0001	0.0001	0.0001	0.0001	0.0001

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Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	26	27	28	29
1	ANHEM	8 fl oz/a		A	100	100	68	63
1	CADET	0.9 oz/a		B				
1	ROUNDUP POWERMAX	32 fl oz/a		B				
1	N PAK AMS	2.5 % v/v		B				
1	MUSTANG MAX	2.56 oz/a		B				
2	ANHEM ATZ	32 fl oz/a		A	88	98	63	58
2	CADET	0.9 oz/a		B				
2	ROUNDUP POWERMAX	32 fl oz/a		B				
2	N PAK AMS	2.5 % v/v		B				
2	MUSTANG MAX	2.56 oz/a		B				
3	ANHEM	8 fl oz/a		A	95	95	100	76
3	STANZA	3 oz/a		B				
3	CADET	0.9 oz/a		B				
3	ROUNDUP POWERMAX	32 fl oz/a		B				
3	N PAK AMS	2.5 % v/v		B				
3	MUSTANG MAX	2.56 oz/a		B				
4	ANHEM ATZ	32 fl oz/a		A	100	100	93	80
4	SOLSTICE	3 oz/a		B				
4	CADET	0.9 oz/a		B				
4	ROUNDUP POWERMAX	32 fl oz/a		B				
4	N PAK AMS	2.5 % v/v		B				
4	MUSTANG MAX	2.56 oz/a		B				
5	ANHEM	8 fl oz/a		B	100	98	90	69
5	STANZA	3 oz/a		B				
5	ROUNDUP POWERMAX	32 fl oz/a		B				
5	N PAK AMS	2.5 % v/v		B				
5	MUSTANG MAX	2.56 oz/a		B				
6	ANHEM ATZ	32 fl oz/a		B	100	100	100	73
6	STANZA	3 oz/a		B				
6	ROUNDUP POWERMAX	32 fl oz/a		B				
6	N PAK AMS	2.5 % v/v		B				
6	MUSTANG MAX	2.56 oz/a		B				

# The Ohio State University

Pest Type	W Weed	W Weed	W Weed	W Weed		
Pest Code	ABUTH	POLPY	SIDSP	IPHOE		
Pest Scientific Name	Abutilon theop>	Persicaria pen>	Sida spinosa	Ipomoea hедера>		
Pest Name	velvetleaf	Pennsylvania s>	Prickly sida	Ivyleaf mornin>		
Crop Code						
BBCH Scale						
Crop Scientific Name						
Crop Name						
Rating Date	Jul-22-2014	Jul-22-2014	Jul-22-2014	Jul-22-2014		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%		
Number of Subsamples	1	1	1	1		
SE Group No.	26	27	28	29		
Days After First/Last Applic.	87 56	87 56	87 56	87 56		
Trt-Eval Interval	56 DA-B	56 DA-B	56 DA-B	56 DA-B		
Plant-Eval Interval	87 DP-1	87 DP-1	87 DP-1	87 DP-1		
Days After Emergence	71 DE-1	71 DE-1	71 DE-1	71 DE-1		
ARM Action Codes						
Number of Decimals	0	0	0	0		
Trt Treatment	Rate	Appl	26	27	28	29
No. Name	Rate Unit	Code				
7 ANTHEM ATZ	32 fl oz/a	B	100	100	100	80
7 SOLSTICE	3 oz/a	B				
7 ROUNDUP POWERMAX	32 fl oz/a	B				
7 N PAK AMS	2.5 % v/v	B				
7 MUSTANG MAX	2.56 oz/a	B				
8 SOLSTICE	3 oz/a	B	100	100	90	58
8 AAtrex	16 oz/a	B				
8 ROUNDUP POWERMAX	32 fl oz/a	B				
8 N PAK AMS	2.5 % v/v	B				
8 MUSTANG MAX	2.56 oz/a	B				
9 SOLSTICE	3 oz/a	B	100	100	75	25
9 ROUNDUP POWERMAX	32 fl oz/a	B				
9 AMMONIUM SULFATE	8.5 lb ai/100 gal	B				
9 MUSTANG MAX	2.56 oz/a	B				
10 ARMEZON	0.75 oz/a	B	95	95	60	60
10 ROUNDUP POWERMAX	32 fl oz/a	B				
10 N PAK AMS	2.5 % v/v	B				
10 MUSTANG MAX	2.56 oz/a	B				
11 REALM Q	4 oz/a	B	100	100	80	45
11 Rimsulfuron	1.2 oz/a	B				
11 Mesotrione	2.5 oz/a	B				
11 Isoxadifen-Ethyl	0.3 oz/a	B				
11 ROUNDUP POWERMAX	32 fl oz/a	B				
11 N PAK AMS	2.5 % v/v	B				
11 MUSTANG MAX	2.56 oz/a	B				
12 CORVUS	5.9 oz/a	B	100	100	100	85
12 AATREX	32 fl oz/a	B				
12 MUSTANG MAX	2.56 oz/a	B				
13 LUMAX EZ	2.7 qt/a	B	100	100	100	100
13 MUSTANG MAX	2.56 oz/a	B				
14 Untreated Check			0	0	0	0
LSD (P=.05)			7.6	6.1	13.7	19.1
Standard Deviation			5.3	4.3	9.6	13.4
CV			5.82	4.66	11.98	21.55
Bartlett's X2			0.687	2.6	3.577	12.464
P(Bartlett's X2)			0.709	0.457	0.734	0.255
Skewness			-3.1598*	-3.2876*	-1.6504*	-0.9468*
Kurtosis			8.7501*	9.4104*	2.4512*	0.3455
Replicate F			2.093	0.650	3.313	9.477
Replicate Prob(F)			0.1169	0.5877	0.0298	0.0001
Treatment F			99.810	153.180	32.450	14.635
Treatment Prob(F)			0.0001	0.0001	0.0001	0.0001

# The Ohio State University

2014/CORN/ANTHEM/ANTHEM ATZ/PRE-POST /EAST

Trial ID: 14EPOC1      Location: Western Branch      Trial Year: 2014  
Protocol ID: 14EPOC1      Investigator: Dr. Mark M. Loux  
Project ID:      Study Director: Anthony Dobbels  
Sponsor Contact: Joe Reed, FMC

Pest Type

W, Weed, G-BYRW7, G-WedStg = Weed or volunteer crop

Pest Code

SETFA, Setaria faberi, = US  
AMBTR, Ambrosia trifida, = US  
CHEAL, Chenopodium album, = US  
AMARE, Amaranthus retroflexus, = US  
POLPY, Persicaria pensylvanica, = US  
ABUTH, Abutilon theophrasti, = US  
SIDSP, Sida spinosa, = US  
IPOHE, Ipomoea hederacea, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

CONTRO = control / burndown or knockdown  
PHYNEC = phytotoxicity - necrosis /burn  
PHYGEN = phytotoxicity - general / injury

Rating Unit

% = percent

Plant-Eval Interval

31 DP-1 = 1 ZEAMX Apr-26-2014  
44 DP-1 = 1 ZEAMX Apr-26-2014  
59 DP-1 = 1 ZEAMX Apr-26-2014  
87 DP-1 = 1 ZEAMX Apr-26-2014

ARM Action Codes

AA = Automatic arcsine square root % transformation