Purdue University

Tackle used as a burndown prior to planting and POST weeds.

Trial ID: 08S-THP-CTS-15 Protocol ID: 08S-THP-CTS-15
Location: TPAC 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: 6/10/2008 **Planned Completion Date:** 8/12/2008

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

Objectives:

The objective of the trial is to evaluate the efficacy of Tackle used as a burndown prior to planting and POST on weeds.

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:** wgj@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
Phone No.: 765-538-3422
City: Lafayette **Fax No.:** 765-538-3423
State/Prov: IN
Postal Code: 47909 **E-mail:** jayyoung@purdue.edu
Country: US

Crop Description

Crop 1: GLXMA Glycine max Soybean
Variety: AG 3306 **Description:** JD 7200; RR
BBCH Scale: BSOY **Planting Date:** 6/24/2008
Planting Method: DIRDRI direct drilled **Rate, Unit:** 130000 S/A
Depth, Unit: 1.25 IN
Row Spacing, Unit: 30 IN
Soil Temperature, Unit: 86 F
Emergence Date: 7/1/2008

Pest Description

Pest 1 Type: W **Code:** AMBTR Ambrosia trifida
Common Name: Giant ragweed

Pest 2 Type: W **Code:** SETFA Setaria faberi
Common Name: Giant foxtail

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
Plot Length, Unit: 30 FT
Plot Area, Unit: 300 FT2
Replications: 4

Site Type: FIELD field
Tillage Type: CONTIL conventional-till
Study Design: RACOBL Randomized Complete Block (RCB)
Untreated Arrangement: INCLUDED single control randomized in each block

Comment: -1869F

Field Prep./Maintenance:

Fall field was cultivated once

Spring field was disked twice and cultivated once

Soil Description

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

Analyzed By:

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

Additional Measured Elements

Element	Quantity	Unit
P	34	ppm
K	124	ppm
Mg	430	ppm
Ca	1400	ppm

Moisture and Weather Conditions

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

Application Description

	A	B
Application Date:	6/10/2008	7/10/2008
Time of Day:	8:30 PM	11:20 AM
Application Method:	SPRAY	SPRAY
Application Timing:	BRNDWN	POSPOS
Application Placement:	BROFOL	BROFOL
Applied By:	AR MK	VM MK
Air Temperature, Unit:	78 F	83 F
% Relative Humidity:	67	45
Wind Velocity, Unit:	1 MPH	3 MPH
Wind Direction:	W	SW
Dew Presence (Y/N):	N no	N no
Soil Temperature, Unit:	77 F	24 C
Soil Moisture:	MOIST	MOIST
% Cloud Cover:	0	20

Crop Stage At Each Application

	A	B
Crop 1 Code, BBCH Scale:	GLXMA BSOY	GLXMA BSOY
Stage Scale Used:	BBCH	BBCH
Stage Majority, Percent:	N/A	V1
Height, Unit:		3 IN
Height Minimum, Maximum:		2 4

Pest Stage At Each Application

	A	B

Pest 1 Code, Type, Scale:	AMBTR W	AMBTR W
Stage Majority, Percent:	3 node	
Stage Minimum, Percent:	Coty	
Stage Maximum, Percent:	5 node	
Height, Unit:	10 IN	30 IN
Height Minimum, Maximum:	0 18	12 48
Density, Unit:	75 YD2	34 YD2
Pest 2 Code, Type, Scale:	SETFA W	SETFA W
Stage Majority, Percent:	2 lf	
Stage Minimum, Percent:	1 lf	
Stage Maximum, Percent:	4 lf	
Height, Unit:	5 IN	12 IN
Height Minimum, Maximum:	1 6	6 18
Density, Unit:	50 FT2	175 FT2
Pest 3 Code, Type, Scale:	ABUTH W	ABUTH W
Stage Majority, Percent:	1 lf	
Stage Minimum, Percent:	Coty	
Stage Maximum, Percent:	2 lf	
Height, Unit:	1 IN	10 IN
Height Minimum, Maximum:	0 2	6 12
Density, Unit:	3 YD2	4 YD2
Pest 4 Code, Type, Scale:	CHEAL W	CHEAL W
Stage Majority, Percent:	2 lf	
Stage Minimum, Percent:	2 lf	
Stage Maximum, Percent:	4lf	
Height, Unit:	2 IN	
Height Minimum, Maximum:	0 3	
Density, Unit:	1 YD2	

Application Equipment

	A	**B**
Appl. Equipment:	CO2 Backpack	CO2 Backpack
Operating Pressure, Unit:	17 PSI	17 PSI
Nozzle Type:	Flat Fan	Flat Fan
Nozzle Size:	XR11002	XR11002
Nozzle Spacing, Unit:	15 IN	15 IN
Nozzles/Row:	6	6
Boom Length, Unit:	7.5 FT	7.5 FT
Boom Height, Unit:	18 IN	18 IN
Ground Speed, Unit:	3 MPH	3 MPH
Carrier:	H2O	H2O
Water Hardness (ppm CaCO3):	150	150
Spray Volume, Unit:	15 GAL/AC	15 GAL/AC
Mix Size, Unit:	1.8 Liters	1.8 Liters
Propellant:	CO2	CO2
Tank Mix (Y/N):	N no	N no

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Trial ID: 08S-THP-CTS-15 Protocol ID: 08S-THP-CTS-15
Location: TPAC Study Director: Melissa Kruger
Project ID: Investigator: Dr. Bill Johnson
Sponsor Contact:

Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	1	2	3	4	5	6	7
	Pest Type				W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
	Pest Code				SETFA	AMBTR	ABUTH	SETFA	AMBTR	ABUTH	
	Pest Scientific Name				Setaria faberi	Ambrosia trifi>	Abutilon theop>	Setaria faberi	Ambrosia trifi>	Abutilon theop>	
	Pest Name				Giant foxtail	Giant ragweed	Velvetleaf	Giant foxtail	Giant ragweed	Velvetleaf	
	Crop Code				GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
	BBCH Scale				BSOY	BSOY	BSOY	BSOY	BSOY	BSOY	BSOY
	Crop Scientific Name				Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max
	Crop Name				Soybean	Soybean	Soybean	Soybean	Soybean	Soybean	Soybean
	Crop Variety				AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306
	Description				JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR
	Part Rated				PLOT P	PLOT P	PLOT P	PLOT P	PLOT P	PLOT P	PLOT C
	Rating Date				6/26/2008	6/26/2008	6/26/2008	7/9/2008	7/9/2008	7/9/2008	7/16/2008
	Rating Type				CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN
	Rating Unit				%	%	%	%	%	%	%
	Number of Subsamples				1	1	1	1	1	1	1
	Crop Stage Majority				N/A	N/A	N/A	V1	V1	V1	V2
	Crop Stage Minimum/Maximum							2-4"	2-4"	2-4"	8-10"
	Pest Stage Majority										
	Pest Stage Minimum/Maximum				2-14"	2-36"	2-12"	6-18"	12-48"	6-12"	
	Pest Density, Unit				175 FT2	34 YD2	4 YD2	175 FT2	34 YD2	4 YD2	
	Assessed By				MK	MK	MK	WGJ AR	WGJ AR	WGJ AR	AR JM
	Days After First/Last Applic.				16 16	16 16	16 16	29 29	29 29	29 29	36 6
	Plant-Eval Interval				2 DP-1	2 DP-1	2 DP-1	15 DP-1	15 DP-1	15 DP-1	22 DP-1
	Days After Emergence				-5 DE-	-5 DE-	-5 DE-	8 DE-1	8 DE-1	8 DE-1	15 DE-
1	Extreme	0.81	lb ai/a	A	99.8 a	95.0 a	98.0 ab	94.8 a	83.8 ab	86.3 a	0.8 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
	NIS	1	% v/v	A							
2	Tackle	1	lb ai/a	A	99.3 a	98.3 a	99.8 a	94.3 a	91.5 a	100.0 a	0.5 b
3	Tackle	1	lb ai/a	A	98.5 a	90.8 a	100.0 a	92.5 a	80.0 ab	100.0 a	0.3 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
4	Tackle	1	lb ai/a	A	99.3 a	92.5 a	100.0 a	94.5 a	88.8 ab	100.0 a	1.3 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
	NIS	1	% v/v	A							
5	Untreated				0.0 b	0.0 b	0.0 c	0.0 c	0.0 c	0.0 b	0.0 b
6	Tackle	1	lb ai/a	A	98.5 a	93.8 a	99.8 a	93.8 a	85.0 ab	100.0 a	1.0 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
7	Roundup PowerMAX	12.4	oz ae/a	A	98.5 a	90.5 a	98.5 ab	70.0 b	70.0 b	70.0 a	0.3 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
8	Roundup PowerMAX	12.4	oz ae/a	A	99.3 a	91.8 a	96.0 b	78.8 b	77.5 ab	70.0 a	0.8 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
9	Roundup PowerMAX	12.4	oz ae/a	A	99.0 a	91.8 a	98.8 ab	75.0 b	73.8 ab	90.0 a	1.5 b
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
	NIS	0.125	% v/v	B							

Pest Type						W Weed	W Weed	W Weed	W Weed	W Weed	W Weed
Pest Code						SETFA	AMBTR	ABUTH	SETFA	AMBTR	ABUTH
Pest Scientific Name						Setaria faberi	Ambrosia trifi>	Abutilon theop>	Setaria faberi	Ambrosia trifi>	Abutilon theop>
Pest Name						Giant foxtail	Giant ragweed	Velvetleaf	Giant foxtail	Giant ragweed	Velvetleaf
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale					BSOY	BSOY	BSOY	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name					Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name					Soybean	Soybean	Soybean	Soybean	Soybean	Soybean	Soybean
Crop Variety					AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306
Description					JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR
Part Rated					PLOT C	PLOT P	PLOT P	PLOT P	PLOT P	PLOT P	PLOT P
Rating Date					7/23/2008	7/23/2008	7/23/2008	7/23/2008	8/12/2008	8/12/2008	8/12/2008
Rating Type					PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit					%	%	%	%	%	%	%
Number of Subsamples					1	1	1	1	1	1	1
Crop Stage Majority					V3-V4	V3-V4	V3-V4	V3-V4	R2-R4	R2-R4	R2-R4
Crop Stage Minimum/Maximum					6-9"	6-9"	6-9"	6-9"	18-24"	18-24"	18-24"
Pest Stage Majority									3-8 LF	5-20 N	4-5 N
Pest Stage Minimum/Maximum						12-36"	2-6'	12-48"	24-48"	24-84"	6-18"
Pest Density, Unit						175 YD2	34 YD2	4 YD2	73 YD2	38 YD2	1 YD2
Assessed By					VMD	VMD	VMD	VMD	PM/JM	PM/JM	PM/JM
Days After First/Last Applic.					43 13	43 13	43 13	43 13	63 33	63 33	63 33
Plant-Eval Interval					29 DP-1	29 DP-1	29 DP-1	29 DP-1	49 DP-1	49 DP-1	49 DP-1
Days After Emergence					22 DE-	22 DE-	22 DE-	22 DE-	42 DE-	42 DE-	42 DE-
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	8	9	10	11	12	13	14
1	Extreme	0.81	lb ai/a	A	2.8 a	88.8 b	90.0 a	99.8 a	26.3 b	43.8 b	77.5 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	NIS	1	% v/v	A							
2	Tackle	1	lb ai/a	A	1.3 a	85.3 b	90.8 a	100.0 a	10.0 c	40.0 b	100.0 a
3	Tackle	1	lb ai/a	A	0.0 a	81.5 c	86.0 a	100.0 a	7.5 c	27.5 b	96.3 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
4	Tackle	1	lb ai/a	A	1.5 a	87.0 b	90.0 a	99.5 a	37.5 b	46.3 b	100.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	NIS	1	% v/v	A							
5	Untreated				0.0 a	0.0 d	0.0 b	0.0 c	0.0 c	0.0 c	0.0 b
6	Tackle	1	lb ai/a	A	0.0 a	100.0 a	98.5 a	100.0 a	94.0 a	95.5 a	100.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
7	Roundup PowerMAX	12.4	oz ae/a	A	1.8 a	99.8 a	97.5 a	96.3 b	92.0 a	93.3 a	90.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
8	Roundup PowerMAX	12.4	oz ae/a	A	2.0 a	100.0 a	98.8 a	99.8 a	92.0 a	97.5 a	100.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
9	Roundup PowerMAX	12.4	oz ae/a	A	2.5 a	100.0 a	98.8 a	99.8 a	90.8 a	96.3 a	100.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Tackle	1	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
	NIS	0.125	% v/v	B							

Pest Type					W Weed	W Weed	W Weed	W Weed	W Weed	W Weed	
Pest Code					SETFA	AMBTR	ABUTH	SETFA	AMBTR	ABUTH	
Pest Scientific Name					Setaria faberi	Ambrosia trifi>	Abutilon theop>	Setaria faberi	Ambrosia trifi>	Abutilon theop>	
Pest Name					Giant foxtail	Giant ragweed	Velvetleaf	Giant foxtail	Giant ragweed	Velvetleaf	
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale					BSOY	BSOY	BSOY	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name					Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name					Soybean	Soybean	Soybean	Soybean	Soybean	Soybean	Soybean
Crop Variety					AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306
Description					JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR
Part Rated					PLOT P	PLOT P	PLOT P	PLOT P	PLOT P	PLOT P	PLOT C
Rating Date					6/26/2008	6/26/2008	6/26/2008	7/9/2008	7/9/2008	7/9/2008	7/16/2008
Rating Type					CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	PHYGEN
Rating Unit					%	%	%	%	%	%	%
Number of Subsamples					1	1	1	1	1	1	1
Crop Stage Majority					N/A	N/A	N/A	V1	V1	V1	V2
Crop Stage Minimum/Maximum								2-4"	2-4"	2-4"	8-10"
Pest Stage Majority											
Pest Stage Minimum/Maximum					2-14"	2-36"	2-12"	6-18"	12-48"	6-12"	
Pest Density, Unit					175 FT2	34 YD2	4 YD2	175 FT2	34 YD2	4 YD2	
Assessed By					MK	MK	MK	WGJ AR	WGJ AR	WGJ AR	AR JM
Days After First/Last Applic.					16 16	16 16	16 16	29 29	29 29	29 29	36 6
Plant-Eval Interval					2 DP-1	2 DP-1	2 DP-1	15 DP-1	15 DP-1	15 DP-1	22 DP-1
Days After Emergence					-5 DE-	-5 DE-	-5 DE-	8 DE-1	8 DE-1	8 DE-1	15 DE-
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	1	2	3	4	5	6	7
10	Roundup PowerMAX	12.4	oz ae/a	A	99.0 a	92.5 a	99.5 a	71.3 b	76.3 ab	90.0 a	7.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Extreme	0.81	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
	NIS	0.125	% v/v	B							
LSD (P=.05)					0.86	5.81	2.34	9.14	12.51	19.71	2.13
Standard Deviation					0.59	4.00	1.61	6.30	8.62	13.58	1.47
CV					0.66	4.78	1.81	8.23	11.87	16.85	110.88
Bartlett's X2					4.043	4.15	19.539	10.129	5.731	3.053	17.724
P(Bartlett's X2)					0.671	0.843	0.003*	0.256	0.677	0.549	0.023*
Replicate F					0.574	5.327	2.093	0.952	2.335	2.054	2.081
Replicate Prob(F)					0.6367	0.0052	0.1246	0.4293	0.0963	0.1300	0.1262
Treatment F					11262.640	217.064	1512.486	83.571	37.450	20.318	7.775
Treatment Prob(F)					0.0001	0.0001	0.0001	0.0001	0.0001	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	W Weed	W Weed
Pest Code						SETFA	AMBTR	ABUTH	SETFA	AMBTR	ABUTH
Pest Scientific Name						Setaria faberi	Ambrosia trifi>	Abutilon theop>	Setaria faberi	Ambrosia trifi>	Abutilon theop>
Pest Name						Giant foxtail	Giant ragweed	Velvetleaf	Giant foxtail	Giant ragweed	Velvetleaf
Crop Code					GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale					BSOY	BSOY	BSOY	BSOY	BSOY	BSOY	BSOY
Crop Scientific Name					Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max	Glycine max
Crop Name					Soybean	Soybean	Soybean	Soybean	Soybean	Soybean	Soybean
Crop Variety					AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306	AG 3306
Description					JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR	JD 7200; RR
Part Rated					PLOT C	PLOT P	PLOT P	PLOT P	PLOT P	PLOT P	PLOT P
Rating Date					7/23/2008	7/23/2008	7/23/2008	7/23/2008	8/12/2008	8/12/2008	8/12/2008
Rating Type					PHYGEN	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Rating Unit					%	%	%	%	%	%	%
Number of Subsamples					1	1	1	1	1	1	1
Crop Stage Majority					V3-V4	V3-V4	V3-V4	V3-V4	R2-R4	R2-R4	R2-R4
Crop Stage Minimum/Maximum					6-9"	6-9"	6-9"	6-9"	18-24"	18-24"	18-24"
Pest Stage Majority									3-8 LF	5-20 N	4-5 N
Pest Stage Minimum/Maximum						12-36"	2-6'	12-48"	24-48"	24-84"	6-18"
Pest Density, Unit						175 YD2	34 YD2	4 YD2	73 YD2	38 YD2	1 YD2
Assessed By					VMD	VMD	VMD	VMD	PM/JM	PM/JM	PM/JM
Days After First/Last Applic.					43 13	43 13	43 13	43 13	63 33	63 33	63 33
Plant-Eval Interval					29 DP-1	29 DP-1	29 DP-1	29 DP-1	49 DP-1	49 DP-1	49 DP-1
Days After Emergence					22 DE-	22 DE-	22 DE-	22 DE-	42 DE-	42 DE-	42 DE-
Trt No.	Treatment Name	Rate	Rate Unit	Appl Code	8	9	10	11	12	13	14
10	Roundup PowerMAX	12.4	oz ae/a	A	4.3 a	100.0 a	98.3 a	100.0 a	95.8 a	95.3 a	100.0 a
	Ammonium Sulfate	17	lb ai/100 gal	A							
	Extreme	0.81	lb ai/a	B							
	Ammonium Sulfate	17	lb ai/100 gal	B							
	NIS	0.125	% v/v	B							
LSD (P=.05)					4.08	3.67	8.18	1.22	14.88	19.08	14.60
Standard Deviation					2.81	2.53	5.63	0.84	10.26	13.15	10.06
CV					175.87	3.0	6.64	0.94	18.8	20.7	11.65
Bartlett's X2					3.408	11.544	44.507	13.319	26.393	37.596	5.139
P(Bartlett's X2)					0.756	0.021*	0.001*	0.01*	0.001*	0.001*	0.077
Replicate F					0.892	0.858	7.010	2.368	0.541	5.821	1.192
Replicate Prob(F)					0.4577	0.4746	0.0012	0.0929	0.6582	0.0033	0.3314
Treatment F					0.963	581.121	114.793	5628.632	66.031	30.122	38.496
Treatment Prob(F)					0.4909	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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Tackle used as a burndown prior to planting and POST weeds.

Trial ID:	08S-THP-CTS-15	Protocol ID:	08S-THP-CTS-15
Location:	TPAC	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
SETFA, Setaria faberi, = US
AMBTR, Ambrosia trifida, = US
ABUTH, Abutilon theophrasti, = US
Crop Code
GLXMA, BSOY, Glycine max, = US

P = Pest is Part Rated
C = Crop is Part Rated
Rating Type
CONTRO = control / burndown or knockdown
PHYGEN = phytotoxicity - general / injury
Rating Unit
% = percent

FT2 = per square foot
YD2 = per square yard
Plant-Eval Interval
2 DP-1 = 1 6/24/2008
15 DP-1 = 1 6/24/2008
22 DP-1 = 1 6/24/2008
29 DP-1 = 1 6/24/2008
49 DP-1 = 1 6/24/2008