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2012/CORN/ANTHEM/ANTHEM ATZ/EAST

Trial ID: 13S-THP-CTC-07 Protocol ID: 13S-THP-CTC-07
 Location: Throckmorton Study Director:
 Project ID: PYRX.COR.13.JPR.01 b Investigator: Dr. Bill Johnson
 Sponsor Contact: FMC - Joe Reed

General Trial Information

Investigator: Dr. Bill Johnson **Title:** Professor

Discipline: H herbicide
Trial Status: E established
Initiation Date: Mar-18-2013

Trial Location

City: Lafayette
State/Prov.: IN
Postal Code: 47909
Country: USA

Personnel

Investigator: Dr. Bill Johnson **Title:** Professor
Affiliation: Purdue University
Address: 915 W State Street
Location: West Lafayette, IN, USA
Postal Code: 47907 **E-mail:** wgj@purdue.edu
Phone No.: 765-494-4656 **Mobile No.:** 765-404-9801

Cooperator/Landowner

Cooperator: Throckmorton Purdue Ag Center **Role:** Purdue Ag Center
Organization: Purdue University
Address 1: 8343 US 231 S
City: Lafayette
State/Prov: IN
Postal Code: 47909 **E-mail:** jayyoung@purdue.edu
Country: USA United States
Phone No.: 765-538-3422
Fax No.: 765-538-3423

Crop Description

Crop 1: ZEAMD Zea mays indentata Dent corn
Variety: DEKALB DKC61-21 **Description:** LL/RR
BBCH Scale: BCOR **Planting Date:** May-9-2013
Planting Method: SEEDED seeded **Rate, Unit:** 32000 S/A
Depth, Unit: 1.5 IN
Row Spacing, Unit: 30 IN
Soil Temperature, Unit: 72 F
Soil Moisture: WET wet **Emergence Date:** May-18-2013

Pest Description

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

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

Pest 3 Type: W **Code:** ABUTH Abutilon theophrasti
Common Name: velvetleaf

Pest 4 Type: W **Code:** CHEAL Chenopodium album
Common Name: Common lambsquarters

Site and Design

Plot Width, Unit: 10 FT **Site Type:** FIELD field
Plot Length, Unit: 30 FT **Experimental Unit:** 1 PLOT plot
Plot Area, Unit: 300 FT2 **Tillage Type:** CONTIL conventional-till
Replications: 4 **Study Design:** RACOB� Randomized Complete Block (RCB)
Untreated Arrangement: INCLUDED single control randomized in each block

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Soil Description

Description Name: TPAC - Field 4B
% OM: 2.9 **Texture:** SIL silt loam
pH: 6.2 **Soil Name:** Toronto-Millbrook
CEC: 13.3

Application Description

	A	B
Application Date:	May-9-2013	Jun-4-2013
Time of Day:	AM	AM
Application Method:	SPRAY	SPRAY
Application Timing:	ATPLAN	EAPOCR
Application Placement:	SOIL	SOIL
Applied By:	MW	MW
Air Temperature, Unit:	73 F	73 F
% Relative Humidity:	49	52
Wind Velocity, Unit:	6.3 MPH	3.3 MPH
Wind Direction:	SW	E
Dew Presence (Y/N):	Y yes	N no
Soil Temperature, Unit:	69 F	72 F
Soil Moisture:	DRY	WET
% Cloud Cover:	95	15

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	ZEAMD BCOR	ZEAMD BCOR
Stage Scale Used:		V3

Pest Stage At Each Application

	A	B
Pest 1 Code, Type, Scale:	SETFA W	SETFA W
Height, Unit:		2.5 IN
Density, Unit:		10 FT2
Pest 2 Code, Type, Scale:	AMBTR W	AMBTR W
Height, Unit:		3 IN
Density, Unit:		13 YD2
Pest 3 Code, Type, Scale:	ABUTH W	ABUTH W
Height, Unit:		1.5 IN
Density, Unit:		2 YD2
Pest 4 Code, Type, Scale:	CHEAL W	CHEAL W
Height, Unit:		1 IN
Density, Unit:		5 YD2

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Application Equipment

	A	B
Appl. Equipment:	CO2 FORD	CO2 FORD
Equipment Type:	SPTRMO	SPTRMO
Nozzle Type:	FLAT FAN	FLAT FAN
Nozzle Size:	XR 100 02	XR 100 02
Nozzle Spacing, Unit:	20 IN	20 IN
Nozzles/Row:	6	6
Boom Length, Unit:	10 FT	10 FT
Boom Height, Unit:	20 IN	20 IN
Ground Speed, Unit:	2.1 MPH	2.1 MPH
Carrier:	MEIGS	MEIGS
Spray Volume, Unit:	20 gal/ac	20 gal/ac
Mix Size, Unit:	2.5 liters	2.5 liters
Propellant:	CO2	CO2

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2012/CORN/ANTHEM/ANTHEM ATZ/EAST

Trial ID: 13S-THP-CTC-07 Protocol ID: 13S-THP-CTC-07
 Location: Throckmorton Study Director:
 Project ID: PYRX.COR.13.JPR.01 b Investigator: Dr. Bill Johnson
 Sponsor Contact: FMC - Joe Reed

Reps: 4 Plots: 10 by 30 feet
 Spray vol: 20 gal/ac Mix size: 2.5 liters (min 2.0856)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Unit	Other Rate	Other Unit	Growth Stage	Appl Code	Appl Description	Amt Product to Measure	Rep 1	2	3	4
1	Untreated Check												101	405	702	805
2	ANTHEM	2.15 LB/GAL	SE		2.15 oz ai/a		8 fl oz/a		ATPLAN A			7.812 ml/mx	102	404	602	804
	CADET	0.91 LB/GAL	EC		0.102 oz ai/a		0.9 oz/a		EAPOCR B	V3 Corn		0.8756 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
3	ANTHEM ATZ	4.5 LB/GAL	SE		1.13 lb ai/a		32 fl oz/a		ATPLAN A			31.39 ml/mx	104	502	704	901
	CADET	0.91 LB/GAL	EC		0.9 oz/a		0.9 oz/a		EAPOCR B	V3 Corn		0.8789 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
4	ANTHEM ATZ	4.5 LB/GAL	SE		1.13 lb ai/a		32 fl oz/a		ATPLAN A			31.39 ml/mx	105	402	605	904
	Atrazine	4 LBA/GAL	F		0.5 lb ai/a		0.5 qt/a		ATPLAN A			15.62 ml/mx				
	CADET	0.91 LB/GAL	EC		0.102 oz ai/a		0.9 oz/a		EAPOCR B	V3 Corn		0.8756 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
5	ANTHEM ATZ	4.5 LB/GAL	SE		1.13 lb ai/a		32 fl oz/a		ATPLAN A			31.39 ml/mx	201	505	705	905
	Atrazine	4 LBA/GAL	F		0.5 lb ai/a		0.5 qt/a		EAPOCR B	V3 Corn		15.62 ml/mx				
	CADET	0.91 LB/GAL	EC		0.102 oz ai/a		0.9 oz/a		EAPOCR B	V3 Corn		0.8756 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
6	ANTHEM	2.15 LB/GAL	SE		2.15 oz ai/a		8 fl oz/a		ATPLAN A			7.812 ml/mx	202	501	802	1005
	F9387-1	4 LB/GAL	SC		1.5 oz ai/a		3 oz/a		EAPOCR B	V3 Corn		2.929 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
7	ANTHEM ATZ	4.5 LB/GAL	SE		1.13 lb ai/a		32 fl oz/a		ATPLAN A			31.39 ml/mx	204	401	601	902
	F9387-1	4 LB/GAL	SC		1.5 oz ai/a		3 oz/a		EAPOCR B	V3 Corn		2.929 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
8	ANTHEM ATZ	4.5 LB/GAL	SE		1.13 lb ai/a		32 fl oz/a		ATPLAN A			31.39 ml/mx	205	305	604	1004
	SHARPEN	2.85 LB/GAL	SC		2 oz/a		2 fl oz/a		ATPLAN A			1.953 ml/mx				
	MSO	100 %	L		8 oz/a		8 oz/a		ATPLAN A			7.812 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		22 fl oz/a		22 fl oz/a		EAPOCR B	V3 Corn		21.48 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
9	VERDICT	5.57 LB/GAL	EC		0.61 lb ai/a		14 oz/a		ATPLAN A			13.69 ml/mx	301	304	701	1001
	MSO	100 %	L		8 oz/a		8 oz/a		ATPLAN A			7.812 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
10	BICEP LITE II MAGNUM	6 LB/GAL	SC		2.85 lb ai/a		1.9 qt/a		ATPLAN A			59.37 ml/mx	302	504	801	1002
	CALLISTO	4 LB/GAL	SC		1.5 oz ai/a		3 oz/a		EAPOCR B	V3 Corn		2.929 ml/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
11	LUMAX	3.96 LB/GAL	SE		2.48 lb ai/a		2.5 qt/a		ATPLAN A			78.27 ml/mx	103	403	606	1006
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
12	ANTHEM ATZ	4.5 LB/GAL	SE		1.13 lb ai/a		32 fl oz/a		ATPLAN A			31.39 ml/mx	106	306	706	903
	HORNET	78.5 %W/W	WDG		2.36 oz ai/a		3 oz/a		ATPLAN A			2.814 g/mx				
	ROUNDUP POWERMAX	5.5 LB/GAL	SL		0.95 lb ai/a		22 fl oz/a		EAPOCR B	V3 Corn		21.59 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				
13	SURESTART	4.25 LB/GAL	SE		1.06 lb ai/a		2 pt/a		ATPLAN A			31.17 ml/mx	203	506	603	906
	Durango DMA (4 SL)	4 LBAE/GAL	SL		0.75 lb ae/a		1.5 pt/a		EAPOCR B	V3 Corn		23.43 ml/mx				
	AMS - Liquid	3.4 LB/GAL	SL		8.5 lb ai/100 gal		10 qt/100 gal		EAPOCR B	V3 Corn		62.49 ml/mx				

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Reps: 4

Plots: 10 by 30 feet

Spray vol: 20 gal/ac

Mix size: 2.5 liters (min 2.0856)

Trt No.	Treatment Name	Form Conc	Form Unit	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate	Unit	Growth Stage	Appl Code	Appl Description	Amt Product to Measure	Rep 1	2	3	4
14	SURESTART	4.25	LB/GAL	SE	1.33	lb ai/a	2.5	pt/a		ATPLAN	A		39.11 ml/mx	206	406	803	806
	Durango DMA (4 SL)	4	LBAE/GAL	SL	0.75	lb ae/a	1.5	pt/a		EAPOCR	B	V3 Corn	23.43 ml/mx				
	AMS - Liquid	3.4	LB/GAL	SL	8.5	lb ai/100 gal	10	qt/100 gal		EAPOCR	B	V3 Corn	62.49 ml/mx				
15	SURESTART	4.25	LB/GAL	SE	1.33	lb ai/a	2.5	pt/a		ATPLAN	A		39.11 ml/mx	303	503	703	1003
	Atrazine	4	LBA/GAL	F	1	lb ai/a	2	pt/a		ATPLAN	A		31.25 ml/mx				
	Durango DMA (4 SL)	4	LBAE/GAL	SL	0.75	lb ae/a	1.5	pt/a		EAPOCR	B	V3 Corn	23.43 ml/mx				
	AMS - Liquid	3.4	LB/GAL	SL	8.5	lb ai/100 gal	10	qt/100 gal		EAPOCR	B	V3 Corn	62.49 ml/mx				

Sort Order: Treatment

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Trial ID: 13S-THP-CTC-07 Protocol ID: 13S-THP-CTC-07
 Location: Throckmorton Study Director:
 Project ID: PYRX.COR.13.JPR.01 b Investigator: Dr. Bill Johnson
 Sponsor Contact: FMC - Joe Reed

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed		
Pest Code	SETFA	AMBTR	ABUTH	CHEAL	SETFA	AMBTR		
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Abutilon theop>	Chenopodium al>	Setaria faberi	Ambrosia trifi>		
Pest Name	Giant foxtail	Giant ragweed	velvetleaf	Common lambsqu>	Giant foxtail	Giant ragweed		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn		
Rating Date	May-29-2013	May-29-2013	May-29-2013	May-29-2013	Jun-3-2013	Jun-3-2013		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1		
Crop Stage Majority								
Pest Stage Majority	1 IN	1-3 IN	.5 IN	.5 IN	3 IN	5 IN		
Pest Density, Unit	15 YD2	7 YD2	1 YD2	3 YD2	5 FT2	4 YD2		
Assessed By	BM/GJT	BM/GJT	BM/GJT	BM/GJT	BM/GJT	BM/GJT		
Days After First/Last Applic.	20 20	20 20	20 20	20 20	25 25	25 25		
Plant-Eval Interval	20 DP-1	20 DP-1	20 DP-1	20 DP-1	25 DP-1	25 DP-1		
Days After Emergence	11 DE-1	11 DE-1	11 DE-1	11 DE-1	16 DE-1	16 DE-1		
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code Plot	1	2	3	4	5	6
1 Untreated Check		101	0.0	0.0	0.0	0.0	0.0	0.0
		405	0.0	0.0	0.0	0.0	0.0	0.0
		702	0.0	0.0	0.0	0.0	0.0	0.0
		805	0.0	0.0	0.0	0.0	0.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2 ANTHEM	2.15 oz ai/a	A 102	95.0	70.0	90.0	99.0	95.0	10.0
CADET	0.102 oz ai/a	B 404	50.0	95.0	95.0	99.0	60.0	70.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 602	97.0	85.0	99.0	99.0	90.0	65.0
AMS - Liquid	8.5 lb ai/100 gal	B 804	97.0	95.0	97.0	97.0	85.0	65.0
		Mean =	84.8	86.3	95.3	98.5	82.5	52.5
3 ANTHEM ATZ	1.13 lb ai/a	A 104	90.0	20.0	90.0	99.0	90.0	0.0
CADET	0.9 oz/a	B 502	95.0	50.0	97.0	99.0	85.0	50.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 704	90.0	80.0	99.0	99.0	70.0	50.0
AMS - Liquid	8.5 lb ai/100 gal	B 901	97.0	95.0	99.0	99.0	95.0	60.0
		Mean =	93.0	61.3	96.3	99.0	85.0	40.0
4 ANTHEM ATZ	1.13 lb ai/a	A 105	95.0	60.0	99.0	99.0	85.0	40.0
Atrazine	0.5 lb ai/a	A 402	95.0	95.0	99.0	99.0	95.0	95.0
CADET	0.102 oz ai/a	B 605	95.0	90.0	95.0	99.0	90.0	85.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 904	97.0	95.0	97.0	99.0	90.0	80.0
AMS - Liquid	8.5 lb ai/100 gal	B						
		Mean =	95.5	85.0	97.5	99.0	90.0	75.0
5 ANTHEM ATZ	1.13 lb ai/a	A 201	97.0	97.0	95.0	99.0	97.0	85.0
Atrazine	0.5 lb ai/a	B 505	95.0	87.0	99.0	99.0	95.0	65.0
CADET	0.102 oz ai/a	B 705	95.0	90.0	95.0	97.0	85.0	70.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 905	95.0	97.0	97.0	95.0	95.0	80.0
AMS - Liquid	8.5 lb ai/100 gal	B						
		Mean =	95.5	92.8	96.5	97.5	93.0	75.0

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	ABUTH	CHEAL	SETFA	AMBTR
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Abutilon theop>	Chenopodium al>	Setaria faberi	Ambrosia trifi>
Pest Name	Giant foxtail	Giant ragweed	velvetleaf	Common lambsqu>	Giant foxtail	Giant ragweed
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Rating Date	May-29-2013	May-29-2013	May-29-2013	May-29-2013	Jun-3-2013	Jun-3-2013
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1
Crop Stage Majority						
Pest Stage Majority	1 IN	1-3 IN	.5 IN	.5 IN	3 IN	5 IN
Pest Density, Unit	15 YD2	7 YD2	1 YD2	3 YD2	5 FT2	4 YD2
Assessed By	BM/GJT	BM/GJT	BM/GJT	BM/GJT		
Days After First/Last Applic.	20 20	20 20	20 20	20 20	25 25	25 25
Plant-Eval Interval	20 DP-1	20 DP-1	20 DP-1	20 DP-1	25 DP-1	25 DP-1
Days After Emergence	11 DE-1	11 DE-1	11 DE-1	11 DE-1	16 DE-1	16 DE-1

Trt No.	Treatment Name	Rate	Unit	Appl Code	Plot	1	2	3	4	5	6
6	ANTHEM	2.15 oz ai/a		A	202	95.0	85.0	97.0	99.0	95.0	30.0
	F9387-1	1.5 oz ai/a		B	501	95.0	90.0	99.0	99.0	90.0	70.0
	ROUNDUP POWERMAX	0.95 lb ai/a		B	802	95.0	85.0	99.0	97.0	90.0	40.0
	AMS - Liquid	8.5 lb ai/100 gal		B	1005	90.0	90.0	97.0	85.0	75.0	40.0
					Mean =	93.8	87.5	98.0	95.0	87.5	45.0
7	ANTHEM ATZ	1.13 lb ai/a		A	204	95.0	85.0	95.0	99.0	95.0	70.0
	F9387-1	1.5 oz ai/a		B	401	95.0	90.0	99.0	99.0	97.0	90.0
	ROUNDUP POWERMAX	0.95 lb ai/a		B	601	97.0	85.0	99.0	99.0	95.0	40.0
	AMS - Liquid	8.5 lb ai/100 gal		B	902	97.0	95.0	97.0	99.0	90.0	50.0
					Mean =	96.0	88.8	97.5	99.0	94.3	62.5
8	ANTHEM ATZ	1.13 lb ai/a		A	205	90.0	95.0	99.0	99.0	85.0	90.0
	SHARPEN	2 oz/a		A	305	95.0	95.0	97.0	99.0	97.0	95.0
	MSO	8 oz/a		A	604	95.0	95.0	99.0	99.0	95.0	95.0
	ROUNDUP POWERMAX	22 fl oz/a		B	1004	90.0	95.0	99.0	99.0	65.0	85.0
	AMS - Liquid	8.5 lb ai/100 gal		B							
					Mean =	92.5	95.0	98.5	99.0	85.5	91.3
9	VERDICT	0.61 lb ai/a		A	301	97.0	97.0	99.0	99.0	90.0	90.0
	MSO	8 oz/a		A	304	97.0	95.0	97.0	99.0	95.0	90.0
	ROUNDUP POWERMAX	0.95 lb ai/a		B	701	97.0	97.0	99.0	99.0	95.0	85.0
	AMS - Liquid	8.5 lb ai/100 gal		B	1001	90.0	97.0	99.0	99.0	85.0	85.0
					Mean =	95.3	96.5	98.5	99.0	91.3	87.5
10	BICEP LITE II MAGNUM	2.85 lb ai/a		A	302	97.0	85.0	97.0	99.0	97.0	60.0
	CALLISTO	1.5 oz ai/a		B	504	90.0	75.0	95.0	99.0	85.0	80.0
	ROUNDUP POWERMAX	0.95 lb ai/a		B	801	95.0	95.0	99.0	99.0	85.0	75.0
	AMS - Liquid	8.5 lb ai/100 gal		B	1002	95.0	75.0	99.0	99.0	95.0	35.0
					Mean =	94.3	82.5	97.5	99.0	90.5	62.5
11	LUMAX	2.48 lb ai/a		A	103	87.0	80.0	97.0	99.0	50.0	60.0
	ROUNDUP POWERMAX	0.95 lb ai/a		B	403	80.0	90.0	99.0	99.0	75.0	90.0
	AMS - Liquid	8.5 lb ai/100 gal		B	606	70.0	95.0	99.0	99.0	85.0	90.0
					1006	95.0	95.0	99.0	99.0	90.0	85.0
					Mean =	83.0	90.0	98.5	99.0	75.0	81.3
12	ANTHEM ATZ	1.13 lb ai/a		A	106	80.0	95.0	99.0	99.0	40.0	90.0
	HORNET	2.36 oz ai/a		A	306	87.0	97.0	99.0	99.0	75.0	90.0
	ROUNDUP POWERMAX	0.95 lb ai/a		B	706	95.0	97.0	99.0	99.0	80.0	99.0
	AMS - Liquid	8.5 lb ai/100 gal		B	903	85.0	90.0	97.0	99.0	65.0	65.0
					Mean =	86.8	94.8	98.5	99.0	65.0	86.0

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code	SETFA	AMBTR	ABUTH	CHEAL	SETFA	AMBTR
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Abutilon theop>	Chenopodium al>	Setaria faberi	Ambrosia trifi>
Pest Name	Giant foxtail	Giant ragweed	velvetleaf	Common lambsqu>	Giant foxtail	Giant ragweed
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCB Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Rating Date	May-29-2013	May-29-2013	May-29-2013	May-29-2013	Jun-3-2013	Jun-3-2013
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1
Crop Stage Majority						
Pest Stage Majority	1 IN	1-3 IN	.5 IN	.5 IN	3 IN	5 IN
Pest Density, Unit	15 YD2	7 YD2	1 YD2	3 YD2	5 FT2	4 YD2
Assessed By	BM/GJT	BM/GJT	BM/GJT	BM/GJT		
Days After First/Last Applic.	20 20	20 20	20 20	20 20	25 25	25 25
Plant-Eval Interval	20 DP-1	20 DP-1	20 DP-1	20 DP-1	25 DP-1	25 DP-1
Days After Emergence	11 DE-1	11 DE-1	11 DE-1	11 DE-1	16 DE-1	16 DE-1

Trt Treatment	Rate	Appl	Code	Plot	1	2	3	4	5	6
13 SURESTART	1.06 lb ai/a	A		203	90.0	85.0	97.0	99.0	85.0	70.0
Durango DMA (4 SL)	0.75 lb ae/a	B		506	95.0	97.0	99.0	99.0	90.0	90.0
AMS - Liquid	8.5 lb ai/100 gal	B		603	97.0	97.0	99.0	99.0	97.0	90.0
				906	97.0	97.0	99.0	99.0	95.0	97.0
				Mean =	94.8	94.0	98.5	99.0	91.8	86.8
14 SURESTART	1.33 lb ai/a	A		206	97.0	97.0	99.0	99.0	95.0	90.0
Durango DMA (4 SL)	0.75 lb ae/a	B		406	95.0	97.0	99.0	99.0	90.0	85.0
AMS - Liquid	8.5 lb ai/100 gal	B		803	97.0	97.0	97.0	99.0	90.0	90.0
				806	95.0	97.0	99.0	99.0	90.0	90.0
				Mean =	96.0	97.0	98.5	99.0	91.3	88.8
15 SURESTART	1.33 lb ai/a	A		303	97.0	95.0	99.0	99.0	95.0	85.0
Atrazine	1 lb ai/a	A		503	97.0	95.0	99.0	99.0	97.0	90.0
Durango DMA (4 SL)	0.75 lb ae/a	B		703	95.0	97.0	99.0	99.0	80.0	90.0
AMS - Liquid	8.5 lb ai/100 gal	B		1003	90.0	95.0	99.0	99.0	95.0	90.0
				Mean =	94.8	95.5	99.0	99.0	91.8	88.8

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Pest Type				W Weed	W Weed			W Weed	W Weed						
Pest Code				ABUTH	CHEAL			AMBTR	SETFA						
Pest Scientific Name				Abutilon theop>	Chenopodium al>			Ambrosia trifi>	Setaria faberi						
Pest Name				velvetleaf	Common lambsqu>			Giant ragweed	Giant foxtail						
Crop Code				ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX						
BBCH Scale				BCOR	BCOR	BCOR	BCOR	BCOR	BCOR						
Crop Scientific Name				Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays						
Crop Name				Corn	Corn	Corn	Corn	Corn	Corn						
Rating Date				Jun-3-2013	Jun-3-2013	Jun-3-2013	Jun-12-2013	Jun-12-2013	Jun-12-2013						
Rating Type				CONTRO	CONTRO	PHYGEN	PHYGEN	CONTRO	CONTRO						
Rating Unit				%	%	%	%	%	%						
Number of Subsamples				1	1	1	1	1	1						
Crop Stage Majority								V4	V4						
Pest Stage Majority				2 IN	1.5 IN										
Pest Density, Unit				2 YD2	3 FT2										
Assessed By							TL	TL	TL						
Days After First/Last Applic.				25 25	25 25	25 25	34 8	34 8	34 8						
Plant-Eval Interval				25 DP-1	25 DP-1	25 DP-1	34 DP-1	34 DP-1	34 DP-1						
Days After Emergence				16 DE-1	16 DE-1	16 DE-1	25 DE-1	25 DE-1	25 DE-1						
Trt	Treatment	Rate	Appl	7		8		9		10		11		12	
No.	Name	Rate	Unit	Code	Plot										
1	Untreated Check				101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					405	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					702	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					805	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
					Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	ANTHEM	2.15 oz ai/a	A		102	0.0	0.0	0.0	0.0	0.0	50.0	99.0	99.0	99.0	99.0
	CADET	0.102 oz ai/a	B		404	0.0	80.0	0.0	2.0	50.0	50.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	0.95 lb ai/a	B		602	99.0	99.0	0.0	2.0	70.0	99.0	99.0	99.0	99.0	99.0
	AMS - Liquid	8.5 lb ai/100 gal	B		804	99.0	70.0	0.0	2.0	50.0	99.0	99.0	99.0	99.0	99.0
					Mean =	49.5	62.3	0.0	1.5	55.0	99.0	99.0	99.0	99.0	99.0
3	ANTHEM ATZ	1.13 lb ai/a	A		104	80.0	99.0	0.0	2.0	50.0	99.0	99.0	99.0	99.0	99.0
	CADET	0.9 oz/a	B		502	99.0	99.0	0.0	5.0	50.0	99.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	0.95 lb ai/a	B		704	99.0	99.0	0.0	2.0	50.0	99.0	99.0	99.0	99.0	99.0
	AMS - Liquid	8.5 lb ai/100 gal	B		901	99.0	70.0	0.0	2.0	50.0	99.0	99.0	99.0	99.0	99.0
					Mean =	94.3	91.8	0.0	2.8	50.0	99.0	99.0	99.0	99.0	99.0
4	ANTHEM ATZ	1.13 lb ai/a	A		105	80.0	99.0	0.0	2.0	50.0	99.0	99.0	99.0	99.0	99.0
	Atrazine	0.5 lb ai/a	A		402	99.0	99.0	0.0	2.0	90.0	99.0	99.0	99.0	99.0	99.0
	CADET	0.102 oz ai/a	B		605	70.0	99.0	0.0	5.0	70.0	99.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	0.95 lb ai/a	B		904	99.0	99.0	0.0	2.0	70.0	99.0	99.0	99.0	99.0	99.0
	AMS - Liquid	8.5 lb ai/100 gal	B												
					Mean =	87.0	99.0	0.0	2.8	70.0	99.0	99.0	99.0	99.0	99.0
5	ANTHEM ATZ	1.13 lb ai/a	A		201	99.0	99.0	0.0	5.0	100.0	99.0	99.0	99.0	99.0	99.0
	Atrazine	0.5 lb ai/a	B		505	99.0	99.0	0.0	5.0	50.0	99.0	99.0	99.0	99.0	99.0
	CADET	0.102 oz ai/a	B		705	99.0	99.0	0.0	2.0	50.0	99.0	99.0	99.0	99.0	99.0
	ROUNDUP POWERMAX	0.95 lb ai/a	B		905	99.0	85.0	0.0	5.0	50.0	99.0	99.0	99.0	99.0	99.0
	AMS - Liquid	8.5 lb ai/100 gal	B												
					Mean =	99.0	95.5	0.0	4.3	62.5	99.0	99.0	99.0	99.0	99.0

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	W Weed	W Weed		W Weed	W Weed
Pest Type	ABUTH	CHEAL		AMBTR	SETFA
Pest Code	Abutilon theop>	Chenopodium al>		Ambrosia trifi>	Setaria faberi
Pest Scientific Name	velvetleaf	Common lambsqu>		Giant ragweed	Giant foxtail
Pest Name	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
Crop Code	BCOR	BCOR	BCOR	BCOR	BCOR
BBCH Scale	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Scientific Name	Corn	Corn	Corn	Corn	Corn
Crop Name	Jun-3-2013	Jun-3-2013	Jun-3-2013	Jun-12-2013	Jun-12-2013
Rating Date	CONTRO	CONTRO	PHYGEN	PHYGEN	CONTRO
Rating Type	%	%	%	%	%
Rating Unit	1	1	1	1	1
Number of Subsamples				V4	V4
Crop Stage Majority	2 IN	1.5 IN			
Pest Stage Majority	2 YD2	3 FT2			
Pest Density, Unit				TL	TL
Assessed By	25 25	25 25	25 25	34 8	34 8
Days After First/Last Applic.	25 DP-1	25 DP-1	25 DP-1	34 DP-1	34 DP-1
Plant-Eval Interval	16 DE-1	16 DE-1	16 DE-1	25 DE-1	25 DE-1
Days After Emergence					
Trt Treatment	Rate	Appl			
No. Name	Rate Unit	Code Plot	7	8	9
			10	11	12
6 ANTHEM	2.15 oz ai/a	A 202	60.0	99.0	0.0
F9387-1	1.5 oz ai/a	B 501	99.0	99.0	0.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 802	80.0	50.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B 1005	50.0	60.0	0.0
		Mean =	72.3	77.0	0.0
7 ANTHEM ATZ	1.13 lb ai/a	A 204	70.0	99.0	0.0
F9387-1	1.5 oz ai/a	B 401	99.0	99.0	0.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 601	99.0	99.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B 902	50.0	99.0	0.0
		Mean =	79.5	99.0	0.0
8 ANTHEM ATZ	1.13 lb ai/a	A 205	99.0	99.0	0.0
SHARPEN	2 oz/a	A 305	99.0	99.0	0.0
MSO	8 oz/a	A 604	99.0	99.0	0.0
ROUNDUP POWERMAX	22 fl oz/a	B 1004	99.0	99.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B			
		Mean =	99.0	99.0	0.0
9 VERDICT	0.61 lb ai/a	A 301	99.0	99.0	0.0
MSO	8 oz/a	A 304	99.0	99.0	0.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 701	99.0	99.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B 1001	99.0	99.0	0.0
		Mean =	99.0	99.0	0.0
10 BICEP LITE II MAGNUM	2.85 lb ai/a	A 302	20.0	99.0	0.0
CALLISTO	1.5 oz ai/a	B 504	30.0	99.0	0.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 801	99.0	99.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B 1002	60.0	99.0	0.0
		Mean =	52.3	99.0	0.0
11 LUMAX	2.48 lb ai/a	A 103	80.0	99.0	0.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 403	99.0	99.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B 606	99.0	99.0	0.0
		1006	99.0	99.0	0.0
		Mean =	94.3	99.0	0.0
12 ANTHEM ATZ	1.13 lb ai/a	A 106	90.0	99.0	0.0
HORNET	2.36 oz ai/a	A 306	99.0	99.0	0.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 706	99.0	99.0	0.0
AMS - Liquid	8.5 lb ai/100 gal	B 903	70.0	99.0	0.0
		Mean =	89.5	99.0	0.0

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Pest Type	W Weed		W Weed		W Weed		W Weed	
Pest Code	ABUTH		CHEAL		AMBTR		SETFA	
Pest Scientific Name	Abutilon theop>		Chenopodium al>		Ambrosia trifi>		Setaria faberi	
Pest Name	velvetleaf		Common lambsqu>		Giant ragweed		Giant foxtail	
Crop Code	ZEAMX		ZEAMX		ZEAMX		ZEAMX	
BBCH Scale	BCOR		BCOR		BCOR		BCOR	
Crop Scientific Name	Zea mays		Zea mays		Zea mays		Zea mays	
Crop Name	Corn		Corn		Corn		Corn	
Rating Date	Jun-3-2013		Jun-3-2013		Jun-3-2013		Jun-12-2013	
Rating Type	CONTRO		CONTRO		PHYGEN		PHYGEN	
Rating Unit	%		%		%		%	
Number of Subsamples	1		1		1		1	
Crop Stage Majority							V4	
Pest Stage Majority	2 IN		1.5 IN					
Pest Density, Unit	2 YD2		3 FT2					
Assessed By					TL		TL	
Days After First/Last Applic.	25 25		25 25		25 25		34 8	
Plant-Eval Interval	25 DP-1		25 DP-1		25 DP-1		34 DP-1	
Days After Emergence	16 DE-1		16 DE-1		16 DE-1		25 DE-1	
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code Plot	7	8	9	10	11	12
13 SURESTART	1.06 lb ai/a	A 203	70.0	99.0	0.0	5.0	75.0	99.0
Durango DMA (4 SL)	0.75 lb ae/a	B 506	99.0	99.0	0.0	5.0	90.0	99.0
AMS - Liquid	8.5 lb ai/100 gal	B 603	99.0	99.0	0.0	5.0	80.0	99.0
		906	99.0	99.0	0.0	5.0	90.0	99.0
		Mean =	91.8	99.0	0.0	5.0	83.8	99.0
14 SURESTART	1.33 lb ai/a	A 206	99.0	99.0	0.0	0.0	90.0	99.0
Durango DMA (4 SL)	0.75 lb ae/a	B 406	99.0	99.0	0.0	0.0	90.0	99.0
AMS - Liquid	8.5 lb ai/100 gal	B 803	99.0	99.0	0.0	2.0	70.0	99.0
		806	99.0	99.0	0.0	0.0	100.0	99.0
		Mean =	99.0	99.0	0.0	0.5	87.5	99.0
15 SURESTART	1.33 lb ai/a	A 303	99.0	99.0	0.0	2.0	90.0	99.0
Atrazine	1 lb ai/a	A 503	99.0	99.0	0.0	0.0	90.0	99.0
Durango DMA (4 SL)	0.75 lb ae/a	B 703	99.0	99.0	0.0	0.0	90.0	99.0
AMS - Liquid	8.5 lb ai/100 gal	B 1003	99.0	99.0	0.0	0.0	80.0	99.0
		Mean =	99.0	99.0	0.0	0.5	87.5	99.0

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Pest Type		W Weed	W Weed	W Weed	W Weed	W Weed		
Pest Code		AMBTR	CHEAL	SETFA	SETFA	AMBTR		
Pest Scientific Name		Ambrosia trifi>	Chenopodium al>	Setaria faberi	Setaria faberi	Ambrosia trifi>		
Pest Name		Giant ragweed	Common lambsqu>	Giant foxtail	Giant foxtail	Giant ragweed		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCB Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn		
Rating Date	Jun-19-2013	Jun-19-2013	Jun-19-2013	Jun-19-2013	Jul-9-2013	Jul-9-2013		
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1		
Crop Stage Majority	V6	V6	V6	V6	V8	V8		
Pest Stage Majority					40 IN	6 FT		
Pest Density, Unit					15 FT2	8 YD2		
Assessed By								
Days After First/Last Applic.	41 15	41 15	41 15	41 15	61 35	61 35		
Plant-Eval Interval	41 DP-1	41 DP-1	41 DP-1	41 DP-1	61 DP-1	61 DP-1		
Days After Emergence	32 DE-1	32 DE-1	32 DE-1	32 DE-1	52 DE-1	52 DE-1		
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code Plot	13	14	15	16	17	18
1 Untreated Check		101	0.0	0.0	0.0	0.0	0.0	0.0
		405	0.0	0.0	0.0	0.0	0.0	0.0
		702	0.0	0.0	0.0	0.0	0.0	0.0
		805	0.0	0.0	0.0	0.0	0.0	0.0
		Mean =	0.0	0.0	0.0	0.0	0.0	0.0
2 ANTHEM	2.15 oz ai/a	A 102	1.0	72.0	95.0	98.0	97.0	85.0
CADET	0.102 oz ai/a	B 404	1.0	80.0	98.0	100.0	95.0	83.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 602	2.0	87.0	95.0	100.0	97.0	85.0
AMS - Liquid	8.5 lb ai/100 gal	B 804	1.0	91.0	95.0	100.0	99.0	85.0
		Mean =	1.3	82.5	95.8	99.5	97.0	84.5
3 ANTHEM ATZ	1.13 lb ai/a	A 104	2.0	72.0	95.0	96.0	97.0	85.0
CADET	0.9 oz/a	B 502	2.0	75.0	95.0	95.0	99.0	85.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 704	1.0	94.0	98.0	100.0	97.0	93.0
AMS - Liquid	8.5 lb ai/100 gal	B 901	2.0	80.0	95.0	95.0	93.0	93.0
		Mean =	1.8	80.3	95.8	96.5	96.5	89.0
4 ANTHEM ATZ	1.13 lb ai/a	A 105	1.0	77.0	95.0	100.0	97.0	87.0
Atrazine	0.5 lb ai/a	A 402	1.0	94.0	100.0	100.0	95.0	93.0
CADET	0.102 oz ai/a	B 605	2.0	96.0	100.0	100.0	95.0	90.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 904	1.0	90.0	95.0	98.0	97.0	87.0
AMS - Liquid	8.5 lb ai/100 gal	B						
		Mean =	1.3	89.3	97.5	99.5	96.0	89.3
5 ANTHEM ATZ	1.13 lb ai/a	A 201	1.0	98.0	100.0	100.0	95.0	95.0
Atrazine	0.5 lb ai/a	B 505	1.0	95.0	100.0	100.0	99.0	90.0
CADET	0.102 oz ai/a	B 705	1.0	95.0	100.0	100.0	97.0	90.0
ROUNDUP POWERMAX	0.95 lb ai/a	B 905	2.0	95.0	99.0	100.0	99.0	90.0
AMS - Liquid	8.5 lb ai/100 gal	B						
		Mean =	1.3	95.8	99.8	100.0	97.5	91.3

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Pest Type		W Weed		W Weed		W Weed		W Weed		W Weed
Pest Code		AMBTR		CHEAL		SETFA		SETFA		AMBTR
Pest Scientific Name		Ambrosia trifi>		Chenopodium al>		Setaria faberi		Setaria faberi		Ambrosia trifi>
Pest Name		Giant ragweed		Common lambsqu>		Giant foxtail		Giant foxtail		Giant ragweed
Crop Code		ZEAMX		ZEAMX		ZEAMX		ZEAMX		ZEAMX
BBCH Scale		BCOR		BCOR		BCOR		BCOR		BCOR
Crop Scientific Name		Zea mays		Zea mays		Zea mays		Zea mays		Zea mays
Crop Name		Corn		Corn		Corn		Corn		Corn
Rating Date		Jun-19-2013		Jun-19-2013		Jun-19-2013		Jun-19-2013		Jul-9-2013
Rating Type		PHYGEN		CONTRO		CONTRO		CONTRO		CONTRO
Rating Unit		%		%		%		%		%
Number of Subsamples		1		1		1		1		1
Crop Stage Majority		V6		V6		V6		V6		V8
Pest Stage Majority								40 IN		6 FT
Pest Density, Unit								15 FT2		8 YD2
Assessed By										
Days After First/Last Applic.		41 15		41 15		41 15		41 15		61 35
Plant-Eval Interval		41 DP-1		41 DP-1		41 DP-1		41 DP-1		61 DP-1
Days After Emergence		32 DE-1		32 DE-1		32 DE-1		32 DE-1		52 DE-1
Trt Treatment	Rate	Appl								
No. Name	Rate Unit	Code Plot	13	14	15	16	17	18		
6 ANTHEM	2.15 oz ai/a	A 202	0.0	90.0	100.0	100.0	97.0	93.0		
F9387-1	1.5 oz ai/a	B 501	1.0	95.0	100.0	100.0	97.0	97.0		
ROUNDUP POWERMAX	0.95 lb ai/a	B 802	0.0	92.0	95.0	98.0	99.0	87.0		
AMS - Liquid	8.5 lb ai/100 gal	B 1005	1.0	85.0	95.0	95.0	95.0	85.0		
		Mean =	0.5	90.5	97.5	98.3	97.0	90.5		
7 ANTHEM ATZ	1.13 lb ai/a	A 204	0.0	95.0	100.0	100.0	97.0	95.0		
F9387-1	1.5 oz ai/a	B 401	0.0	95.0	100.0	100.0	99.0	95.0		
ROUNDUP POWERMAX	0.95 lb ai/a	B 601	1.0	94.0	98.0	100.0	99.0	90.0		
AMS - Liquid	8.5 lb ai/100 gal	B 902	0.0	95.0	98.0	98.0	99.0	90.0		
		Mean =	0.3	94.8	99.0	99.5	98.5	92.5		
8 ANTHEM ATZ	1.13 lb ai/a	A 205	0.0	98.0	100.0	100.0	97.0	97.0		
SHARPEN	2 oz/a	A 305	0.0	97.0	100.0	100.0	97.0	95.0		
MSO	8 oz/a	A 604	0.0	95.0	100.0	100.0	97.0	90.0		
ROUNDUP POWERMAX	22 fl oz/a	B 1004	0.0	75.0	92.0	95.0	97.0	80.0		
AMS - Liquid	8.5 lb ai/100 gal	B								
		Mean =	0.0	91.3	98.0	98.8	97.0	90.5		
9 VERDICT	0.61 lb ai/a	A 301	1.0	93.0	98.0	100.0	99.0	99.0		
MSO	8 oz/a	A 304	0.0	96.0	100.0	100.0	95.0	93.0		
ROUNDUP POWERMAX	0.95 lb ai/a	B 701	1.0	95.0	98.0	100.0	99.0	93.0		
AMS - Liquid	8.5 lb ai/100 gal	B 1001	0.0	88.0	95.0	95.0	93.0	85.0		
		Mean =	0.5	93.0	97.8	98.8	96.5	92.5		
10 BICEP LITE II MAGNUM	2.85 lb ai/a	A 302	0.0	94.0	100.0	100.0	97.0	95.0		
CALLISTO	1.5 oz ai/a	B 504	0.0	95.0	98.0	100.0	97.0	95.0		
ROUNDUP POWERMAX	0.95 lb ai/a	B 801	3.0	95.0	96.0	98.0	99.0	95.0		
AMS - Liquid	8.5 lb ai/100 gal	B 1002	1.0	90.0	95.0	100.0	93.0	87.0		
		Mean =	1.0	93.5	97.3	99.5	96.5	93.0		
11 LUMAX	2.48 lb ai/a	A 103	3.0	93.0	98.0	95.0	95.0	95.0		
ROUNDUP POWERMAX	0.95 lb ai/a	B 403	1.0	95.0	98.0	100.0	95.0	97.0		
AMS - Liquid	8.5 lb ai/100 gal	B 606	0.0	98.0	100.0	100.0	97.0	99.0		
		1006	0.0	90.0	95.0	95.0	99.0	95.0		
		Mean =	1.0	94.0	97.8	97.5	96.5	96.5		
12 ANTHEM ATZ	1.13 lb ai/a	A 106	0.0	97.0	100.0	95.0	95.0	97.0		
HORNET	2.36 oz ai/a	A 306	0.0	98.0	100.0	100.0	97.0	95.0		
ROUNDUP POWERMAX	0.95 lb ai/a	B 706	0.0	100.0	100.0	100.0	97.0	95.0		
AMS - Liquid	8.5 lb ai/100 gal	B 903	0.0	85.0	95.0	100.0	95.0	87.0		
		Mean =	0.0	95.0	98.8	98.8	96.0	93.5		

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Pest Type		W Weed	W Weed	W Weed	W Weed	W Weed		
Pest Code		AMBTR	CHEAL	SETFA	SETFA	AMBTR		
Pest Scientific Name		Ambrosia trifi>	Chenopodium al>	Setaria faberi	Setaria faberi	Ambrosia trifi>		
Pest Name		Giant ragweed	Common lambsqu>	Giant foxtail	Giant foxtail	Giant ragweed		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn		
Rating Date	Jun-19-2013	Jun-19-2013	Jun-19-2013	Jun-19-2013	Jul-9-2013	Jul-9-2013		
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1		
Crop Stage Majority	V6	V6	V6	V6	V8	V8		
Pest Stage Majority					40 IN	6 FT		
Pest Density, Unit					15 FT2	8 YD2		
Assessed By								
Days After First/Last Applic.	41 15	41 15	41 15	41 15	61 35	61 35		
Plant-Eval Interval	41 DP-1	41 DP-1	41 DP-1	41 DP-1	61 DP-1	61 DP-1		
Days After Emergence	32 DE-1	32 DE-1	32 DE-1	32 DE-1	52 DE-1	52 DE-1		
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code Plot	13	14	15	16		
			17	18				
13 SURESTART	1.06 lb ai/a	A 203	2.0	87.0	98.0	100.0	97.0	87.0
Durango DMA (4 SL)	0.75 lb ae/a	B 506	1.0	98.0	100.0	100.0	97.0	93.0
AMS - Liquid	8.5 lb ai/100 gal	B 603	3.0	95.0	98.0	100.0	97.0	93.0
		906	2.0	93.0	98.0	100.0	95.0	93.0
		Mean =	2.0	93.3	98.5	100.0	96.5	91.5
14 SURESTART	1.33 lb ai/a	A 206	0.0	98.0	100.0	100.0	97.0	97.0
Durango DMA (4 SL)	0.75 lb ae/a	B 406	0.0	95.0	98.0	92.0	93.0	93.0
AMS - Liquid	8.5 lb ai/100 gal	B 803	0.0	95.0	100.0	100.0	95.0	87.0
		806	0.0	94.0	98.0	100.0	97.0	95.0
		Mean =	0.0	95.5	99.0	98.0	95.5	93.0
15 SURESTART	1.33 lb ai/a	A 303	1.0	95.0	98.0	100.0	97.0	87.0
Atrazine	1 lb ai/a	A 503	0.0	88.0	95.0	100.0	95.0	93.0
Durango DMA (4 SL)	0.75 lb ae/a	B 703	0.0	95.0	97.0	99.0	93.0	93.0
AMS - Liquid	8.5 lb ai/100 gal	B 1003	0.0	88.0	95.0	95.0	95.0	93.0
		Mean =	0.3	91.5	96.3	98.5	95.0	91.5

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Pest Type				W Weed	W Weed	W Weed	W Weed								
Pest Code				SETFA	AMBTR	CHEAL	IPOHE								
Pest Scientific Name				Setaria faberi	Ambrosia trifi>	Chenopodium al>	Ipomoea heder>								
Pest Name				Giant foxtail	Giant ragweed	Common lambsqu>	Ivyleaf mornin>								
Crop Code				ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX							
BBCH Scale				BCOR	BCOR	BCOR	BCOR	BCOR							
Crop Scientific Name				Zea mays	Zea mays	Zea mays	Zea mays	Zea mays							
Crop Name				Corn	Corn	Corn	Corn	Corn							
Rating Date				Jul-9-2013	Aug-5-2013	Aug-5-2013	Aug-5-2013	Oct-9-2013							
Rating Type				PHYGEN	CONTRO	CONTRO	CONTRO	MOICON							
Rating Unit				%	%	%	%	%							
Number of Subsamples				1	1	1	1	1							
Crop Stage Majority				V8											
Pest Stage Majority					50 IN	102 IN	46 IN	30 IN							
Pest Density, Unit					10 FT2	5 YD2	4 YD2	1 YD2							
Assessed By															
Days After First/Last Applic.				61 35	88 62	88 62	88 62	153 127							
Plant-Eval Interval				61 DP-1	88 DP-1	88 DP-1	88 DP-1	153 DP-1							
Days After Emergence				52 DE-1	79 DE-1	79 DE-1	79 DE-1	144 DE-1							
Trt	Treatment	Rate	Appl	19		20		21		22		23		24	
No.	Name	Rate	Unit	Code	Plot										
1	Untreated Check				101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.10	
					405	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.80	
					702	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.30	
					805	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.00	
					Mean =	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.80	
2	ANTHEM	2.15 oz ai/a	A		102	0.0	99.0	80.0	99.0	99.0	99.0	99.0	99.0	17.50	
	CADET	0.102 oz ai/a	B		404	0.0	95.0	70.0	99.0	99.0	99.0	99.0	99.0	19.40	
	ROUNDUP POWERMAX	0.95 lb ai/a	B		602	0.0	99.0	85.0	99.0	99.0	99.0	99.0	99.0	20.00	
	AMS - Liquid	8.5 lb ai/100 gal	B		804	0.0	97.0	85.0	99.0	99.0	99.0	93.0	99.0	19.70	
					Mean =	0.0	97.5	80.0	99.0	99.0	99.0	97.5	99.0	19.15	
3	ANTHEM ATZ	1.13 lb ai/a	A		104	0.0	97.0	85.0	99.0	99.0	99.0	99.0	99.0	19.20	
	CADET	0.9 oz/a	B		502	0.0	95.0	77.0	99.0	99.0	99.0	99.0	99.0	20.60	
	ROUNDUP POWERMAX	0.95 lb ai/a	B		704	0.0	97.0	87.0	99.0	99.0	99.0	99.0	99.0	19.50	
	AMS - Liquid	8.5 lb ai/100 gal	B		901	0.0	95.0	90.0	99.0	99.0	99.0	90.0	99.0	19.70	
					Mean =	0.0	96.0	84.8	99.0	99.0	99.0	96.8	99.0	19.75	
4	ANTHEM ATZ	1.13 lb ai/a	A		105	0.0	95.0	83.0	99.0	99.0	99.0	99.0	99.0	19.30	
	Atrazine	0.5 lb ai/a	A		402	0.0	97.0	93.0	99.0	99.0	99.0	99.0	99.0	20.80	
	CADET	0.102 oz ai/a	B		605	0.0	95.0	90.0	99.0	99.0	99.0	99.0	99.0	20.10	
	ROUNDUP POWERMAX	0.95 lb ai/a	B		904	0.0	97.0	87.0	99.0	99.0	99.0	99.0	99.0	20.20	
	AMS - Liquid	8.5 lb ai/100 gal	B		Mean =	0.0	96.0	88.3	99.0	99.0	99.0	99.0	99.0	20.10	
5	ANTHEM ATZ	1.13 lb ai/a	A		201	0.0	97.0	95.0	99.0	99.0	99.0	99.0	99.0	19.90	
	Atrazine	0.5 lb ai/a	B		505	0.0	95.0	85.0	99.0	99.0	99.0	99.0	99.0	20.10	
	CADET	0.102 oz ai/a	B		705	0.0	95.0	93.0	99.0	99.0	99.0	97.0	99.0	19.10	
	ROUNDUP POWERMAX	0.95 lb ai/a	B		905	0.0	95.0	87.0	99.0	99.0	99.0	99.0	99.0	20.40	
	AMS - Liquid	8.5 lb ai/100 gal	B		Mean =	0.0	95.5	90.0	99.0	99.0	99.0	98.5	99.0	19.88	

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Pest Type		W Weed	W Weed	W Weed	W Weed			
Pest Code		SETFA	AMBTR	CHEAL	IPHOE			
Pest Scientific Name		Setaria faberi	Ambrosia trif>	Chenopodium al>	Ipomoea hедера>			
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>	Ivyleaf momin>			
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn		
Rating Date	Jul-9-2013	Aug-5-2013	Aug-5-2013	Aug-5-2013	Aug-5-2013	Oct-9-2013		
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	MOICON		
Rating Unit	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1		
Crop Stage Majority	V8							
Pest Stage Majority		50 IN	102 IN	46 IN	30 IN			
Pest Density, Unit		10 FT2	5 YD2	4 YD2	1 YD2			
Assessed By								
Days After First/Last Applic.	61 35	88 62	88 62	88 62	88 62	153 127		
Plant-Eval Interval	61 DP-1	88 DP-1	88 DP-1	88 DP-1	88 DP-1	153 DP-1		
Days After Emergence	52 DE-1	79 DE-1	79 DE-1	79 DE-1	79 DE-1	144 DE-1		
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code Plot	19	20	21	22	23	24
6 ANTHEM	2.15 oz ai/a	A 202	0.0	95.0	95.0	99.0	99.0	20.10
F9387-1	1.5 oz ai/a	B 501	0.0	93.0	97.0	99.0	99.0	19.00
ROUNDUP POWERMAX	0.95 lb ai/a	B 802	0.0	97.0	85.0	99.0	95.0	20.40
AMS - Liquid	8.5 lb ai/100 gal	B 1005	0.0	97.0	90.0	99.0	90.0	20.20
		Mean =	0.0	95.5	91.8	99.0	95.8	19.93
7 ANTHEM ATZ	1.13 lb ai/a	A 204	0.0	99.0	95.0	99.0	99.0	19.60
F9387-1	1.5 oz ai/a	B 401	0.0	99.0	90.0	99.0	99.0	19.10
ROUNDUP POWERMAX	0.95 lb ai/a	B 601	0.0	95.0	87.0	99.0	99.0	21.00
AMS - Liquid	8.5 lb ai/100 gal	B 902	0.0	97.0	90.0	99.0	99.0	19.40
		Mean =	0.0	97.5	90.5	99.0	99.0	19.78
8 ANTHEM ATZ	1.13 lb ai/a	A 205	0.0	97.0	95.0	99.0	99.0	20.10
SHARPEN	2 oz/a	A 305	0.0	99.0	97.0	99.0	99.0	19.20
MSO	8 oz/a	A 604	0.0	97.0	93.0	99.0	99.0	20.70
ROUNDUP POWERMAX	22 fl oz/a	B 1004	0.0	95.0	75.0	99.0	99.0	21.20
AMS - Liquid	8.5 lb ai/100 gal	B						
		Mean =	0.0	97.0	90.0	99.0	99.0	20.30
9 VERDICT	0.61 lb ai/a	A 301	0.0	97.0	97.0	99.0	99.0	19.00
MSO	8 oz/a	A 304	0.0	95.0	95.0	99.0	97.0	19.30
ROUNDUP POWERMAX	0.95 lb ai/a	B 701	0.0	95.0	95.0	99.0	99.0	19.80
AMS - Liquid	8.5 lb ai/100 gal	B 1001	0.0	93.0	83.0	99.0	90.0	19.70
		Mean =	0.0	95.0	92.5	99.0	96.3	19.45
10 BICEP LITE II MAGNUM	2.85 lb ai/a	A 302	0.0	99.0	97.0	99.0	99.0	20.10
CALLISTO	1.5 oz ai/a	B 504	0.0	99.0	95.0	99.0	99.0	19.40
ROUNDUP POWERMAX	0.95 lb ai/a	B 801	0.0	97.0	93.0	99.0	99.0	20.10
AMS - Liquid	8.5 lb ai/100 gal	B 1002	0.0	99.0	90.0	99.0	90.0	21.40
		Mean =	0.0	98.5	93.8	99.0	96.8	20.25
11 LUMAX	2.48 lb ai/a	A 103	0.0	95.0	93.0	99.0	99.0	18.00
ROUNDUP POWERMAX	0.95 lb ai/a	B 403	0.0	97.0	97.0	99.0	99.0	21.10
AMS - Liquid	8.5 lb ai/100 gal	B 606	0.0	95.0	99.0	99.0	99.0	20.70
		1006	0.0	97.0	93.0	99.0	99.0	19.60
		Mean =	0.0	96.0	95.5	99.0	99.0	19.85
12 ANTHEM ATZ	1.13 lb ai/a	A 106	0.0	95.0	95.0	99.0	99.0	19.20
HORNET	2.36 oz ai/a	A 306	0.0	95.0	97.0	99.0	99.0	19.40
ROUNDUP POWERMAX	0.95 lb ai/a	B 706	0.0	95.0	95.0	99.0	99.0	18.40
AMS - Liquid	8.5 lb ai/100 gal	B 903	0.0	97.0	93.0	99.0	99.0	20.80
		Mean =	0.0	95.5	95.0	99.0	99.0	19.45

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Pest Type		W Weed	W Weed	W Weed	W Weed	
Pest Code		SETFA	AMBTR	CHEAL	IPOHE	
Pest Scientific Name		Setaria faberi	Ambrosia trifi>	Chenopodium al>	Ipomoea hedera>	
Pest Name		Giant foxtail	Giant ragweed	Common lambsqu>	Ivyleaf momin>	
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Rating Date	Jul-9-2013	Aug-5-2013	Aug-5-2013	Aug-5-2013	Aug-5-2013	Oct-9-2013
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	MOICON
Rating Unit	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1
Crop Stage Majority	V8					
Pest Stage Majority		50 IN	102 IN	46 IN	30 IN	
Pest Density, Unit		10 FT2	5 YD2	4 YD2	1 YD2	
Assessed By						
Days After First/Last Applic.	61 35	88 62	88 62	88 62	88 62	153 127
Plant-Eval Interval	61 DP-1	88 DP-1	88 DP-1	88 DP-1	88 DP-1	153 DP-1
Days After Emergence	52 DE-1	79 DE-1	79 DE-1	79 DE-1	79 DE-1	144 DE-1

Trt	Treatment	Rate	Appl		19	20	21	22	23	24
No.	Name	Rate	Unit	Code Plot						
13	SURESTART	1.06 lb ai/a	A	203	0.0	93.0	90.0	99.0	95.0	19.90
	Durango DMA (4 SL)	0.75 lb ae/a	B	506	0.0	95.0	90.0	99.0	90.0	19.30
	AMS - Liquid	8.5 lb ai/100 gal	B	603	0.0	90.0	90.0	99.0	99.0	21.00
				906	0.0	95.0	85.0	99.0	93.0	19.60
	Mean =				0.0	93.3	88.8	99.0	94.3	19.95
14	SURESTART	1.33 lb ai/a	A	206	0.0	95.0	96.0	99.0	99.0	20.30
	Durango DMA (4 SL)	0.75 lb ae/a	B	406	0.0	85.0	93.0	99.0	93.0	19.00
	AMS - Liquid	8.5 lb ai/100 gal	B	803	0.0	97.0	93.0	99.0	93.0	19.90
				806	0.0	95.0	95.0	99.0	99.0	19.90
	Mean =				0.0	93.0	94.3	99.0	96.0	19.78
15	SURESTART	1.33 lb ai/a	A	303	0.0	95.0	90.0	99.0	99.0	19.60
	Atrazine	1 lb ai/a	A	503	0.0	93.0	93.0	99.0	99.0	20.00
	Durango DMA (4 SL)	0.75 lb ae/a	B	703	0.0	90.0	87.0	99.0	99.0	21.60
	AMS - Liquid	8.5 lb ai/100 gal	B	1003	0.0	97.0	85.0	99.0	90.0	21.20
	Mean =				0.0	93.8	88.8	99.0	96.8	20.60

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Pest Type					
Pest Code					
Pest Scientific Name					
Pest Name					
Crop Code					ZEAMX
BBCH Scale					BCOR
Crop Scientific Name					Zea mays
Crop Name					Corn
Rating Date					Oct-9-2013
Rating Type					YIELD
Rating Unit					bu/ac
Number of Subsamples					1
Crop Stage Majority					
Pest Stage Majority					
Pest Density, Unit					
Assessed By					
Days After First/Last Applic.					153 127
Plant-Eval Interval					153 DP-1
Days After Emergence					144 DE-1
Trt Treatment	Rate		Appl		
No. Name	Rate Unit		Code Plot		25
1 Untreated Check			101		131.40
			405		142.30
			702		113.40
			805		184.80
			Mean =		142.98
2 ANTHEM	2.15 oz ai/a		A 102		212.50
CADET	0.102 oz ai/a		B 404		189.50
ROUNDUP POWERMAX	0.95 lb ai/a		B 602		224.90
AMS - Liquid	8.5 lb ai/100 gal		B 804		238.00
			Mean =		216.23
3 ANTHEM ATZ	1.13 lb ai/a		A 104		199.60
CADET	0.9 oz/a		B 502		175.00
ROUNDUP POWERMAX	0.95 lb ai/a		B 704		234.90
AMS - Liquid	8.5 lb ai/100 gal		B 901		240.40
			Mean =		212.48
4 ANTHEM ATZ	1.13 lb ai/a		A 105		206.40
Atrazine	0.5 lb ai/a		A 402		243.80
CADET	0.102 oz ai/a		B 605		208.70
ROUNDUP POWERMAX	0.95 lb ai/a		B 904		225.10
AMS - Liquid	8.5 lb ai/100 gal		B		
			Mean =		221.00
5 ANTHEM ATZ	1.13 lb ai/a		A 201		248.60
Atrazine	0.5 lb ai/a		B 505		218.10
CADET	0.102 oz ai/a		B 705		242.90
ROUNDUP POWERMAX	0.95 lb ai/a		B 905		195.40
AMS - Liquid	8.5 lb ai/100 gal		B		
			Mean =		226.25

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Pest Type					
Pest Code					
Pest Scientific Name					
Pest Name					
Crop Code					ZEAMX
BBCH Scale					BCOR
Crop Scientific Name					Zea mays
Crop Name					Corn
Rating Date					Oct-9-2013
Rating Type					YIELD
Rating Unit					bu/ac
Number of Subsamples					1
Crop Stage Majority					
Pest Stage Majority					
Pest Density, Unit					
Assessed By					
Days After First/Last Applic.					153 127
Plant-Eval Interval					153 DP-1
Days After Emergence					144 DE-1
Trt No.	Treatment Name	Rate	Appl Code	Plot	
		Rate Unit			25
6	ANTHEM	2.15 oz ai/a	A	202	245.70
	F9387-1	1.5 oz ai/a	B	501	250.30
	ROUNDUP POWERMAX	0.95 lb ai/a	B	802	225.00
	AMS - Liquid	8.5 lb ai/100 gal	B	1005	237.10
				Mean =	239.53
7	ANTHEM ATZ	1.13 lb ai/a	A	204	209.00
	F9387-1	1.5 oz ai/a	B	401	203.20
	ROUNDUP POWERMAX	0.95 lb ai/a	B	601	200.70
	AMS - Liquid	8.5 lb ai/100 gal	B	902	266.60
				Mean =	219.88
8	ANTHEM ATZ	1.13 lb ai/a	A	205	185.70
	SHARPEN	2 oz/a	A	305	221.90
	MSO	8 oz/a	A	604	220.30
	ROUNDUP POWERMAX	22 fl oz/a	B	1004	242.40
	AMS - Liquid	8.5 lb ai/100 gal	B		
				Mean =	217.58
9	VERDICT	0.61 lb ai/a	A	301	237.10
	MSO	8 oz/a	A	304	257.50
	ROUNDUP POWERMAX	0.95 lb ai/a	B	701	292.40
	AMS - Liquid	8.5 lb ai/100 gal	B	1001	251.90
				Mean =	259.73
10	BICEP LITE II MAGNUM	2.85 lb ai/a	A	302	224.80
	CALLISTO	1.5 oz ai/a	B	504	209.10
	ROUNDUP POWERMAX	0.95 lb ai/a	B	801	228.20
	AMS - Liquid	8.5 lb ai/100 gal	B	1002	245.40
				Mean =	226.88
11	LUMAX	2.48 lb ai/a	A	103	224.60
	ROUNDUP POWERMAX	0.95 lb ai/a	B	403	209.60
	AMS - Liquid	8.5 lb ai/100 gal	B	606	221.00
				1006	234.10
				Mean =	222.33
12	ANTHEM ATZ	1.13 lb ai/a	A	106	216.50
	HORNET	2.36 oz ai/a	A	306	239.70
	ROUNDUP POWERMAX	0.95 lb ai/a	B	706	259.60
	AMS - Liquid	8.5 lb ai/100 gal	B	903	213.10
				Mean =	232.23

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Pest Type					
Pest Code					
Pest Scientific Name					
Pest Name					
Crop Code					ZEAMX
BBCH Scale					BCOR
Crop Scientific Name					Zea mays
Crop Name					Corn
Rating Date					Oct-9-2013
Rating Type					YIELD
Rating Unit					bu/ac
Number of Subsamples					1
Crop Stage Majority					
Pest Stage Majority					
Pest Density, Unit					
Assessed By					
Days After First/Last Applic.					153 127
Plant-Eval Interval					153 DP-1
Days After Emergence					144 DE-1
Trt No.	Treatment	Rate	Appl	Plot	
		Rate Unit	Code		25
13	SURESTART	1.06 lb ai/a	A	203	184.40
	Durango DMA (4 SL)	0.75 lb ae/a	B	506	235.00
	AMS - Liquid	8.5 lb ai/100 gal	B	603	238.50
				906	254.20
				Mean =	228.03
14	SURESTART	1.33 lb ai/a	A	206	208.00
	Durango DMA (4 SL)	0.75 lb ae/a	B	406	197.50
	AMS - Liquid	8.5 lb ai/100 gal	B	803	249.70
				806	229.00
				Mean =	221.05
15	SURESTART	1.33 lb ai/a	A	303	231.20
	Atrazine	1 lb ai/a	A	503	244.70
	Durango DMA (4 SL)	0.75 lb ae/a	B	703	230.00
	AMS - Liquid	8.5 lb ai/100 gal	B	1003	276.40
				Mean =	245.58

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2012/CORN/ANTHEM/ANTHEM ATZ/EAST

Trial ID: 13S-THP-CTC-07 Protocol ID: 13S-THP-CTC-07
 Location: Throckmorton Study Director:
 Project ID: PYRX.COR.13.JPR.01 b Investigator: Dr. Bill Johnson
 Sponsor Contact: FMC - Joe Reed

Pest Type

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

Pest Code

SETFA, Setaria faberi, = US
 AMBTR, Ambrosia trifida, = US
 ABUTH, Abutilon theophrasti, = US
 CHEAL, Chenopodium album, = US
 IPOHE, Ipomoea hederacea, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

CONTRO = control / burndown or knockdown
 PHYGEN = phytotoxicity - general / injury
 MOICON = moisture content
 YIELD = yield

Rating Unit

% = percent
 bu/ac = bushels per acre

YD2 = per square yard

FT2 = per square foot

Plant-Eval Interval

20 DP-1 = 1 ZEAMD May-9-2013
 25 DP-1 = 1 ZEAMD May-9-2013
 34 DP-1 = 1 ZEAMD May-9-2013
 41 DP-1 = 1 ZEAMD May-9-2013
 61 DP-1 = 1 ZEAMD May-9-2013
 88 DP-1 = 1 ZEAMD May-9-2013
 153 DP-1 = 1 ZEAMD May-9-2013

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2012/CORN/ANTHEM/ANTHEM ATZ/EAST

Trial ID: 13S-THP-CTC-07 Protocol ID: 13S-THP-CTC-07
 Location: Throckmorton Study Director:
 Project ID: PYRX.COR.13.JPR.01 b Investigator: Dr. Bill Johnson
 Sponsor Contact: FMC - Joe Reed

Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed				
Pest Code	SETFA	AMBTR	ABUTH	CHEAL	SETFA	AMBTR				
Pest Scientific Name	Setaria faberi	Ambrosia trifi>	Abutilon theop>	Chenopodium al>	Setaria faberi	Ambrosia trifi>				
Pest Name	Giant foxtail	Giant ragweed	velvetleaf	Common lambsqu>	Giant foxtail	Giant ragweed				
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX				
BBCB Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR				
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays				
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn				
Rating Date	May-29-2013	May-29-2013	May-29-2013	May-29-2013	Jun-3-2013	Jun-3-2013				
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO				
Rating Unit	%	%	%	%	%	%				
Number of Subsamples	1	1	1	1	1	1				
Crop Stage Majority										
Pest Stage Majority	1 IN	1-3 IN	.5 IN	.5 IN	3 IN	5 IN				
Pest Density, Unit	15 YD2	7 YD2	1 YD2	3 YD2	5 FT2	4 YD2				
Assessed By	BM/GJT	BM/GJT	BM/GJT	BM/GJT						
Days After First/Last Applic.	20 20	20 20	20 20	20 20	25 25	25 25				
Plant-Eval Interval	20 DP-1	20 DP-1	20 DP-1	20 DP-1	25 DP-1	25 DP-1				
Days After Emergence	11 DE-1	11 DE-1	11 DE-1	11 DE-1	16 DE-1	16 DE-1				
Trt No.	Treatment Name	Rate	Unit	Appl Code	1	2	3	4	5	6
1	Untreated Check				0.0 b	0.0 c	0.0 b	0.0 b	0.0 c	0.0 e
2	ANTHEM	2.15 oz ai/a	A		84.8 a	86.3 a	95.3 a	98.5 a	82.5 ab	52.5 bcd
	CADET	0.102 oz ai/a	B							
	ROUNDUP POWERMAX	0.95 lb ai/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							
3	ANTHEM ATZ	1.13 lb ai/a	A		93.0 a	61.3 b	96.3 a	99.0 a	85.0 ab	40.0 d
	CADET	0.9 oz/a	B							
	ROUNDUP POWERMAX	0.95 lb ai/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							
4	ANTHEM ATZ	1.13 lb ai/a	A		95.5 a	85.0 a	97.5 a	99.0 a	90.0 a	75.0 abc
	Atrazine	0.5 lb ai/a	A							
	CADET	0.102 oz ai/a	B							
	ROUNDUP POWERMAX	0.95 lb ai/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							
5	ANTHEM ATZ	1.13 lb ai/a	A		95.5 a	92.8 a	96.5 a	97.5 a	93.0 a	75.0 abc
	Atrazine	0.5 lb ai/a	B							
	CADET	0.102 oz ai/a	B							
	ROUNDUP POWERMAX	0.95 lb ai/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							
6	ANTHEM	2.15 oz ai/a	A		93.8 a	87.5 a	98.0 a	95.0 a	87.5 a	45.0 cd
	F9387-1	1.5 oz ai/a	B							
	ROUNDUP POWERMAX	0.95 lb ai/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							
7	ANTHEM ATZ	1.13 lb ai/a	A		96.0 a	88.8 a	97.5 a	99.0 a	94.3 a	62.5 a-d
	F9387-1	1.5 oz ai/a	B							
	ROUNDUP POWERMAX	0.95 lb ai/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							
8	ANTHEM ATZ	1.13 lb ai/a	A		92.5 a	95.0 a	98.5 a	99.0 a	85.5 ab	91.3 a
	SHARPEN	2 oz/a	A							
	MSO	8 oz/a	A							
	ROUNDUP POWERMAX	22 fl oz/a	B							
	AMS - Liquid	8.5 lb ai/100 gal	B							

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Trt No.	Treatment Name	Rate	Unit	Appl Code	7	8	9	10	11	12	13
1	Untreated Check				0.0 c	0.0 c	0.0 a	0.0 d	0.0 e	0.0 b	0.0 c
2	ANTHEM	2.15 oz ai/a		A	49.5 b	62.3 b	0.0 a	1.5 bcd	55.0 cd	99.0 a	1.3 abc
	CADET	0.102 oz ai/a		B							
	ROUNDUP POWERMAX	0.95 lb ai/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							
3	ANTHEM ATZ	1.13 lb ai/a		A	94.3 ab	91.8 a	0.0 a	2.8 a-d	50.0 d	99.0 a	1.8 ab
	CADET	0.9 oz/a		B							
	ROUNDUP POWERMAX	0.95 lb ai/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							
4	ANTHEM ATZ	1.13 lb ai/a		A	87.0 ab	99.0 a	0.0 a	2.8 a-d	70.0 a-d	99.0 a	1.3 abc
	Atrazine	0.5 lb ai/a		A							
	CADET	0.102 oz ai/a		B							
	ROUNDUP POWERMAX	0.95 lb ai/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							
5	ANTHEM ATZ	1.13 lb ai/a		A	99.0 a	95.5 a	0.0 a	4.3 ab	62.5 bcd	99.0 a	1.3 abc
	Atrazine	0.5 lb ai/a		B							
	CADET	0.102 oz ai/a		B							
	ROUNDUP POWERMAX	0.95 lb ai/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							
6	ANTHEM	2.15 oz ai/a		A	72.3 ab	77.0 ab	0.0 a	2.0 bcd	61.3 bcd	99.0 a	0.5 abc
	F9387-1	1.5 oz ai/a		B							
	ROUNDUP POWERMAX	0.95 lb ai/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							
7	ANTHEM ATZ	1.13 lb ai/a		A	79.5 ab	99.0 a	0.0 a	1.5 bcd	62.5 bcd	99.0 a	0.3 bc
	F9387-1	1.5 oz ai/a		B							
	ROUNDUP POWERMAX	0.95 lb ai/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							
8	ANTHEM ATZ	1.13 lb ai/a		A	99.0 a	99.0 a	0.0 a	0.0 d	97.5 a	99.0 a	0.0 c
	SHARPEN	2 oz/a		A							
	MSO	8 oz/a		A							
	ROUNDUP POWERMAX	22 fl oz/a		B							
	AMS - Liquid	8.5 lb ai/100 gal		B							

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed			
Pest Code	ABUTH	CHEAL			AMBTR	SETFA			
Pest Scientific Name	Abutilon theop>	Chenopodium al>			Ambrosia trifi>	Setaria faberi			
Pest Name	velvetleaf	Common lambsqu>			Giant ragweed	Giant foxtail			
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX			
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR			
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays			
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn			
Rating Date	Jun-3-2013	Jun-3-2013	Jun-3-2013	Jun-12-2013	Jun-12-2013	Jun-12-2013			
Rating Type	CONTRO	CONTRO	PHYGEN	PHYGEN	CONTRO	CONTRO			
Rating Unit	%	%	%	%	%	%			
Number of Subsamples	1	1	1	1	1	1			
Crop Stage Majority					V4	V4			
Pest Stage Majority	2 IN	1.5 IN							
Pest Density, Unit	2 YD2	3 FT2							
Assessed By				TL	TL	TL			
Days After First/Last Applic.	25 25	25 25	25 25	34 8	34 8	34 8			
Plant-Eval Interval	25 DP-1	25 DP-1	25 DP-1	34 DP-1	34 DP-1	34 DP-1			
Days After Emergence	16 DE-1	16 DE-1	16 DE-1	25 DE-1	25 DE-1	25 DE-1			
Trt Treatment	Rate	Appl	7	8	9	10	11	12	13
No. Name	Rate Unit	Code							
9 VERDICT	0.61 lb ai/a	A	99.0 a	99.0 a	0.0 a	1.8 bcd	87.5 abc	99.0 a	0.5 abc
MSO	8 oz/a	A							
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
10 BICEP LITE II MAGNUM	2.85 lb ai/a	A	52.3 ab	99.0 a	0.0 a	2.3 a-d	77.5 a-d	99.0 a	1.0 abc
CALLISTO	1.5 oz ai/a	B							
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
11 LUMAX	2.48 lb ai/a	A	94.3 ab	99.0 a	0.0 a	3.5 abc	87.5 abc	98.0 a	1.0 abc
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
12 ANTHEM ATZ	1.13 lb ai/a	A	89.5 ab	99.0 a	0.0 a	0.5 cd	93.8 ab	99.0 a	0.0 c
HORNET	2.36 oz ai/a	A							
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
13 SURESTART	1.06 lb ai/a	A	91.8 ab	99.0 a	0.0 a	5.0 a	83.8 abc	99.0 a	2.0 a
Durango DMA (4 SL)	0.75 lb ae/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
14 SURESTART	1.33 lb ai/a	A	99.0 a	99.0 a	0.0 a	0.5 cd	87.5 abc	99.0 a	0.0 c
Durango DMA (4 SL)	0.75 lb ae/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
15 SURESTART	1.33 lb ai/a	A	99.0 a	99.0 a	0.0 a	0.5 cd	87.5 abc	99.0 a	0.3 bc
Atrazine	1 lb ai/a	A							
Durango DMA (4 SL)	0.75 lb ae/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
LSD (P=.05)			28.04	19.72	0.00	1.87	19.35	0.74	0.97
Standard Deviation			19.62	13.80	0.00	1.31	13.54	0.52	0.68
CV			24.42	15.72	0.0	68.17	19.09	0.56	92.12
Bartlett's X2			17.952	8.523	0.0	5.962	22.983	0.0	11.928
P(Bartlett's X2)			0.022*	0.036*	.	0.818	0.028*	.	0.29
Replicate F			2.521	0.650	0.000	0.400	2.644	1.000	0.974
Replicate Prob(F)			0.0708	0.5877	1.0000	0.7535	0.0615	0.4023	0.4141
Treatment F			7.901	14.723	0.000	5.474	13.232	9787.858	3.950
Treatment Prob(F)			0.0001	0.0001	1.0000	0.0001	0.0001	0.0001	0.0003

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Pest Type	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	W Weed		
Pest Code	AMBTR	CHEAL	SETFA	SETFA	AMBTR	SETFA	SETFA		
Pest Scientific Name	Ambrosia trif>	Chenopodium al>	Setaria faberi	Setaria faberi	Ambrosia trif>	Setaria faberi	Setaria faberi		
Pest Name	Giant ragweed	Common lambsqu>	Giant foxtail	Giant foxtail	Giant ragweed	Giant foxtail	Giant foxtail		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCB Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays		
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn	Corn		
Rating Date	Jun-19-2013	Jun-19-2013	Jun-19-2013	Jul-9-2013	Jul-9-2013	Jul-9-2013	Aug-5-2013		
Rating Type	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO		
Rating Unit	%	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1	1		
Crop Stage Majority	V6	V6	V6	V8	V8	V8	V8		
Pest Stage Majority				40 IN	6 FT		50 IN		
Pest Density, Unit				15 FT2	8 YD2		10 FT2		
Assessed By									
Days After First/Last Applic.	41 15	41 15	41 15	61 35	61 35	61 35	88 62		
Plant-Eval Interval	41 DP-1	41 DP-1	41 DP-1	61 DP-1	61 DP-1	61 DP-1	88 DP-1		
Days After Emergence	32 DE-1	32 DE-1	32 DE-1	52 DE-1	52 DE-1	52 DE-1	79 DE-1		
Trt Treatment	Rate	Appl	14	15	16	17	18	19	20
No. Name	Rate Unit	Code							
9 VERDICT	0.61 lb ai/a	A	93.0 ab	97.8 a	98.8 a	96.5 a	92.5 ab	0.0 a	95.0 ab
MSO	8 oz/a	A							
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
10 BICEP LITE II MAGNUM	2.85 lb ai/a	A	93.5 ab	97.3 a	99.5 a	96.5 a	93.0 ab	0.0 a	98.5 a
CALLISTO	1.5 oz ai/a	B							
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
11 LUMAX	2.48 lb ai/a	A	94.0 ab	97.8 a	97.5 a	96.5 a	96.5 a	0.0 a	96.0 ab
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
12 ANTHEM ATZ	1.13 lb ai/a	A	95.0 ab	98.8 a	98.8 a	96.0 a	93.5 ab	0.0 a	95.5 ab
HORNET	2.36 oz ai/a	A							
ROUNDUP POWERMAX	0.95 lb ai/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
13 SURESTART	1.06 lb ai/a	A	93.3 ab	98.5 a	100.0 a	96.5 a	91.5 ab	0.0 a	93.3 ab
Durango DMA (4 SL)	0.75 lb ae/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
14 SURESTART	1.33 lb ai/a	A	95.5 a	99.0 a	98.0 a	95.5 a	93.0 ab	0.0 a	93.0 b
Durango DMA (4 SL)	0.75 lb ae/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
15 SURESTART	1.33 lb ai/a	A	91.5 ab	96.3 a	98.5 a	95.0 a	91.5 ab	0.0 a	93.8 ab
Atrazine	1 lb ai/a	A							
Durango DMA (4 SL)	0.75 lb ae/a	B							
AMS - Liquid	8.5 lb ai/100 gal	B							
LSD (P=.05)	7.57		2.37	2.81	2.52	5.46	0.00	3.02	
Standard Deviation	5.30		1.66	1.96	1.76	3.82	0.00	2.12	
CV	6.21		1.81	2.13	1.96	4.48	0.0	2.37	
Bartlett's X2	33.206		16.597	12.427	8.032	14.819	0.0	21.605	
P(Bartlett's X2)	0.002*		0.218	0.332	0.783	0.319	.	0.062	
Replicate F	3.555		8.995	2.593	0.571	2.598	0.000	0.992	
Replicate Prob(F)	0.0222		0.0001	0.0652	0.6369	0.0648	1.0000	0.4059	
Treatment F	82.257		932.061	675.622	800.241	154.460	0.000	547.459	
Treatment Prob(F)	0.0001		0.0001	0.0001	0.0001	0.0001	1.0000	0.0001	

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				W Weed	W Weed	W Weed			
Pest Type				AMBTR	CHEAL	IPOHE			
Pest Code				Ambrosia trifi>	Chenopodium al>	Ipomoea hедера>			
Pest Scientific Name				Giant ragweed	Common lambsqu>	Ivyleaf mornin>			
Pest Name									
Crop Code				ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	
BBCB Scale				BCOR	BCOR	BCOR	BCOR	BCOR	
Crop Scientific Name				Zea mays	Zea mays	Zea mays	Zea mays	Zea mays	
Crop Name				Corn	Corn	Corn	Corn	Corn	
Rating Date				Aug-5-2013	Aug-5-2013	Aug-5-2013	Oct-9-2013	Oct-9-2013	
Rating Type				CONTRO	CONTRO	CONTRO	MOICON	YIELD	
Rating Unit				%	%	%	%	bu/ac	
Number of Subsamples				1	1	1	1	1	
Crop Stage Majority									
Pest Stage Majority				102 IN	46 IN	30 IN			
Pest Density, Unit				5 YD2	4 YD2	1 YD2			
Assessed By									
Days After First/Last Applic.				88 62	88 62	88 62	153 127	153 127	
Plant-Eval Interval				88 DP-1	88 DP-1	88 DP-1	153 DP-1	153 DP-1	
Days After Emergence				79 DE-1	79 DE-1	79 DE-1	144 DE-1	144 DE-1	
Trt No.	Treatment Name	Rate	Appl Unit	Code	21	22	23	24	25
1	Untreated Check				0.0 c	0.0 b	0.0 b	20.80 a	142.98 b
2	ANTHEM	2.15 oz ai/a	A		80.0 b	99.0 a	97.5 a	19.15 a	216.23 a
	CADET	0.102 oz ai/a	B						
	ROUNDUP POWERMAX	0.95 lb ai/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						
3	ANTHEM ATZ	1.13 lb ai/a	A		84.8 ab	99.0 a	96.8 a	19.75 a	212.48 a
	CADET	0.9 oz/a	B						
	ROUNDUP POWERMAX	0.95 lb ai/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						
4	ANTHEM ATZ	1.13 lb ai/a	A		88.3 ab	99.0 a	99.0 a	20.10 a	221.00 a
	Atrazine	0.5 lb ai/a	A						
	CADET	0.102 oz ai/a	B						
	ROUNDUP POWERMAX	0.95 lb ai/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						
5	ANTHEM ATZ	1.13 lb ai/a	A		90.0 ab	99.0 a	98.5 a	19.88 a	226.25 a
	Atrazine	0.5 lb ai/a	B						
	CADET	0.102 oz ai/a	B						
	ROUNDUP POWERMAX	0.95 lb ai/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						
6	ANTHEM	2.15 oz ai/a	A		91.8 a	99.0 a	95.8 a	19.93 a	239.53 a
	F9387-1	1.5 oz ai/a	B						
	ROUNDUP POWERMAX	0.95 lb ai/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						
7	ANTHEM ATZ	1.13 lb ai/a	A		90.5 ab	99.0 a	99.0 a	19.78 a	219.88 a
	F9387-1	1.5 oz ai/a	B						
	ROUNDUP POWERMAX	0.95 lb ai/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						
8	ANTHEM ATZ	1.13 lb ai/a	A		90.0 ab	99.0 a	99.0 a	20.30 a	217.58 a
	SHARPEN	2 oz/a	A						
	MSO	8 oz/a	A						
	ROUNDUP POWERMAX	22 fl oz/a	B						
	AMS - Liquid	8.5 lb ai/100 gal	B						

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Pest Type	W Weed	W Weed	W Weed		
Pest Code	AMBTR	CHEAL	IPOHE		
Pest Scientific Name	Ambrosia trif>	Chenopodium al>	Ipomoea heder>		
Pest Name	Giant ragweed	Common lambsqu>	Ivyleaf mornin>		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays	Zea mays	Zea mays	Zea mays	Zea mays
Crop Name	Corn	Corn	Corn	Corn	Corn
Rating Date	Aug-5-2013	Aug-5-2013	Aug-5-2013	Oct-9-2013	Oct-9-2013
Rating Type	CONTRO	CONTRO	CONTRO	MOICON	YIELD
Rating Unit	%	%	%	%	bu/ac
Number of Subsamples	1	1	1	1	1
Crop Stage Majority					
Pest Stage Majority	102 IN	46 IN	30 IN		
Pest Density, Unit	5 YD2	4 YD2	1 YD2		
Assessed By					
Days After First/Last Applic.	88 62	88 62	88 62	153 127	153 127
Plant-Eval Interval	88 DP-1	88 DP-1	88 DP-1	153 DP-1	153 DP-1
Days After Emergence	79 DE-1	79 DE-1	79 DE-1	144 DE-1	144 DE-1
Trt Treatment	Rate	Appl			
No. Name	Rate Unit	Code	21	22	23
9 VERDICT	0.61 lb ai/a	A	92.5 a	99.0 a	96.3 a
MSO	8 oz/a	A			
ROUNDUP POWERMAX	0.95 lb ai/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
10 BICEP LITE II MAGNUM	2.85 lb ai/a	A	93.8 a	99.0 a	96.8 a
CALLISTO	1.5 oz ai/a	B			
ROUNDUP POWERMAX	0.95 lb ai/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
11 LUMAX	2.48 lb ai/a	A	95.5 a	99.0 a	99.0 a
ROUNDUP POWERMAX	0.95 lb ai/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
12 ANTHEM ATZ	1.13 lb ai/a	A	95.0 a	99.0 a	99.0 a
HORNET	2.36 oz ai/a	A			
ROUNDUP POWERMAX	0.95 lb ai/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
13 SURESTART	1.06 lb ai/a	A	88.8 ab	99.0 a	94.3 a
Durango DMA (4 SL)	0.75 lb ae/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
14 SURESTART	1.33 lb ai/a	A	94.3 a	99.0 a	96.0 a
Durango DMA (4 SL)	0.75 lb ae/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
15 SURESTART	1.33 lb ai/a	A	88.8 ab	99.0 a	96.8 a
Atrazine	1 lb ai/a	A			
Durango DMA (4 SL)	0.75 lb ae/a	B			
AMS - Liquid	8.5 lb ai/100 gal	B			
LSD (P=.05)			6.67	0.00	3.75
Standard Deviation			4.67	0.00	2.62
CV			5.54	0.0	2.89
Bartlett's X2			18.881	0.0	5.911
P(Bartlett's X2)			0.127	.	0.657
Replicate F			1.905	0.000	5.404
Replicate Prob(F)			0.1435	1.0000	0.0031
Treatment F			102.676	0.000	368.938
Treatment Prob(F)			0.0001	1.0000	0.0001
					3.050
					0.0389
					1.281
					0.2589
					3.980
					0.0139
					5.609
					0.0001

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2012/CORN/ANTHEM/ANTHEM ATZ/EAST

Trial ID: 13S-THP-CTC-07 Protocol ID: 13S-THP-CTC-07
 Location: Throckmorton Study Director:
 Project ID: PYRX.COR.13.JPR.01 b Investigator: Dr. Bill Johnson
 Sponsor Contact: FMC - Joe Reed

Pest Type

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

Pest Code

SETFA, Setaria faberi, = US
 AMBTR, Ambrosia trifida, = US
 ABUTH, Abutilon theophrasti, = US
 CHEAL, Chenopodium album, = US
 IPOHE, Ipomoea hederacea, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

CONTRO = control / burndown or knockdown
 PHYGEN = phytotoxicity - general / injury
 MOICON = moisture content
 YIELD = yield

Rating Unit

% = percent
 bu/ac = bushels per acre

YD2 = per square yard

FT2 = per square foot

Plant-Eval Interval

20 DP-1 = 1 ZEAMD May-9-2013
 25 DP-1 = 1 ZEAMD May-9-2013
 34 DP-1 = 1 ZEAMD May-9-2013
 41 DP-1 = 1 ZEAMD May-9-2013
 61 DP-1 = 1 ZEAMD May-9-2013
 88 DP-1 = 1 ZEAMD May-9-2013
 153 DP-1 = 1 ZEAMD May-9-2013