GLYPHOSATE-MICRONUTRIENT TANK-MIXES IN CORN (STUDY 1), 2006

Trial ID: C1806 Study Dir.:
Conducted: CAMPUS Investigator: Christy Sprague

Date Planted: 5/3/2006 **Row Spacing:** 30 IN
Variety: DKC42-95 **No. of Reps:** 4
Population: 30,000 S/A **% OM:** 2.7
Soil Type: clay loam **pH:** 6.6
Plot Size: 10 **X** 35 **FT** **Design:** RANDOMIZED COMPLETE BLOCK

Tillage: Fall Chisel, Spring Soil Finish x2
Fertilizer: 285 lbs/A 46-0-0 broadcast. 125 lbs/A 19-19-19 in row at planting.

Crop	Code	Common Name
1.	ZEAMX	CORN, FIELD

Application Description

	A	B
Application Timing:	PRE*	POST
Date Treated:	5/3/2006	6/9/2006
Time Treated:	8:45 pm	9:15 am
% Cloud Cover:	25	60
Air Temp., Unit:	69 F	63 F
% Relative Humidity:	65	75
Wind Speed/Unit/Dir:	2 mph	5 mph N
Soil Temp., Unit:	65 F	64 F
Soil/Leaf Surface M:	4 4	5 5
Soil Moist (1=w 5=d):	3	5

Crop Stage at Each Application

	A	B
Crop Name:	ZEAMX	ZEAMX
Height (In.):		6-13(10)
Stage (L):		V4-5(5)8L

Application Equipment

Appl	Sprayer Type	Speed MPH	Nozzle Type	Nozzle Size	Nozzle Height	Nozzle Spacing	Boom Width	GPA	Carrier	PSI
A	cub	3.5	FF	8003	18"	20"	120"	20	H2O	30
B	cub	3.5	FF	8003	26"	20"	100"	20	H2O	30

Comments: * Entire study received Bicep Lite II Magnum preemergence at 1.5 qt/a on May 3, 2006.

MSU Weed Science Research Program

GLYPHOSATE-MICRONUTRIENT TANK-MIXES IN CORN (STUDY 1), 2006

Trial ID: C1806 Study Dir.:
Conducted: CAMPUS Investigator: Christy Sprague

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Grow Stg	1	2	3	4	5	6
	Weed Code						ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX	ZEAMX
	Crop Code						HEIGHT	HEIGHT	HEIGHT LR	HEIGHT RR	HEIGHT	yield
	Rating Data Type						-10, +10	-10, +10	AVERAGE	AVERAGE	-10, +10	bu/ac
	Rating Unit						6/23/2006	7/7/2006	7/7/2006	7/7/2006	8/4/2006	10/29/2006
	Rating Date						14 DAT	28 DAT	28 DAT	28 DAT	56 DAT	HARVEST
	Trt-Eval Interval											
1	Bicep Lite II Magnum	6	L	1.5	qt/a	PRE	0	0	59	59	0	201
1	ENTIRE STUDY					PRE						
1	Buccaneer	3	L			POST						
1	Micro-Mix		DF			POST						
1	N-Tank		L			POST						
2	Buccaneer	3	L			POST	0	1	60	61	0	203
2	Micro-Mix		DF			POST						
2	N-Tank		L	1	% v/v	POST						
3	Buccaneer	3	L			POST	0	0	59	60	0	193
3	Micro-Mix		DF	1	lb/a	POST						
3	N-Tank		L			POST						
4	Buccaneer	3	L			POST	0	0	59	60	0	201
4	Micro-Mix		DF	1	lb/a	POST						
4	N-Tank		L	1	% v/v	POST						
5	Buccaneer	3	L			POST	0	0	58	60	0	196
5	Micro-Mix		DF	2	lb/a	POST						
5	N-Tank		L			POST						
6	Buccaneer	3	L			POST	0	0	60	62	0	206
6	Micro-Mix		DF	2	lb/a	POST						
6	N-Tank		L	1	% v/v	POST						
7	Buccaneer	3	L	1.6	lb ae/a	POST	0	0	60	59	0	209
7	Micro-Mix		DF			POST						
7	N-Tank		L			POST						
8	Buccaneer	3	L	1.6	lb ae/a	POST	0	0	59	60	0	206
8	Micro-Mix		DF			POST						
8	N-Tank		L	1	% v/v	POST						
9	Buccaneer	3	L	1.6	lb ae/a	POST	0	0	59	57	0	200
9	Micro-Mix		DF	1	lb/a	POST						
9	N-Tank		L			POST						
10	Buccaneer	3	L	1.6	lb ae/a	POST	0	0	58	59	0	187
10	Micro-Mix		DF	1	lb/a	POST						
10	N-Tank		L	1	% v/v	POST						
11	Buccaneer	3	L	1.6	lb ae/a	POST	0	0	60	59	0	203
11	Micro-Mix		DF	2	lb/a	POST						
11	N-Tank		L			POST						
12	Buccaneer	3	L	1.6	lb ae/a	POST	0	0	61	62	0	208
12	Micro-Mix		DF	2	lb/a	POST						
12	N-Tank		L	1	% v/v	POST						
	LSD (P=.05)						0.4	0.6	3.4	5.0	0.0	22.6
	Standard Deviation						0.3	0.4	2.4	3.4	0.0	15.7
	CV						0.0	0.0	4.01	5.75	0.0	7.79