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Country: UNITED STATES OF AMERICA Region: NJ Trial Use: Normal
 Discipline: HERBICIDE Sequence: 001 Year: 2009
 Trial Id.: USNJ0H0012009 Protocol Id.: HDEB01A4-2009US Revision Date: JAN21
 Master Protocol Id.:

Trial Origin: COOPERATOR TRIAL Licensee: Dr. Bill Johnson GEP: N

Title: Flexstar GT Sales Support - Evaluation of Flexstar GT weed control programs in GT soybean.

SITE AND DESIGN

Plot Width: 10 Unit: FT Plot Length: 30 Unit: FT Plot Area: 300.0 Unit: FT2 No Reps: 4 No Treats: 7

Site Description Event Date: 5-12-2009 Plot Items: 1.0 Plot Unit: PLOT Study Design: RACOB
 Trial Location: LAFAYETTE Farm/Station Name: THROCKMORTON
 County: TIPPECANOE Farm Manager: JAY YOUNG
 State/Province: IN Street: 8343 US 231 South
 Postal Code: 47909 City+State/Prov: Lafayette
 Postal Code: 47909 Country: UNITED STATES OF AMERICA

Soil Texture: SILT LOAM
 Tillage Type: NO-TILL

GENERAL TRIAL INFORMATION

Initiation Date: 4-10-2009 Protocol Id.: HDEB01A4-2009US
 Title: Flexstar GT Sales Support - Evaluation of Flexstar GT weed control programs in GT soybean.
 Intl./Overall Protocol Owner: Don Porter Investigator: Dr. Bill Johnson
 Local Protocol Responsibility: Dain Bruns Title: BR&D Scientist
 Affiliation: Syngenta

TRIAL STATUS

Date: 4-10-2009 TRIAL STATUS: ESTABLISHED
 Comment: Generated by ARM

SEED DESCRIPTION

1. Date: 5-12-2009 Area: Trial Crop: GLYCINE MAX Var: AG3306
 Source: ASGROW

CROP OCCURRENCE

	1.
Date:	5-12-2009
Area:	Trial
Crop:	SOYBEANS
Crop Code:	GLXMA
BBCH Scale:	BSOY
Variety:	AG3306
Seed Description:	1
Planting Date:	5-12-2009
Emergence Date:	5-24-2009
PL. TYPE:	PLANTING OF SEEDS
Planting Depth Min, Max, Unit:	1.0 1.25 IN
Row Spacing, Unit:	15.0 IN
Spacing Within Row, Unit:	2.5 IN
Planting Rate, Unit:	160000.0 P/A
Method:	DIRECT DRILLED

PEST OCCURRENCE

	1.	2.	3.	4.	5.
Date:	6-18-2009	6-18-2009	6-18-2009	6-18-2009	6-23-2009
Area:	Trial	Trial	Trial	Trial	Trial
Pest:	TARAXACUM OFFICINALE	AMBROSIA TRIFIDA	SETARIA FABERI	CHENOPODIUM ALBUM	SETARIA FABERI
Pest Code:	TAROF	AMBTR	SETFA	CHEAL	SETFA
Stage Scale:	BDIC	BBCH	BGRM	BBCH	BGRM
OCCURRENCE TYPE:	OCCURRED	OCCURRED	OCCURRED	OCCURRED	OCCURRED

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	6.	7.	8.	9.	10.
Date:	6-23-2009	6-23-2009	7-10-2009	7-10-2009	7-10-2009
Area:	Trial	Trial	Trial	Trial	Trial
Pest:	AMBROSIA TRIFIDA	TARAXACUM OFFICINALE	AMBROSIA TRIFIDA	SETARIA FABERI	AMARANTHUS SP.
Pest Code:	AMBTR	TAROF	AMBTR	SETFA	AMASS
Stage Scale:	BBCH	BDIC	BBCH	BGRM	BDWE
OCCURRENCE TYPE:	OCCURRED	OCCURRED	OCCURRED	OCCURRED	OCCURRED

	11.
Date:	6-29-2009
Area:	Trial
Pest:	PANICUM DICHOTOMIFLORUM
Pest Code:	PANDI
Stage Scale:	BBCH
OCCURRENCE TYPE:	OCCURRED

CROP DEVELOPMENT

	1.	2.	3.	4.	5.	6.
Date:	5-12-2009	6-18-2009	6-23-2009	7-10-2009	8-6-2009	11-6-2009
Crop:	1 SOYBEANS	1 SOYBEANS	1 SOYBEANS	1 SOYBEANS	1 SOYBEANS	1 SOYBEANS
Crop Code:	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
BBCH Scale:	BSOY	BSOY	BSOY	BSOY	BSOY	BSOY
Variety:	AG3306	AG3306	AG3306	AG3306	AG3306	AG3306
Dev. Stage Min, Max:		11 12	13 14	61 65	73 73	89 89
Dev. Stage Majority:		12	14	65	73	89
Height Min, Max, Unit:		1.0 6.0 IN	4.0 8.0 IN	10.0 18.0 IN	30.0 36.0 IN	

Tree/Crop Row Volume Information						
Height Total (m):		0.09	0.15	0.36	0.84	

PEST DEVELOPMENT

	1.	2.	3.	4.
Date:	6-18-2009	6-18-2009	6-18-2009	6-18-2009
Pest:	1 TARAXACUM OFFICINALE	2 AMBROSIA TRIFIDA	3 SETARIA FABERI	4 CHENOPODIUM ALBUM
Pest Code:	TAROF	AMBTR	SETFA	CHEAL
Stage Scale:	BDIC	BBCH	BGRM	BBCH
Dev. Stage Min, Max:	39 39	09 14	11 14	11 18
Dev. Stage Majority:	39	12	12	14
Density Min, Max, Majority:	0.0 3.0 2.0	0.0 1.0 1.0	2.0 30.0 16.0	0.0 5.0 2.5
Unit:	PER SQUARE METER	PER SQUARE METER	PER SQUARE METER	PER SQUARE METER
Height Min, Max, Unit:	0.0 5.0 IN	0.0 2.0 IN	0.0 6.0 IN	0.0 5.0 IN
Natural Incidence:	Y	Y	Y	Y

	5.	6.	7.	8.
Date:	6-23-2009	6-23-2009	6-23-2009	7-10-2009
Pest:	5 SETARIA FABERI	6 AMBROSIA TRIFIDA	7 TARAXACUM OFFICINALE	8 AMBROSIA TRIFIDA
Pest Code:	SETFA	AMBTR	TAROF	AMBTR
Stage Scale:	BGRM	BBCH	BDIC	BBCH
Dev. Stage Min, Max:	09 12	10 16	31 31	14 18
Dev. Stage Majority:	10	14	31	16
Density Min, Max, Majority:	3.0 10.0 6.5	0.0 1.0 1.0	1.0 2.0 1.5	1.0 5.0 2.5
Unit:	PER SQUARE METER	PER SQUARE METER	PER SQUARE METER	PER SQUARE METER
Height Min, Max, Unit:	0.0 10.0 IN	0.0 4.0 IN	0.0 3.0 IN	2.0 24.0 IN
Natural Incidence:	Y	Y	Y	Y

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	9.	10.	11.
Date:	7-10-2009	7-10-2009	6-29-2009
Pest:	9 SETARIA FABERI	10 AMARANTHUS SP.	11 PANICUM DICHOTOMIFLORUM
Pest Code:	SETFA	AMASS	PANDI
Stage Scale:	BGRM	BDWE	BBCH
Dev. Stage Min, Max:	12 18	31 33	12 18
Dev. Stage Majority:	15	32	14
Density Min, Max, Majority:	10.0 50.0 30.0	1.0 2.0 1.5	1.0 10.0 5.0
Unit:	PER SQUARE METER	PER SQUARE METER	PER SQUARE YARD
Height Min, Max, Unit:	1.0 18.0 IN	2.0 6.0 IN	2.0 10.0 IN
Natural Incidence:	Y	Y	Y

	12.	13.
Date:	8-6-2009	8-6-2009
Pest:	8 AMBROSIA TRIFIDA	9 SETARIA FABERI
Pest Code:	AMBTR	SETFA
Stage Scale:	BBCH	BGRM
Dev. Stage Min, Max:	65 65	65 65
Dev. Stage Majority:		
Density Min, Max, Majority:	0.0 10.0	5.0 50.0
Unit:	PER SQUARE YARD	
Height Min, Max, Unit:	12.0 60.0 IN	6.0 48.0 IN
Natural Incidence:	Y	Y

WEATHER DESCRIPTION

1. **Date:** 5-12-2009 **Air Temp. Min:** 75.0 **Max:** 75.0 **Unit:** F **% Rel. Humidity Min:** 34.0 **Max:** 34.0
Wind Velocity Min: 6.0 **Max:** 9.0 **Unit:** MPH **Wind Direction:** SSE
Sky Condition: CLEAR **Rain 24 Hours before:** NONE
2. **Date:** 6-18-2009 **Air Temp. Min:** 80.0 **Max:** 80.0 **Unit:** F **% Rel. Humidity Min:** 72.0 **Max:** 72.0
Wind Velocity Min: 1.0 **Max:** 4.0 **Unit:** MPH **Wind Direction:** W
Sky Condition: 40% cloud cover
3. **Date:** 6-23-2009 **Air Temp. Min:** 77.0 **Max:** 77.0 **Unit:** F **% Rel. Humidity Min:** 77.0 **Max:** 77.0
Wind Velocity Min: 1.0 **Max:** 2.0 **Unit:** MPH **Wind Direction:** E
Sky Condition: 0% cloud cover
4. **Date:** 7-10-2009 **Air Temp. Min:** 69.0 **Max:** 69.0 **Unit:** F **% Rel. Humidity Min:** 86.0 **Max:** 86.0
Wind Velocity Min: 3.0 **Max:** 3.0 **Unit:** MPH **Wind Direction:** SE
Sky Condition: 85% cloud cover

No.	Date	Soil Temp.	Unit	Soil Moisture Condition
1.	5-12-2009	64.0	F	dry
2.	6-18-2009	74.0	F	wet
3.	6-23-2009	75.0	F	moist
4.	7-10-2009	70.0	F	dry

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APPLICATION				
		B	C	D
Application Date/Time:	5-12-2009 5:00 PM	6-18-2009 2:15 PM	6-23-2009 6:50 AM	7-10-2009 6:49 AM
Applied By:	CB	RH	GK	PM
Target (Crop):	1 GLXMA	2 GLXMA	3 GLXMA	4 GLXMA
Variety (Crop):	AG3306	AG3306	AG3306	AG3306
Development (Crop):		11 12	13 14	61 65
Weather:	1	2	3	4
Soil:	1	2	3	4
Equipment Name:	BACKPACK CO2	BACKPACK CO2	BACKPACK CO2	BACKPACK CO2
Application Equipment:	BOOSPH	BOOSPH	BOOSPH	BOOSPH
Pressure, Unit:	17.0 PSI	17.0 PSI	17.0 PSI	17.0 PSI
Nozzle Type:	FLAFAN	FLAFAN	FLAFAN	FLAFAN
Nozzle Description:	XR11002	XR11002	XR11002	XR11002
Nozzle Spacing, Unit:	15.0 IN	15.0 IN	15.0 IN	15.0 IN
Boom Length, Unit:	10.0 FT	10.0 FT	10.0 FT	10.0 FT
Boom Height, Unit:	18.0 IN	18.0 IN	18.0 IN	18.0 IN
Ground Speed, Unit:	3.0 MPH	3.0	3.0	3.0
Dew Presence (Y/N):	N	N	Y	Y
Application Timing:	PREPRE	EAPOWE	POSPOS	LAPOWE
Applic. Placement:	BROSOI	BROFOL	BROFOL	BROFOL

No.	Date	Area	Laboratory Name	pH/KCL	pH/H2O	CEC	Soil Texture
1.	5-12-2009	Trial	A&L GREAT LAKES LABORATORIES	6.0	11.1		SILT LOAM
			Comment: REPORT # F04048-0006				
			Soil Component:				
			Soil Element:	P: 53.0 PPM	K: 208.0 PPM	Ca: 1100.0 PPM	Mg: 325.0 PPM

INOCULATION/INFESTATION	
1.	
Code	Comment
1.	
Area Name	Treatment Numbers in Area
1.	

INSTRUCTIONS	
CROPS:	SOYBEANS
TARGETS:	gly-R ANNUAL DICOT WEEDS, ANNUAL GRASS WEEDS
OBJECTIVE:	Evaluate Flexstar GT programs for crop tolerance, weed control, and soybean yield on glyphosate resistant or tolerant weeds.
CRITICAL PROTOCOL TASKS:	To EPOST, MPOST, and LPOST applications, add MSO at 1% v/v if confirmed glyphosate resistant weeds are > 2 inches in height or if glyphosate susceptible/tolerant weeds are under adverse growing conditions - researcher to choose a MSO, then indicate the brand in the trial notes.
	The Roundup PowerMax rate is 1,120 g ae/ha (28 fl oz/A) to match the 1,120 g ae/ha glyphosate applied in 3.0 pt/A of Flexstar GT.
	Key weeds: waterhemp, lambsquarters, ragweeds, and marestail. Note: If possible place at a different location than the Syngenta BR&D Flexstar GT trial(s)
EXPERIMENTAL DESIGN AND PLOT DIMENSIONS:	RCBD with 3 to 4 replications.
TREATMENT DETAILS:	Application timings: - A = PRE - B = EPOST, 2 - 4" weeds - C = MPOST, 4 - 6" weeds - D = LPOST, 14 - 21 d after B (EPOST) - 15 GPA - Do not use air induction nozzles

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ASSESSMENT DETAILS:

- % Crop Injury: Evaluate at 5-7 days after MPOST and LPOST applications.
- % Weed Control: Evaluate at 5-7 days after MPOST and LPOST applications and a rating 21-28 days after the LPOST application.
- Soybean yield (bu/A)

REPORT DATA BY: 10/22/2010

OTHER NOTES:

REGIONAL TREATMENTS - Add to treatment list if possible

- Note: to following treatments, add MSO at 1 %v/v if confirmed glyphosate resistant weeds are > than 2 inches in height or if glyphosate susceptible/tolerant weeds are under adverse growing conditions.

- 7: Optill (researcher chooses best rate) (PRE) fb Flexstar GT at 3 pts/A + AMS at 8.5 lbs/100 (MPOST)
- 8: Authority First at 3.22 oz/A (PRE) fb Flexstar GT at 3 pts/A + AMS at 8.5 lbs/100 (MPOST)
- 9: Flexstar GT at 3 pts/A + Harmony SG with Total Sol at 1/16 oz/A + AMS at 8.5 lbs/100 (M-POST)

Assessment Tasks

No.	Timing ID	SE Name	SE Description	Part Assess	Assess Data Type	Assess Unit	Samples per 1 Collect. basis	Sample Unit	Coll. Basis	Basis Unit	Reporting Basis	Reporting Basis Unit	Asmt Type	Asmt Sub Type	Calc Type	Scale Type	Scale Min
1.	1	ZUSX001	%Phyto-General	PLAN T	PHYGE N	%	1	PLOT	1	PLO T	1	PLOT	NO R	RAW	NC	S	0
2.	2	ZUSW001	%Control	PLAN T	CONTR O	%	1	PLOT	1	PLO T	1	PLOT	NO R	RAW	NC	S	0
No.	Timing ID																
1.	1																
2.	2																

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Assessment Date	6-29-2009 12:00 AM	7-17-2009 12:00 AM	7-17-2009 12:00 AM
Assessed By	PM	PM/RH	PM/RH
Crop Code	3 GLXMA	4 GLXMA	4 GLXMA
Crop Variety	AG3306	AG3306	AG3306
Crop Development	13 14	61 65	61 65
Pest Code	11 PANDI	8 AMBTR	9 SETFA
Pest Development	12 18	14 18	12 18
SE Group No.	1	2	3
Assessment Data Type	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%
Assessment Type, Sub-Type	NOR RAW	NOR RAW	NOR RAW
Number of Subsamples	1	1	1
ARM Action Codes			
Days After Planting	48DAP-1	66DAP-1	66DAP-1
Days After Last Application	6	7	7
No. Decimals Reported			
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Applic. Code
	4	5	6
1 UNTREATED		0.0 b	0.0 b
2 BOUNDARY 6.5 EC	1360.0 gai/ha	A	75.0 a
N-PAK AMS LIQUID	2.5 %v/v	C	
FLEXSTAR GT 3.31 SL	1390.0 gae/ha	C	
DESTINY	1.0 %v/v	C	
3 N-PAK AMS LIQUID	2.5 %v/v	B	100.0 a
FLEXSTAR GT 3.31 SL	1040.0 gae/ha	B	
DESTINY	1.0 %v/v	B	
N-PAK AMS LIQUID	2.5 %v/v	D	
FLEXSTAR GT 3.31 SL	1040.0 gae/ha	D	
DESTINY	1.0 %v/v	D	
4 N-PAK AMS LIQUID	2.5 %v/v	C	100.0 a
FLEXSTAR GT 3.31 SL	1390.0 gae/ha	C	
DESTINY	1.0 %v/v	C	
5 N-PAK AMS LIQUID	2.5 %v/v	C	98.0 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C	
COBRA 2 EC	175.0 gai/ha	C	
DESTINY	1.0 %v/v	C	
6 N-PAK AMS LIQUID	2.5 %v/v	C	97.5 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C	
RESOURCE	22.6 gai/ha	C	
DESTINY	1.0 %v/v	C	
7 N-PAK AMS LIQUID	2.5 %v/v	C	100.0 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C	
DESTINY	1.0 %v/v	C	
LSD (P=.05)	29.55	4.10	4.13
Standard Deviation	19.81	2.75	2.77
CV	24.3	3.25	3.29
Bartlett's X2	14.883	9.312	5.467
P(Bartlett's X2)	0.001*	0.01*	0.243
Replicate F	0.811	0.777	0.473
Replicate Prob(F)	0.5050	0.5228	0.7053
Treatment F	14.004	738.930	717.626
Treatment Prob(F)	0.0001	0.0001	0.0001

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Assessment Date	8-6-2009 12:00 AM		8-6-2009 12:00 AM	11-6-2009 12:00 AM		
Assessed By	PM		PM	PM		
Crop Code	5 GLXMA		5 GLXMA	6 GLXMA		
Crop Variety	AG3306		AG3306	AG3306		
Crop Development	73 73		73 73	89 89		
Pest Code	12 AMBTR		13 SETFA			
Pest Development	65 65		65 65			
SE Group No.	4		5	6		
Assessment Data Type	CONTRO		CONTRO	YIELD		
Assessment Unit	%		%	LB		
Assessment Type, Sub-Type	NOR RAW		NOR RAW	NOR RAW		
Number of Subsamples	1		1	1		
ARM Action Codes						
Days After Planting	86DAP-1		86DAP-1	178DAP-1		
Days After Last Application	27		27	119		
No. Decimals Reported						
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Applic. Code	7	8	9
1 UNTREATED				0.0 c	0.0 c	16.45 a
2 BOUNDARY 6.5 EC	1360.0 gai/ha	A		100.0 a	99.5 a	19.48 a
N-PAK AMS LIQUID	2.5 %v/v	C				
FLEXSTAR GT 3.31 SL	1390.0 gae/ha	C				
DESTINY	1.0 %v/v	C				
3 N-PAK AMS LIQUID	2.5 %v/v	B		100.0 a	99.5 a	19.30 a
FLEXSTAR GT 3.31 SL	1040.0 gae/ha	B				
DESTINY	1.0 %v/v	B				
N-PAK AMS LIQUID	2.5 %v/v	D				
FLEXSTAR GT 3.31 SL	1040.0 gae/ha	D				
DESTINY	1.0 %v/v	D				
4 N-PAK AMS LIQUID	2.5 %v/v	C		100.0 a	99.5 a	19.30 a
FLEXSTAR GT 3.31 SL	1390.0 gae/ha	C				
DESTINY	1.0 %v/v	C				
5 N-PAK AMS LIQUID	2.5 %v/v	C		93.3 b	95.9 b	18.55 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C				
COBRA 2 EC	175.0 gai/ha	C				
DESTINY	1.0 %v/v	C				
6 N-PAK AMS LIQUID	2.5 %v/v	C		95.8 ab	98.3 a	19.60 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C				
RESOURCE	22.6 gai/ha	C				
DESTINY	1.0 %v/v	C				
7 N-PAK AMS LIQUID	2.5 %v/v	C		99.5 a	99.0 a	20.63 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C				
DESTINY	1.0 %v/v	C				
LSD (P=.05)				3.10	1.80	3.136
Standard Deviation				2.08	1.21	2.111
CV				2.47	1.43	11.08
Bartlett's X2				4.757	4.014	8.837
P(Bartlett's X2)				0.093	0.547	0.183
Replicate F				0.228	2.565	0.552
Replicate Prob(F)				0.8755	0.0887	0.6531
Treatment F				1278.800	3830.612	1.511
Treatment Prob(F)				0.0001	0.0001	0.2306

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Assessment Date	11-6-2009 12:00 AM		
Assessed By	PM		
Crop Code	6 GLXMA		
Crop Variety	AG3306		
Crop Development	89 89		
Pest Code			
Pest Development			
SE Group No.	7		
Assessment Data Type	YIELD		
Assessment Unit	BU		
Assessment Type, Sub-Type	YLD YLR		
Number of Subsamples	1		
ARM Action Codes	TY1		
Days After Planting	178DAP-1		
Days After Last Application	119		
No. Decimals Reported	1		
Trt Treatment/Product Name	Product/AI Rate	Product/AI Rate Unit	Applic. Code
			10
1 UNTREATED			47.8 a
2 BOUNDARY 6.5 EC	1360.0 gai/ha	A	56.6 a
N-PAK AMS LIQUID	2.5 %v/v	C	
FLEXSTAR GT 3.31 SL	1390.0 gae/ha	C	
DESTINY	1.0 %v/v	C	
3 N-PAK AMS LIQUID	2.5 %v/v	B	56.0 a
FLEXSTAR GT 3.31 SL	1040.0 gae/ha	B	
DESTINY	1.0 %v/v	B	
N-PAK AMS LIQUID	2.5 %v/v	D	
FLEXSTAR GT 3.31 SL	1040.0 gae/ha	D	
DESTINY	1.0 %v/v	D	
4 N-PAK AMS LIQUID	2.5 %v/v	C	56.0 a
FLEXSTAR GT 3.31 SL	1390.0 gae/ha	C	
DESTINY	1.0 %v/v	C	
5 N-PAK AMS LIQUID	2.5 %v/v	C	53.9 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C	
COBRA 2 EC	175.0 gai/ha	C	
DESTINY	1.0 %v/v	C	
6 N-PAK AMS LIQUID	2.5 %v/v	C	56.9 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C	
RESOURCE	22.6 gai/ha	C	
DESTINY	1.0 %v/v	C	
7 N-PAK AMS LIQUID	2.5 %v/v	C	59.9 a
ROUNDUP POWERMAX 4.5 SL	1120.0 gae/ha	C	
DESTINY	1.0 %v/v	C	
LSD (P=.05)	9.11		
Standard Deviation	6.13		
CV	11.08		
Bartlett's X2	8.837		
P(Bartlett's X2)	0.183		
Replicate F	0.553		
Replicate Prob(F)	0.6530		
Treatment F	1.511		
Treatment Prob(F)	0.2306		

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Country: UNITED STATES OF AMERICA Region: NJ Trial Use: Normal
 Discipline: HERBICIDE Sequence: 001 Year: 2009
 Trial Id.: USNJ0H0012009 Protocol Id.: HDEB01A4-2009US Revision Date: JAN21
 Master Protocol Id.:

Trial Origin: COOPERATOR TRIAL

Licensee: Dr. Bill Johnson

GEP: N

 Title: Flexstar GT Sales Support - Evaluation of Flexstar GT weed control programs in GT soybean.

T157, T124, 3, GLXMA, AG3306, 13, 14 = 1
 T159, T124, 4, GLXMA, AG3306, 61, 65 = 1
 T183, T124, 5, GLXMA, AG3306, 73, 73 = 1
 T184, T124, 6, GLXMA, AG3306, 89, 89 = 1

T167, T141, 6, AMBTR, , 10, 16 = 6
 T166, T139, 5, SETFA, , 09, 12 = 5
 T180, T179, 11, PANDI, , 12, 18 = 11
 T169, T145, 8, AMBTR, , 14, 18 = 8
 T170, T149, 9, SETFA, , 12, 18 = 9
 T181, T145, 12, AMBTR, , 65, 65 = 8
 T182, T149, 13, SETFA, , 65, 65 = 9

5315, PHYGEN = PHYTOTOXICITY - GENERAL
 5260, CONTRO = CONTROL
 5353, YIELD = YIELD

1221, % = PERCENT
 1230, LB = POUND

Assessment Type, Sub-Type

NOR = NORMAL
 YLD = YIELD CALCULATED
 RAW = RAW DATA
 YLR = YIELD CALCULATION

ARM Action Codes

TY1 = 2.904*9

Days After Planting

48DAP-1 = 1 5-12-2009
 66DAP-1 = 1 5-12-2009
 86DAP-1 = 1 5-12-2009
 178DAP-1 = 1 5-12-2009