

MSU Weed Science Research Program

EVALUATION OF MON 88017 FOR GLYPHOSATE TOLERANCE, 2006

Trial ID: C2106
 Conducted: CAMPUS

Study Dir.:
 Investigator: Christy Sprague

Date Planted: 5/1/2006 **Row Spacing:** 30 IN
Variety: DKC42-95/8801 **No. of Reps:** 4
Population: 30,000 & 28,000 S/A **% OM:** 2.4
Soil Type: loam **pH:** 7.0
Plot Size: 10 X 35 FT **Design:** RANDOMIZED COMPLETE BLOCK

Tillage: Fall Chisel, Spring Soil Finish x3
Fertilizer: 200 lbs/A 19-19-19 in row at planting
Crop Code Common Name
 1. ZEAMX CORN, FIELD

Application Description

	A	B
Application Timing:	PRE*	V4
Date Treated:	5/1/2006	6/1/2006
Time Treated:	4:15 pm	7:00 pm
% Cloud Cover:	90	90
Air Temp., Unit:	71 F	77 F
% Relative Humidity:	49	43
Wind Speed/Unit/Dir:	5 mph S	1 mph NW
Soil Temp., Unit:	58 F	75.6 F
Soil/Leaf Surface M:	5 5	5 5
Soil Moist (1=w 5=d):	5	4

Crop Stage at Each Application

	A	B
Crop Name:	ZEAMX	ZEAMX
Height (In.):		3-9(7)
Stage (L):		6-7(6)

Application Equipment

Appl	Sprayer	Speed	Nozzle	Nozzle	Nozzle	Nozzle	Boom	GPA	Carrier	PSI
	Type	MPH	Type	Size	Height	Spacing	Width			
A										
B	cub	3.5	FF	8003	26"	20"	100"	20	H2O	30

Comments: * Entire study Recieved Harness Xtra 5.6 at 2 qt/a.

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Weed Code
 Crop Code
 Rating Data Type
 Rating Unit
 Rating Date
 Trt-Eval Interval

ZEAMX ZEAMX ZEAMX
 injury injury injury
 percent percent percent

7 DAT 14 DAT 21 DAT

Trt No.	Treatment	Form Conc	Form Type	Form Rate	Rate Unit	Grow Stg	1	2	3
1	MON 88017 hybrid						0	0	0
1	Harness Xtra 5.6	5.6	L	2	qt/a	PRE			
1	Roundup WeatherMax	4.5	L	1.125	lb ae/a	V4			
1	Roundup WeatherMax	4.5	L	1.125	lb ae/a	V8			
2	MON 88017 hybrid						0	0	0
2	Harness Xtra 5.6	5.6	L	2	qt/a	PRE			
2	Roundup WeatherMax	4.5	L	2.25	lb ae/a	V4			
2	Roundup WeatherMax	4.5	L	2.25	lb ae/a	V8			
3	MON 88017 hybrid						0	0	0
3	Harness Xtra 5.6	5.6	L	2	qt/a	PRE			
4	RR CORN 2						0	0	0
4	Harness Xtra 5.6	5.6	L	2	qt/a	PRE			
4	Roundup WeatherMax	4.5	L	1.125	lb ae/a	V4			
4	Roundup WeatherMax	4.5	L	1.125	lb ae/a	V8			
5	RR CORN 2						0	0	0
5	Harness Xtra 5.6	5.6	L	2	qt/a	PRE			
5	Roundup WeatherMax	4.5	L	2.25	lb ae/a	V4			
5	Roundup WeatherMax	4.5	L	2.25	lb ae/a	V8			
6	RR CORN 2						0	0	0
6	Harness Xtra 5.6	5.6	L	2	qt/a	PRE			
LSD (P=.05)							0.0	0.0	0.0
Standard Deviation							0.0	0.0	0.0
CV							0.0	0.0	0.0