

The Ohio State University

Diflexx / EPOST / ZEAMD / Efficacy / Tolerance / Competitors / University

Trial ID: HP16USAWMRUDL1 TD Number: LOCALCREATED Protocol Edition No.: 2.01
 Project ID: LOCAL_PROJ
 Project Number(s): 100 % N-3602 % 100 % LFISX005
 Protocol Developer: Waddington, Mark
 License User: Dr. Mark M. Loux

General Trial Information

Trial Initiation Date: 20.4.16 Protocol Edition No.: 2.01
 Trial Status: A Trial Status Date: 7.4.16
 Last change done by: Dr. Mark M. Loux Date of last export: 28.7.16 13:33

TD Number(s): ¹ LOCALCREATED ² OSUWESTERNAG

Guidelines

License User: Dr. Mark M. Loux

Protocol Developer: Waddington, Mark

Field Technician: EXTERN

Cooperator (Outside service): -

Farmer Name: -

Site and Design

Field Name: Western Branch F-7 West
 City: South Charleston
 Postal Code: 45368
 County: Clark
 State/Province: OHIO
 Country: USA

Latitude, Longitude of Trial Corners

Latitude:
 No. of Replicates: 3 No. of Treatments: 18 No. of Plots: 54
 Plot Width: 2.033 Plot Length: 9.14 Length/Width Unit: m
 Plot Area: 18.59

Unit: m2
 Site Type: FIELD
 Tillage Type: CONTIL Trial Design: RACOBL

Previous Crops and Agricultural Chemicals

Previous Crops Year
 GLXMA C BSOY 2015

Soil Description

Soil Name: Kokomo
 Texture: SICL
 % Organic Matter: 3.8
 pH: 7.2 Cation Exchange Capacity: 23.6
 Fertility Level: G
 Soil Drainage: G
 Overall Soil Moisture Condition: SLIWET

Crop Description

Crop 1: ZEAMD Discipline: C Crop Scale: BCOR Use Group: A2
 Zea mays L. ssp. indentata STU
 Corn, dent
 Variety: SCS1066AMX
 Variety Characteristic: SEED CONSULTANTS RR/LL 106 RM
 Seed/Planting Date: 20.4.16 Seed/Plant Rate/Unit: 79300 KG/HA
 Emergence Crop Date: 1.5.16 Seed Lot No.: G3STJ11007-0
 Seed Treatment Products: PONCHO/VOTIVO/RAXIL
 Depth/Unit: 3.81 CM
 % Germination: 95
 Plant arrangement: BED4RO
 Row Spacing/Unit: 76.2 CM
 Rows Per Plot: 4
 Rows in Bed: 4
 Planting Implement: FPP
 Soil Temperature/Unit: 11.11 C
 Soil Moisture (at Planting): SLIDRY
 Planting Method: SEEDED
 Seed Bed: MEDIUM
 Planting Crop Stage: 00

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Target Description

Target 1: SETFA **Discipline:** W **Target Scale:** BGRM
 Setaria faberi HERRM.
 Foxtail, giant

Target 2: AMBTR **Discipline:** W **Target Scale:** BDIC
 Ambrosia trifida L.
 Ragweed, giant

Target 3: CHEAL **Discipline:** W **Target Scale:** BDIC
 Chenopodium album L.
 Lambsquarters, common

Resistance Characteristics: HC1/5

Target 4: AMARE **Discipline:** W **Target Scale:** BDIC
 Amaranthus retroflexus L.
 Redroot pigweed

Resistance Characteristics: HC1/5

Target 5: ABUTH **Discipline:** W **Target Scale:** BDIC
 Abutilon theophrasti MEDIK.
 Velvetleaf

Target 6: POLPY **Discipline:** W **Target Scale:** BDIC
 Polygonum pensylvanicum L.
 Smartweed, Pennsylvania

Target 7: AMBEL **Discipline:** W **Target Scale:** BDIC
 Ambrosia artemisiifolia
 Common Ragweed

Application Description

A

Application Date 19.5.16
Application Timing POEMSE
Appl.Start - Time of Day 9:30
Appl. Stop 10:00
Time b. Appl./first Rain/Unit 1 DAY
% Relative Humidity 52
Air Temperature/Unit 13.88 C
% Cloud Cover 0
Appl. Wind Strength MOD
Wind Velocity/Unit 12.8 KPH
Wind Direction/Degrees NNE
Plant Condition NORMAL
Soil Temperature/Unit 11.11 C
Soil Moisture SLIDRY
Soil Condition (surface) MEDIUM
Problems with Application? No

Crop Stage at Application

A

Crop 1/Disc./Scale ZEAMD C BCOR
Days after Emergence 18
Stage Majority/Percent 13 100
Majority Height/Unit 10.16 CM

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Target Stage at Application

	A	
Target 1/Disc./Scale	SETFA	W BGRM
Stage Majority/Percent	13	100
Stage Minimum/Percent	13	
Stage Maximum/Percent	13	
Majority Height/Unit	6.35	CM
Min/Max (Unit=Height Unit)	5.08	7.62
Density/Unit	256	M2
Target 2/Disc./Scale	AMBTR	W BDIC
Stage Majority/Percent	14	100
Stage Minimum/Percent	14	
Stage Maximum/Percent	14	
Majority Height/Unit	6.35	CM
Min/Max (Unit=Height Unit)	5.08	7.62
Density/Unit	12	M2
Target 3/Disc./Scale	CHEAL	W BDIC
Stage Majority/Percent	14	100
Stage Minimum/Percent	14	
Stage Maximum/Percent	14	
Majority Height/Unit	2.54	CM
Min/Max (Unit=Height Unit)	1.27	2.54
Density/Unit	22	M2
Target 4/Disc./Scale	AMARE	W BDIC
Stage Majority/Percent	12	100
Stage Minimum/Percent	12	
Stage Maximum/Percent	12	
Majority Height/Unit	1.27	CM
Min/Max (Unit=Height Unit)	0.64	1.27
Density/Unit	6	M2
Target 5/Disc./Scale	ABUTH	W BDIC
Stage Majority/Percent	12	100
Stage Minimum/Percent	12	
Stage Maximum/Percent	12	
Majority Height/Unit	5.08	CM
Min/Max (Unit=Height Unit)	5.08	5.08
Density/Unit	2	M2
Target 6/Disc./Scale	POLPY	W BDIC
Stage Majority/Percent	13	100
Stage Minimum/Percent	13	
Stage Maximum/Percent	13	
Majority Height/Unit	5.08	CM
Min/Max (Unit=Height Unit)	2.54	5.08
Density/Unit	1.3	M2
Target 7/Disc./Scale	AMBEL	W BDIC
Stage Majority/Percent	12	100
Stage Minimum/Percent	12	
Stage Maximum/Percent	12	
Majority Height/Unit	2.54	CM
Min/Max (Unit=Height Unit)	2.54	2.54
Density/Unit	0.5	M2

Application Equipment

	A	
Application Equipment	BACSPR	
Equipment ID	6 FOOT BOOM	
Ground Speed/Unit	4.82999992	KPH
Propellant Type	COMCO2	
Carrier	WATER	
Appl./Slurry Volume	140.3	
Appl./Slurry Volume Unit	L/HA	
Mix Size/Unit	1	L
Operating Pressure/Unit	3.172	BAR
Spray Swath Width/Unit	3.0480001	M
Nozzle Type	FLAFAI	
Nozzle Size	110015	
Nozzle Spacing/Unit	45.7	CM
Boom Height/Unit	50.7999992	CM

Maintenance

Date	Dosage	Dosage	Maintenance
	Unit	Product Name	
9.6.16	32	OZ/A	ROUNDUP

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Unique Col. ID	12	13	14	15	16	17	18
Orig./Calc. Flag	O	O	O	O	O	O	O
SE Group	1	2	3	4	5	6	7
Target			1 SETFA 2	AMBTR 7	AMBEL 3	CHEAL 4	AMARE
-Disc./Scale			W BGRM	W BDIC	W BDIC	W BDIC	W BDIC
-Resistance Characteristics					HC1/5	HC1/5	
Crop	1 ZEAMD	1 ZEAMD					
-Disc./Scale	C BCOR	C BCOR					
Variety	SCS1066AMX	SCS1066AMX					
-Characteristic	SEED CONSU>	SEED CONSU>					
-Stage Majority	13						
Part Rated	LEAF	LEAF					
Assessment Type	PHYNEC	PHYNEC	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%	%	%
Assessment Date	26.5.16	1.6.16	1.6.16	1.6.16	1.6.16	1.6.16	1.6.16
Assessment Code	A1	A2	A2	A2	A2	A2	A2
Appl.-Ass.Interval	7 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA
Days after first Appl.	7 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA
Days after last Appl.	7 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA
Plant.-Ass.Interval	36 DP1	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence	25 DE1	31 DE1	31 DE1	31 DE1	31 DE1	31 DE1	31 DE1
Decimals Printed	0	0	0	0	0	0	0

Entry No.	Entry/Trt. Description	Trans. Dose	Trans. Dose Unit	Appl. Code	1*	2*	3*	4*	5*	6*	7*
1	UNTREATED				3 e	0 c	0 d	0 e	0 k	0 d	0 c
2	CORVUS HERBICIDE	4.5 oz/a	A		3 e	0 c	85 ab	95 ab	100 d	100 a	100 a
	AATREX	16 oz/a	A								
	NIS	0.25 % v/v	A								
3	ACURON HERBICIDE	64 oz/a	A		7 cd	2 ab	87 ab	94 ab	100 a	100 a	100 a
	NIS	0.25 % v/v	A								
4	RESICORE HERBICIDE	2.5 qt/a	A		9 ab	3 a	84 b	94 ab	100 h	100 a	100 a
	AATREX	16 oz/a	A								
	NIS	0.25 % v/v	A								
5	CAPRENO HERBICIDE	3 oz/a	A		3 e	0 c	93 ab	88 a-d	100 a	100 a	100 a
	ROUNDUP WEATHERMAX	12 oz/a	A								
	AATREX	16 oz/a	A								
6	HALEX GT	57.6 oz/a	A		3 e	1 bc	95 ab	88 a-d	100 i	100 a	100 a
	AATREX	16 oz/a	A								
	NIS	0.25 % v/v	A								
7	DIFLEXX	8 oz/a	A		1 f	0 c	13 d	91 a-d	100 j	96 b	100 b
	COC	1 % v/v	A								
8	STATUS	3 oz/a	A		2 ef	0 c	52 c	83 cd	100 g	91 c	100 a
	COC	1 % v/v	A								
9	CORVUS HERBICIDE	4.5 oz/a	A		3 e	0 c	92 ab	94 ab	100 a	100 a	100 a
	DIFLEXX	8 oz/a	A								
	AATREX	16 oz/a	A								
	NIS	0.25 % v/v	A								
10	ACURON HERBICIDE	64 oz/a	A		8 bc	3 a	86 ab	92 abc	100 f	100 a	100 a
	DIFLEXX	8 oz/a	A								
	NIS	0.25 % v/v	A								
11	RESICORE HERBICIDE	2.5 qt/a	A		9 ab	1 bc	87 ab	93 ab	100 b	100 a	100 a
	DIFLEXX	8 oz/a	A								
	AATREX	16 oz/a	A								
	NIS	0.25 % v/v	A								
12	CAPRENO HERBICIDE	3 oz/a	A		3 e	0 c	99 a	91 a-d	100 a	100 a	100 a
	ROUNDUP WEATHERMAX	12 oz/a	A								
	DIFLEXX	8 oz/a	A								
	AATREX	16 oz/a	A								
13	HALEX GT	57.6 oz/a	A		3 e	0 c	93 ab	89 a-d	100 e	100 a	100 a
	DIFLEXX	8 oz/a	A								
	AATREX	16 oz/a	A								
	NIS	0.25 % v/v	A								

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.
 * Adjusted means
 Could not calculate LSD (% mean diff) for columns 5,13 because error mean square = 0.

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Unique Col. ID	12	13	14	15	16	17	18
Orig./Calc. Flag	O	O	O	O	O	O	O
SE Group	1	2	3	4	5	6	7
Target			1 SETFA 2	AMBTR 7	AMBEL 3	CHEAL 4	AMARE
-Disc./Scale			W BGRM	W BDIC	W BDIC	W BDIC	W BDIC
-Resistance Characteristics					HC1/5	HC1/5	
Crop	1 ZEAMD	1 ZEAMD					
-Disc./Scale	C BCOR	C BCOR					
Variety	SCS1066AMX	SCS1066AMX					
-Characteristic	SEED CONSU>	SEED CONSU>					

-Stage Majority	13						
Part Rated	LEAF	LEAF					
Assessment Type	PHYNEC	PHYNEC	CONTRO	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%	%	%
Assessment Date	26.5.16	1.6.16	1.6.16	1.6.16	1.6.16	1.6.16	1.6.16
Assessment Code	A1	A2	A2	A2	A2	A2	A2
Appl.-Ass.Interval	7 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA
Days after first Appl.	7 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA
Days after last Appl.	7 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA	13 DAA
Plant.-Ass.Interval	36 DP1	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1	42 DP1
Days after Emergence	25 DE1	31 DE1	31 DE1	31 DE1	31 DE1	31 DE1	31 DE1
Decimals Printed	0	0	0	0	0	0	0

Entry No.	Entry/Trt. Description	Trans. Dose	Trans. Dose	Appl. Unit Code	1*	2*	3*	4*	5*	6*	7*
14	CORVUS HERBICIDE	4.5 oz/a		A	3 e	0 c	88 ab	83 d	100	100 a	100 a
	STATUS	3 oz/a		A							
	AATREX	16 oz/a		A							
	NIS	0.25 % v/v		A							
15	ACURON HERBICIDE	64 oz/a		A	6 d	1 bc	90 ab	95 ab	100 c	100 a	100 a
	STATUS	3 oz/a		A							
	NIS	0.25 % v/v		A							
16	RESICORE HERBICIDE	2.5 qt/a		A	10 a	3 a	93 ab	96 a	100 a	100 a	100 a
	STATUS	3 oz/a		A							
	AATREX	16 oz/a		A							
	NIS	0.25 % v/v		A							
17	CAPRENO HERBICIDE	3 oz/a		A	2 ef	0 c	98 ab	87 bcd	100	100 a	100 a
	ROUNDUP WEATHERMAX	12 oz/a		A							
	STATUS	3 oz/a		A							
	AATREX	16 oz/a		A							
18	HALEX GT	57.6 oz/a		A	3 e	0 c	99 a	94 ab	100 a	100 a	100 a
	STATUS	3 oz/a		A							
	AATREX	16 oz/a		A							
	NIS	0.25 % v/v		A							
LSD P=.05					1.9	1.6	14.2	9.0	.	3.2	0.2
Standard Deviation					1.1	1.0	8.5	5.4	0.0	1.9	0.1
CV					24.99	129.9	10.71	6.32	0.0	2.08	0.14
Bartlett's X2					0.305	0.49	37.76	8.111	0.0	0.09	0.0
P(Bartlett's X2)					0.999	0.974	0.002*	0.945	.	0.764	.
Skewness					0.7993*	1.4215*	-2.0513*	-3.4811*	-3.9923*	-3.9038*	-3.9921*
Kurtosis					-0.42	0.4804	3.0537*	11.8523*	14.4738*	13.9768*	14.4726*
Replicate F					1.610	1.847	6.233	3.197	0.000	1.713	1.000
Replicate Prob(F)					0.2148	0.1733	0.0049	0.0534	1.0000	0.1955	0.3784
Treatment F					19.086	3.943	33.663	48.416	0.000	436.633	89965.715
Treatment Prob(F)					0.0001	0.0003	0.0001	0.0001	1.0000	0.0001	0.0001

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Unique Col. ID	19	20	21	22	23	24	25
Orig./Calc. Flag	O	O	O	O	O	O	O
SE Group	8	9	10	11	12	13	14
Target	5 ABUTH	6 POLPY		1 SETFA	2 AMBTR	7 AMBEL	3 CHEAL
-Disc./Scale	W BDIC	W BDIC		W BGRM	W BDIC	W BDIC	W BDIC
-Resistance Characteristics							HC1/5
Crop				1 ZEAMD			
-Disc./Scale				C BCOR			
Variety				SCS1066AMX			
-Characteristic				SEED			
				CONSU>			

-Stage Majority							
Part Rated							
Assessment Type	CONTRO	CONTRO	PHYNEC	CONTRO	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%	%	%	%	%
Assessment Date	1.6.16	1.6.16	8.6.16	8.6.16	8.6.16	8.6.16	8.6.16
Assessment Code	A2	A2	A3	A3	A3	A3	A3
Appl.-Ass.Interval	13 DAA	13 DAA	20 DAA	20 DAA	20 DAA	20 DAA	20 DAA
Days after first Appl.	13 DAA	13 DAA	20 DAA	20 DAA	20 DAA	20 DAA	20 DAA
Days after last Appl.	13 DAA	13 DAA	20 DAA	20 DAA	20 DAA	20 DAA	20 DAA
Plant.-Ass.Interval	42 DP1	42 DP1	49 DP1	49 DP1	49 DP1	49 DP1	49 DP1
Days after Emergence	31 DE1	31 DE1	38 DE1	38 DE1	38 DE1	38 DE1	38 DE1
Decimals Printed	0	0	0	0	0	0	0

Entry No.	Entry/Trt. Description	Trans. Dose	Trans. Dose Unit	Appl. Code	8*	9*	10*	11*	12*	13*	14*
14	CORVUS HERBICIDE	4.5 oz/a	A	A	95 b	100 a	3 -	43 b	83 cde	100	100 a
	STATUS	3 oz/a	A	A							
	AATREX	16 oz/a	A	A							
	NIS	0.25 % v/v	A	A							
15	ACURON HERBICIDE	64 oz/a	A	A	100 a	100 a	4 -	85 a	96 ab	100 c	100 a
	STATUS	3 oz/a	A	A							
	NIS	0.25 % v/v	A	A							
16	RESICORE HERBICIDE	2.5 qt/a	A	A	100 a	100 a	2 -	96 a	98 a	100 a	100 a
	STATUS	3 oz/a	A	A							
	AATREX	16 oz/a	A	A							
	NIS	0.25 % v/v	A	A							
17	CAPRENO HERBICIDE	3 oz/a	A	A	100 a	100 a	2 -	98 a	80 de	100	100 a
	ROUNDUP WEATHERMAX	12 oz/a	A	A							
	STATUS	3 oz/a	A	A							
	AATREX	16 oz/a	A	A							
18	HALEX GT	57.6 oz/a	A	A	100 a	100 a	3 -	98 a	87 b-e	100 a	100 a
	STATUS	3 oz/a	A	A							
	AATREX	16 oz/a	A	A							
	NIS	0.25 % v/v	A	A							
LSD P=.05					3.6	0.5	3.3	17.9	11.1	.	5.2
Standard Deviation					2.2	0.3	2.0	10.8	6.7	0.0	3.1
CV					2.31	0.29	91.36	14.13	7.8	0.0	3.33
Bartlett's X2					2.015	0.0	7.819	39.577	15.797	0.0	0.041
P(Bartlett's X2)					0.156	.	0.931	0.001*	0.396	.	0.84
Skewness					-3.94*	-3.9914*	0.1088	-1.539*	-3.0366*	-3.9923*	-3.8481*
Kurtosis					14.175*	14.4689*	-1.4524*	0.7607	9.512*	14.4738*	13.6411*
Replicate F					0.688	1.000	1.315	1.938	5.157	0.000	1.000
Replicate Prob(F)					0.5095	0.3784	0.2818	0.1595	0.0111	1.0000	0.3784
Treatment F					351.931	22483.355	0.829	28.623	33.717	0.000	170.445
Treatment Prob(F)					0.0001	0.0001	0.6521	0.0001	0.0001	1.0000	0.0001

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Unique Col. ID	26	27	28
Orig./Calc. Flag	O	O	O
SE Group	15	16	17
Target	4 AMARE	5 ABUTH	6 POLPY
-Disc./Scale	W BDIC	W BDIC	W BDIC
-Resistance Characteristics	HC1/5		
Crop			
-Disc./Scale			
Variety			
-Characteristic			
-Stage Majority			
Part Rated			
Assessment Type	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%
Assessment Date	8.6.16	8.6.16	8.6.16
Assessment Code	A3	A3	A3
Appl.-Ass.Interval	20 DAA	20 DAA	20 DAA
Days after first Appl.	20 DAA	20 DAA	20 DAA
Days after last Appl.	20 DAA	20 DAA	20 DAA
Plant.-Ass.Interval	49 DP1	49 DP1	49 DP1
Days after Emergence	38 DE1	38 DE1	38 DE1
Decimals Printed	0	0	0

Entry No.	Entry/Trt. Description	Trans. Dose	Trans. Dose Unit	Appl. Code	15*	16*	17*
1	UNTREATED				0 c	0 c	0 c
2	CORVUS HERBICIDE	4.5 oz/a	A		100 a	100 a	100 a
	AATREX	16 oz/a	A				
	NIS	0.25 % v/v	A				
3	ACURON HERBICIDE	64 oz/a	A		100 a	100 a	100 a
	NIS	0.25 % v/v	A				
4	RESICORE HERBICIDE	2.5 qt/a	A		100 a	100 a	100 a
	AATREX	16 oz/a	A				
	NIS	0.25 % v/v	A				
5	CAPRENO HERBICIDE	3 oz/a	A		100 a	100 a	100 a
	ROUNDUP WEATHERMAX	12 oz/a	A				
	AATREX	16 oz/a	A				
6	HALEX GT	57.6 oz/a	A		100 a	100 a	100 a
	AATREX	16 oz/a	A				
	NIS	0.25 % v/v	A				
7	DIFLEXX	8 oz/a	A		100 a	97 b	100 a
	COC	1 % v/v	A				
8	STATUS	3 oz/a	A		95 b	97 b	90 b
	COC	1 % v/v	A				
9	CORVUS HERBICIDE	4.5 oz/a	A		100 a	100 a	100 a
	DIFLEXX	8 oz/a	A				
	AATREX	16 oz/a	A				
	NIS	0.25 % v/v	A				
10	ACURON HERBICIDE	64 oz/a	A		100 a	100 a	100 a
	DIFLEXX	8 oz/a	A				
	NIS	0.25 % v/v	A				
11	RESICORE HERBICIDE	2.5 qt/a	A		100 a	100 a	100 a
	DIFLEXX	8 oz/a	A				
	AATREX	16 oz/a	A				
	NIS	0.25 % v/v	A				
12	CAPRENO HERBICIDE	3 oz/a	A		100 a	100 a	100 a
	ROUNDUP WEATHERMAX	12 oz/a	A				
	DIFLEXX	8 oz/a	A				
	AATREX	16 oz/a	A				
13	HALEX GT	57.6 oz/a	A		100 a	100 a	100 a
	DIFLEXX	8 oz/a	A				
	AATREX	16 oz/a	A				
	NIS	0.25 % v/v	A				

The Ohio State University

Diflexx / EPOST / ZEAMD / Efficacy / Tolerance / Competitors / University

Trial ID: HP16USAWMRUDL1 TD Number: LOCALCREATED Protocol Edition No.: 2.01
 Project ID: LOCAL_PROJ
 Project Number(s): 100 % N-3602 % 100 % LFISX005
 Protocol Developer: Waddington, Mark
 License User: Dr. Mark M. Loux

Unique Col. ID	26	27	28
Orig./Calc. Flag	O	O	O
SE Group	15	16	17
Target	4 AMARE 5	ABUTH 6	POLPY
-Disc./Scale	W BDIC	W BDIC	W BDIC
-Resistance Characteristics	HC1/5		
Crop			
-Disc./Scale			
Variety			
-Characteristic			
-Stage Majority			
Part Rated			
Assessment Type	CONTRO	CONTRO	CONTRO
Assessment Unit	%	%	%
Assessment Date	8.6.16	8.6.16	8.6.16
Assessment Code	A3	A3	A3
Appl.-Ass.Interval	20 DAA	20 DAA	20 DAA
Days after first Appl.	20 DAA	20 DAA	20 DAA
Days after last Appl.	20 DAA	20 DAA	20 DAA
Plant.-Ass.Interval	49 DP1	49 DP1	49 DP1
Days after Emergence	38 DE1	38 DE1	38 DE1
Decimals Printed	0	0	0

Entry No.	Entry/Trt. Description	Trans. Dose	Trans. Dose Unit	Appl. Code	15*	16*	17*
14	CORVUS HERBICIDE	4.5 oz/a		A	100 a	100 a	100 a
	STATUS	3 oz/a		A			
	AATREX	16 oz/a		A			
	NIS	0.25 % v/v		A			
15	ACURON HERBICIDE	64 oz/a		A	100 a	100 a	100 a
	STATUS	3 oz/a		A			
	NIS	0.25 % v/v		A			
16	RESICORE HERBICIDE	2.5 qt/a		A	100 a	100 a	100 a
	STATUS	3 oz/a		A			
	AATREX	16 oz/a		A			
	NIS	0.25 % v/v		A			
17	CAPRENO HERBICIDE	3 oz/a		A	100 a	100 a	100 a
	ROUNDUP WEATHERMAX	12 oz/a		A			
	STATUS	3 oz/a		A			
	AATREX	16 oz/a		A			
18	HALEX GT	57.6 oz/a		A	100 a	100 a	100 a
	STATUS	3 oz/a		A			
	AATREX	16 oz/a		A			
	NIS	0.25 % v/v		A			
	LSD P=.05				3.4	3.1	3.4
	Standard Deviation				2.0	1.9	2.0
	CV				2.17	1.98	2.17
	Bartlett's X2				0.0	0.0	0.0
	P(Bartlett's X2)				.	.	.
	Skewness				-3.9451*	-3.9495*	-3.8998*
	Kurtosis				14.2018*	14.2359*	13.9435*
	Replicate F				1.000	2.125	1.000
	Replicate Prob(F)				0.3784	0.1350	0.3784
	Treatment F				398.647	475.375	399.294
	Treatment Prob(F)				0.0001	0.0001	0.0001

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Target

- 1, SETFA, W, BGRM, , , = *Setaria faberi* HERRM.
- 2, AMBTR, W, BDIC, , , = *Ambrosia trifida* L.
- 7, AMBEL, W, BDIC, , , = *Ambrosia artemisiifolia*
- 3, CHEAL, W, BDIC, , HC1/5, = *Chenopodium album* L.
- 4, AMARE, W, BDIC, , HC1/5, = *Amaranthus retroflexus* L.
- 5, ABUTH, W, BDIC, , , = *Abutilon theophrasti* MEDIK.
- 6, POLPY, W, BDIC, , , = *Polygonum pensylvanicum* L.

Crop

- 1, ZEAMD, C, BCOR, SCS1066AMX, SEED CONSULTANTS RR/LL 106 RM = *Zea mays* L. ssp. *indentata* STU

-Stage Majority

- 13 (BCOR) = 3 leaves unfolded

Part Rated

LEAF = Leaf, Foliage

Assessment Type

PHYNEC = Phytotoxicity - Necrosis, Burn

CONTRO = Control

Assessment Unit

% = Percent

Assessment Code

A1 = 1st Assessment According to Trial Schedule

A2 = 2nd Assessment According to trial Schedule

A3 = 3rd Assessment According to Trial Schedule

Plant.-Ass.Interval

36 DP1 = 1 ZEAMD 20.4.16

42 DP1 = 1 ZEAMD 20.4.16

49 DP1 = 1 ZEAMD 20.4.16