

Purdue University

BAS 800 PRE tank mix optimization

Trial ID: 08S-THP-CTC-41 Protocol ID: 08S-THP-CTC-41
 Location: Throckmorton Study Director: Melissa Kruger
 Project ID: Investigator: Dr. Bill Johnson
 Sponsor Contact:

General Trial Information

Study Director: Melissa Kruger **Title:** Lab Technician VII
Investigator: Dr. William G. Johnson **Title:** Associate Professor

Discipline: H herbicide
Trial Status: F one-year/final
Initiation Date: 4/22/2008 **Planned Completion Date:** 6/17/2008

Trial Location

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

Objectives:

The objective of the study is to determine the optimum tank mix partners for the BAS 800 products.

Personnel

Study Director: Melissa Kruger **Title:** Lab Technician VII
Affiliation: Purdue University
Address: 915 W. State St.
Location: West Lafayette, IN USA
Postal Code: 47907 **E-mail:** mmkruger@purdue.edu
Phone No.: 765-494-4621

Investigator: Dr. William G. Johnson **Title:** Associate Professor
Affiliation: Purdue University
Address: 915 W. State St.
Location: West Lafayette, IN USA
Postal Code: 47907 **E-mail:** wjg@purdue.edu
Phone No.: 765-494-4656

Cooperator/Landowner

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

Crop Description

Crop 1: ZEAMX Zea mays Corn
Variety: DKC 60-18 **Description:** JD7200; RR2/YGPL
BBCH Scale: BCOR **Planting Date:** 4/22/2008
Planting Method: DIRDRI direct drilled **Rate, Unit:** 32000 S/A
Depth, Unit: 2 IN
Row Spacing, Unit: 30 IN
Soil Temperature, Unit: 64 F
Soil Moisture: MOIST **Emergence Date:** 5/5/2008

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:** CHEAL *Chenopodium album*

Common Name: Common lambsquarters

Pest 4 Type: W **Code:** ABUTH Abutilon theophrasti

Common Name: Velvetleaf

Site and Design

Plot Width, Unit: 10 FT **Site Type:** FIELD field

Plot Length, Unit: 30 FT

Plot Area, Unit: 300 FT2 **Tillage Type:** CONTIL conventional-till

Replications: 4 **Study Design:** RACOB L Randomized Complete Block (RCB)

Untreated Arrangement: INCLUDED single control randomized in each block

Maintenance

No.	Date	Maintenance Treatment Name	Rate	Rate Unit
1.	4/22/2008	UAN 28%	50	GAL/A

Comment: -1869F

Field Prep./Maintenance:

□ □50 gal/acre of UAN 28% applied on 4/ 22/08 which was then incorporated in

Field was chisel plowed in the fall.

Field was disked once and then field cultivated on 4/22/08.

Soil Description

Description Name: Field 4A

% OM: 3.1 **Texture:** SIL silt loam

pH: 6 **Soil Name:** Toronto-Millbrook

CEC: 11.1

Analyzed By:

□ □A&L Great Lakes Laboratories, Inc. Report #: F04048-0006

Additional Measured Elements

Element	Quantity	Unit
P	53	ppm
K	208	ppm
Mg	325	ppm
Ca	1100	ppm

Moisture and Weather Conditions

Closest Weather Station: On research farm **Distance, Unit:** 0.5 MI

Comment:

Rainfall:

4/23-4/30: 0.24 in

5/1-5/7: 0.14 in

5/8-5/14: 1 in

Application Description

	A
Application Date:	4/22/2008
Time of Day:	6:40 AM
Application Method:	SPRAY
Application Timing:	PREPRE
Application Placement:	BROSOI
Applied By:	VMD/MK/JM
Air Temperature, Unit:	78 F
% Relative Humidity:	55
Wind Velocity, Unit:	1.5 MPH
Wind Direction:	E
Dew Presence (Y/N):	N no
Soil Temperature, Unit:	64 F
Soil Moisture:	DRY
% Cloud Cover:	80

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	ZEAMX BCOR
Stage Scale Used:	BBCH
Stage Majority, Percent:	N/A
Stage Minimum, Percent:	N/A
Stage Maximum, Percent:	N/A

Pest Stage At Each Application

	A
Pest 1 Code, Type, Scale:	SETFA W
Pest 2 Code, Type, Scale:	AMBTR W
Pest 3 Code, Type, Scale:	CHEAL W
Pest 4 Code, Type, Scale:	ABUTH W

Application Equipment

	A
Appl. Equipment:	Backpack
Operating Pressure, Unit:	17 PSI
Nozzle Type:	FLAFAN
Nozzle Size:	XR11002
Nozzle Spacing, Unit:	15 IN
Nozzles/Row:	6
Boom Length, Unit:	7.5 FT
Boom Height, Unit:	18 IN
Ground Speed, Unit:	3 MPH
Carrier:	TPAC H2O
Water Hardness (ppm CaCO3):	Hard
Spray Volume, Unit:	15 GAL/AC
Mix Size, Unit:	1.8 Liters
Propellant:	CO2

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 Location: Throckmorton Study Director: Melissa Kruger
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Pest Type		W Weed	W Weed	W Weed		W Weed				
Pest Code		AMBTR	SETFA	CHEAL		AMBTR				
Pest Scientific Name		Ambrosia trifi>	Setaria faberi	Chenopodium al>		Ambrosia trifi>				
Pest Name		Giant ragweed	Giant foxtail	Common lambsqu>		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				
Crop Variety	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18	DKC 60-18				
Description	JD 7200; RR2/Y>	JD 7200; RR2/Y>	JD 7200; RR2/Y>	JD 7200; RR2/Y>	JD 7200; RR2/Y>	JD 7200; RR2/Y>				
Part Rated	PLOT C	PLOT P	PLOT P	PLOT P	PLOT C	PLOT P				
Rating Date	5/16/2008	5/16/2008	5/16/2008	5/16/2008	5/22/2008	5/22/2008				
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO				
Rating Unit	%	%	%	%	%	%				
Number of Subsamples	1	1	1	1	1	1				
Crop Stage Majority	VC-V1	VC-V1	VC-V1	VC-V1	V2	V2				
Crop Stage Minimum/Maximum					3-6"	3-6"				
Pest Stage Minimum/Maximum		2-3"	1"	1"		1-4"				
Pest Density, Unit		2 YD2	6 FT2	1 YD2		2 YD2				
Footnote Number	1				2					
Assessed By	PM AR MK	PM AR MK	PM AR MK	PM AR MK	GK	GK				
Rating Timing	1 LF CORN	1 LF CORN	1 LF CORN	1 LF CORN	28 DAT A	28 DAT A				
Days After First/Last Applic.	24 24	24 24	24 24	24 24	30 30	30 30				
Trt-Eval Interval	24 DA-A	24 DA-A	24 DA-A	24 DA-A	30 DA-A	30 DA-A				
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	30 DP-1	30 DP-1				
Days After Emergence	11 DE-	11 DE-	11 DE-	11 DE-	17 DE-	17 DE-				
Trt No.	Treatment Name	Rate	Unit	Appl Code	1	2	3	4	5	6
1	Untreated	0.0	a		0.0 a	0.0 b	0.0 c	0.0 c	0.0 a	0.0 b
2	BAS 800 04H	62.4	g ai/ha	A	3.3 a	97.5 a	83.8 b	90.5 a	0.0 a	95.0 a
3	BAS 800 04H Outlook	62.4 570	g ai/ha g ai/ha	A A	0.8 a	100.0 a	97.5 a	97.5 a	0.0 a	100.0 a
4	BAS 781 02H	630	g ai/ha	A	0.8 a	95.0 a	88.0 b	83.0 b	0.0 a	87.5 a
5	BAS 800 04H Balance Pro	62.4 52.7	g ai/ha g ai/ha	A A	1.3 a	90.0 a	96.0 a	100.0 a	0.0 a	87.5 a
6	BAS 800 04H Harness	62.4 1470	g ai/ha g ai/ha	A A	0.5 a	96.3 a	100.0 a	100.0 a	0.0 a	96.3 a
7	BAS 800 04H Dual II Magnum	62.4 940	g ai/ha g ai/ha	A A	0.8 a	100.0 a	96.3 a	95.0 a	0.0 a	100.0 a
8	BAS 800 04H Prowl H2O	62.4 1060	g ai/ha g ai/ha	A A	2.0 a	98.5 a	98.0 a	98.0 a	0.0 a	97.5 a
9	BAS 800 04H Guardsman MAX	62.4 1750	g ai/ha g ai/ha	A A	2.8 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
10	BAS 800 04H Harness Xtra	62.4 1880	g ai/ha g ai/ha	A A	0.0 a	100.0 a	100.0 a	100.0 a	0.0 a	100.0 a
11	BAS 800 04H Bicep II Magnum	62.4 1640	g ai/ha g ai/ha	A A	3.5 a	97.5 a	100.0 a	100.0 a	0.0 a	96.3 a
12	Balance Pro	52.7	g ai/ha	A	5.0 a	100.0 a	98.0 a	100.0 a	0.0 a	100.0 a
13	Guardsman MAX	1750	g ai/ha	A	1.8 a	98.8 a	99.3 a	100.0 a	0.0 a	97.5 a
14	Harness Xtra	1880	g ai/ha	A	0.0 a	98.3 a	98.8 a	100.0 a	0.0 a	97.5 a
15	Bicep II Magnum	1640	g ai/ha	A	1.3 a	92.5 a	97.5 a	100.0 a	0.8 a	95.0 a
16	SureStart	1040	g ae/ha	A	0.0 a	100.0 a	99.5 a	100.0 a	0.0 a	100.0 a

Pest Type	W Weed	W Weed		W Weed	W Weed	W Weed		
Pest Code	SETFA	CHEAL		AMBTR	SETFA	CHEAL		
Pest Scientific Name	Setaria faberi	Chenopodium al>		Ambrosia trifi>	Setaria faberi	Chenopodium al>		
Pest Name	Giant foxtail	Common lambsqu>		Giant ragweed	Giant foxtail	Common lambsqu>		
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX		
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR		
Crop Scientific Name	Zea mays							
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn		
Crop Variety	DKC 60-18							
Description	JD 7200; RR2/Y>							
Part Rated	PLOT P	PLOT P	PLOT C	PLOT P	PLOT P	PLOT P		
Rating Date	5/22/2008	5/22/2008	6/17/2008	6/17/2008	6/17/2008	6/17/2008		
Rating Type	CONTRO	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO		
Rating Unit	%	%	%	%	%	%		
Number of Subsamples	1	1	1	1	1	1		
Crop Stage Majority	V2	V2	V7	V7	V7	V7		
Crop Stage Minimum/Maximum	3-6"	3-6"	24-30"	24-30"	24-30"	24-30"		
Pest Stage Minimum/Maximum	1-2"	1-3"		12-28"	6-18"	6-24"		
Pest Density, Unit	3 FT2	1 YD2		2 YD2	6 FT2	1 YD2		
Footnote Number								
Assessed By	GK	GK	AR CB	AR CB	AR CB	AR CB		
Rating Timing	28 DAT A	28 DAT A	56 DAT A	56 DAT A	56 DAT A	56 DAT A		
Days After First/Last Applic.	30 30	30 30	56 56	56 56	56 56	56 56		
Trt-Eval Interval	30 DA-A	30 DA-A	56 DA-A	56 DA-A	56 DA-A	56 DA-A		
Plant-Eval Interval	30 DP-1	30 DP-1	56 DP-1	56 DP-1	56 DP-1	56 DP-1		
Days After Emergence	17 DE-	17 DE-	43 DE-	43 DE-	43 DE-	43 DE-		
Trt Treatment	Rate	Appl						
No. Name	Rate Unit	Code	7	8	9	10	11	12
1 Untreated			0.0 b	0.0 c	0.0 a	0.0 b	0.0 d	0.0 e
2 BAS 800 04H	62.4 g ai/ha	A	76.8 a	86.3 b	0.0 a	85.0 a	35.0 c	31.3 d
3 BAS 800 04H	62.4 g ai/ha	A	99.8 a	98.8 a	0.0 a	98.8 a	99.0 a	76.8 ab
Outlook	570 g ai/ha	A						
4 BAS 781 02H	630 g ai/ha	A	84.5 a	93.8 a	0.0 a	82.5 a	69.5 b	46.8 cd
5 BAS 800 04H	62.4 g ai/ha	A	100.0 a	100.0 a	0.0 a	86.3 a	97.8 a	100.0 a
Balance Pro	52.7 g ai/ha	A						
6 BAS 800 04H	62.4 g ai/ha	A	100.0 a	100.0 a	0.5 a	90.0 a	99.8 a	100.0 a
Harness	1470 g ai/ha	A						
7 BAS 800 04H	62.4 g ai/ha	A	100.0 a	96.3 a	0.0 a	95.8 a	97.3 a	64.5 bc
Dual II Magnum	940 g ai/ha	A						
8 BAS 800 04H	62.4 g ai/ha	A	99.5 a	100.0 a	0.0 a	93.8 a	94.5 a	98.3 a
Prowl H2O	1060 g ai/ha	A						
9 BAS 800 04H	62.4 g ai/ha	A	100.0 a	100.0 a	0.0 a	94.5 a	98.5 a	100.0 a
Guardzman MAX	1750 g ai/ha	A						
10 BAS 800 04H	62.4 g ai/ha	A	100.0 a	100.0 a	0.5 a	97.5 a	100.0 a	100.0 a
Harness Xtra	1880 g ai/ha	A						
11 BAS 800 04H	62.4 g ai/ha	A	99.8 a	100.0 a	0.0 a	93.0 a	99.0 a	100.0 a
Bicep II Magnum	1640 g ai/ha	A						
12 Balance Pro	52.7 g ai/ha	A	100.0 a	100.0 a	0.0 a	100.0 a	97.5 a	100.0 a
13 Guardzman MAX	1750 g ai/ha	A	100.0 a	100.0 a	0.0 a	94.5 a	100.0 a	100.0 a
14 Harness Xtra	1880 g ai/ha	A	100.0 a	100.0 a	0.0 a	91.3 a	99.5 a	100.0 a
15 Bicep II Magnum	1640 g ai/ha	A	100.0 a	100.0 a	0.0 a	88.3 a	98.3 a	100.0 a
16 SureStart	1040 g ae/ha	A	100.0 a	100.0 a	0.0 a	100.0 a	100.0 a	100.0 a

Pest Type				W Weed
Pest Code				ABUTH
Pest Scientific Name				Abutilon theop>
Pest Name				Velvetleaf
Crop Code				ZEAMX
BBCH Scale				BCOR
Crop Scientific Name				Zea mays
Crop Name				Corn
Crop Variety				DKC 60-18
Description				JD 7200; RR2/Y>
Part Rated				PLOT P
Rating Date				6/17/2008
Rating Type				CONTRO
Rating Unit				%
Number of Subsamples				1
Crop Stage Majority				V7
Crop Stage Minimum/Maximum				24-30"
Pest Stage Minimum/Maximum				6-15"
Pest Density, Unit				1 YD2
Footnote Number				
Assessed By				AR CB
Rating Timing				56 DAT A
Days After First/Last Applic.				56 56
Trt-Eval Interval				56 DA-A
Plant-Eval Interval				56 DP-1
Days After Emergence				43 DE-
Trt No.	Treatment Name	Rate	Appl Unit	Code
1	Untreated			0.0 c
2	BAS 800 04H	62.4 g ai/ha	A	65.0 b
3	BAS 800 04H Outlook	62.4 g ai/ha 570 g ai/ha	A A	85.3 ab
4	BAS 781 02H	630 g ai/ha	A	73.0 ab
5	BAS 800 04H Balance Pro	62.4 g ai/ha 52.7 g ai/ha	A A	100.0 a
6	BAS 800 04H Harness	62.4 g ai/ha 1470 g ai/ha	A A	88.3 ab
7	BAS 800 04H Dual II Magnum	62.4 g ai/ha 940 g ai/ha	A A	87.0 ab
8	BAS 800 04H Prowl H2O	62.4 g ai/ha 1060 g ai/ha	A A	90.8 a
9	BAS 800 04H Guardsman MAX	62.4 g ai/ha 1750 g ai/ha	A A	97.5 a
10	BAS 800 04H Harness Xtra	62.4 g ai/ha 1880 g ai/ha	A A	99.8 a
11	BAS 800 04H Bicep II Magnum	62.4 g ai/ha 1640 g ai/ha	A A	97.3 a
12	Balance Pro	52.7 g ai/ha	A	100.0 a
13	Guardsman MAX	1750 g ai/ha	A	97.3 a
14	Harness Xtra	1880 g ai/ha	A	93.3 a
15	Bicep II Magnum	1640 g ai/ha	A	94.0 a
16	SureStart	1040 g ae/ha	A	97.3 a

Pest Type		W Weed	W Weed	W Weed		W Weed	W Weed
Pest Code		AMBTR	SETFA	CHEAL		AMBTR	SETFA
Pest Scientific Name		Ambrosia trifi>	Setaria faberi	Chenopodium al>		Ambrosia trifi>	Setaria faberi
Pest Name		Giant ragweed	Giant foxtail	Common lambsqu>		Giant ragweed	Giant foxtail
Crop Code	ZEAMX						
BBCH Scale	BCOR						
Crop Scientific Name	Zea mays						
Crop Name	Corn						
Crop Variety	DKC 60-18						
Description	JD 7200; RR2/Y>						
Part Rated	PLOT C	PLOT P	PLOT P	PLOT P	PLOT C	PLOT P	PLOT P
Rating Date	5/16/2008	5/16/2008	5/16/2008	5/16/2008	5/22/2008	5/22/2008	5/22/2008
Rating Type	PHYGEN	CONTRO	CONTRO	CONTRO	PHYGEN	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1	1
Crop Stage Majority	VC-V1	VC-V1	VC-V1	VC-V1	V2	V2	V2
Crop Stage Minimum/Maximum					3-6"	3-6"	3-6"
Pest Stage Minimum/Maximum		2-3"	1"	1"		1-4"	1-2"
Pest Density, Unit		2 YD2	6 FT2	1 YD2		2 YD2	3 FT2
Footnote Number	1				2		
Assessed By	PM AR MK	PM AR MK	PM AR MK	PM AR MK	GK	GK	GK
Rating Timing	1 LF CORN	1 LF CORN	1 LF CORN	1 LF CORN	28 DAT A	28 DAT A	28 DAT A
Days After First/Last Applic.	24 24	24 24	24 24	24 24	30 30	30 30	30 30
Trt-Eval Interval	24 DA-A	24 DA-A	24 DA-A	24 DA-A	30 DA-A	30 DA-A	30 DA-A
Plant-Eval Interval	24 DP-1	24 DP-1	24 DP-1	24 DP-1	30 DP-1	30 DP-1	30 DP-1
Days After Emergence	11 DE-	11 DE-	11 DE-	11 DE-	17 DE-	17 DE-	17 DE-
Trt Treatment							
No. Name	1	2	3	4	5	6	7
Rate							
Unit							
Appl Code							
17 Resolve	0.0 a	100.0 a	98.8 a	100.0 a	0.0 a	100.0 a	100.0 a
Atrazine	17.5 g ai/ha A	1120 g ai/ha A					
LSD (P=.05)	3.72	10.42	6.29	6.23	0.52	14.41	13.60
Standard Deviation	2.60	7.29	4.40	4.36	0.36	10.08	9.52
CV	188.07	7.92	4.82	4.74	824.62	11.06	10.37
Bartlett's X2	17.4	23.919	30.088	13.518	0.0	19.935	52.761
P(Bartlett's X2)	0.097	0.002*	0.002*	0.009*	.	0.011*	0.001*
Replicate F	2.840	0.098	0.615	0.750	1.000	0.116	0.902
Replicate Prob(F)	0.0476	0.9605	0.6088	0.5278	0.4010	0.9504	0.4473
Treatment F	1.295	42.959	118.326	122.812	1.000	22.355	26.577
Treatment Prob(F)	0.2390	0.0001	0.0001	0.0001	0.4727	0.0001	0.0001

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.

Pest Type	W Weed		W Weed	W Weed	W Weed	W Weed
Pest Code	CHEAL		AMBTR	SETFA	CHEAL	ABUTH
Pest Scientific Name	Chenopodium al>		Ambrosia trifl>	Setaria faberi	Chenopodium al>	Abutilon theop>
Pest Name	Common lambsqu>		Giant ragweed	Giant foxtail	Common lambsqu>	Velvetleaf
Crop Code	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
BBCH Scale	BCOR	BCOR	BCOR	BCOR	BCOR	BCOR
Crop Scientific Name	Zea mays					
Crop Name	Corn	Corn	Corn	Corn	Corn	Corn
Crop Variety	DKC 60-18					
Description	JD 7200; RR2/Y>					
Part Rated	PLOT P	PLOT C	PLOT P	PLOT P	PLOT P	PLOT P
Rating Date	5/22/2008	6/17/2008	6/17/2008	6/17/2008	6/17/2008	6/17/2008
Rating Type	CONTRO	PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit	%	%	%	%	%	%
Number of Subsamples	1	1	1	1	1	1
Crop Stage Majority	V2	V7	V7	V7	V7	V7
Crop Stage Minimum/Maximum	3-6"	24-30"	24-30"	24-30"	24-30"	24-30"
Pest Stage Minimum/Maximum	1-3"		12-28"	6-18"	6-24"	6-15"
Pest Density, Unit	1 YD2		2 YD2	6 FT2	1 YD2	1 YD2
Footnote Number						
Assessed By	GK	AR CB				
Rating Timing	28 DAT A	56 DAT A				
Days After First/Last Applic.	30 30	56 56	56 56	56 56	56 56	56 56
Trt-Eval Interval	30 DA-A	56 DA-A				
Plant-Eval Interval	30 DP-1	56 DP-1				
Days After Emergence	17 DE-	43 DE-				
Trt Treatment						
No. Name	8	9	10	11	12	13
Rate Unit Code						
17 Resolve	100.0 a	0.0 a	98.8 a	91.3 a	100.0 a	94.5 a
Atrazine	17.5 g ai/ha A					
	1120 g ai/ha A					
LSD (P=.05)	5.22	0.50	23.80	15.40	18.08	16.92
Standard Deviation	3.65	0.35	16.66	10.77	12.65	11.84
CV	3.94	589.14	19.01	12.4	15.17	13.78
Bartlett's X2	5.838	0.0	38.112	97.204	15.45	79.794
P(Bartlett's X2)	0.12	.	0.001*	0.001*	0.004*	0.001*
Replicate F	0.883	0.653	0.012	1.380	1.636	2.152
Replicate Prob(F)	0.4567	0.5849	0.9981	0.2602	0.1934	0.1059
Treatment F	174.917	0.918	7.758	26.611	22.917	16.624
Treatment Prob(F)	0.0001	0.5544	0.0001	0.0001	0.0001	0.0001

Purdue University

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Trial ID: 08S-THP-CTC-41 Protocol ID: 08S-THP-CTC-41
Location: Throckmorton Study Director: Melissa Kruger
Project ID: Investigator: Dr. Bill Johnson
Sponsor Contact:

Pest Type

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

Pest Code

AMBTR, Ambrosia trifida, = US

SETFA, Setaria faberi, = US

CHEAL, Chenopodium album, = US

ABUTH, Abutilon theophrasti, = US

Crop Code

ZEAMX, BCOR, Zea mays, = US

C = Crop is Part Rated

P = Pest is Part Rated

Rating Type

PHYGEN = phytotoxicity - general / injury

CONTRO = control / burndown or knockdown

Rating Unit

% = percent

YD2 = per square yard

FT2 = per square foot

Plant-Eval Interval

24 DP-1 = 1 4/22/2008

30 DP-1 = 1 4/22/2008

56 DP-1 = 1 4/22/2008

Footnote 1: Cold damage seen on corn

Footnote 2: Crop injury seen as buggy whipping