

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.4  
 %OM: 5.3  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	10	11	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/19/04	05/26/04	06/07/04	06/15/04	06/21/04	AME
AIR TEMPERATURE	83	75	86	80	77	F
% REL.HUMIDITY	80	42	50	60	55	
WIND DIRECTION	SOUTHEAST	SOUTHWEST	SOUTH	EAST	SOUTHWEST	
WIND SPEED	2.0	6.0	6.0	3.0	8.0	M/H
CLOUD COVER	CLOUDY	CLEAR	PARTCLDY	CLOUDY	CLOUDY	
DEW	NO	NO	NO	YES	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
CORN, DENT	---/12	---/14	---/16	---/18	---/19	
GH 2552	5.00/5.00	12.0/12.0	24.0/24.0	40.0/40.0	60.0/60.0	IN
05/05/2004						

\* TIMING CODES

10 = ----- / VEPOST  
 11 = ----- / EPOST  
 12 = ----- / POST  
 13 = ----- / LPOST  
 14 = ----- / VLPOST

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 16 = 6 LEAVES UNFOLDED  
 18 = 8 LEAVES UNFOLDED  
 19 = 9 OR MORE LEAVES UNFOLDED

**TITLE:** Simulated Glyphosate Drift on Conventional Corn AS-300  
**CREATED:** 04/13/2004 **REVISED:** 11/02/2004 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	4.5	DOSAGE		TM	ZEAMD	ZEAMD	ZEAMD	YIELD BU/A
			RATE	UNIT		3 DAT 05/22/04	7 DAT 05/26/04	14 DAT 06/02/04	
1A»	WEATHERMAX	4.5	0.15	LAA	10	5	98	99	0.4
B»	LIQUID AMS		1.00	PMV	10				
2A»	WEATHERMAX	4.5	0.075	LAA	10	4	77	94	25.2
B»	LIQUID AMS		0.50	PMV	10				
3A»	WEATHERMAX	4.5	0.0075	LAA	10	0	0	0	226.3
B»	LIQUID AMS		0.05	PMV	10				
4A»	WEATHERMAX	4.5	0.00075	LAA	10	0	0	0	259.6
B»	LIQUID AMS		0.005	PMV	10				
5A»	WEATHERMAX	4.5	0.15	LAA	11	5	90	99	0.0
B»	LIQUID AMS		1.00	PMV	11				
6A»	WEATHERMAX	4.5	0.075	LAA	11	4	78	85	44.1
B»	LIQUID AMS		0.50	PMV	11				
7A»	WEATHERMAX	4.5	0.0075	LAA	11	0	0	0	242.5
B»	LIQUID AMS		0.05	PMV	11				
8A»	WEATHERMAX	4.5	0.00075	LAA	11	0	0	0	237.1
B»	LIQUID AMS		0.005	PMV	11				
9A»	WEATHERMAX	4.5	0.15	LAA	12	48	80	83	0.0
B»	LIQUID AMS		1.00	PMV	12				
10A»	WEATHERMAX	4.5	0.075	LAA	12	10	8	48	11.1
B»	LIQUID AMS		0.50	PMV	12				
11A»	WEATHERMAX	4.5	0.0075	LAA	12	0	0	0	231.1
B»	LIQUID AMS		0.05	PMV	12				
12A»	WEATHERMAX	4.5	0.00075	LAA	12	0	0	0	244.1
B»	LIQUID AMS		0.005	PMV	12				
13A»	WEATHERMAX	4.5	0.15	LAA	13	14	30	59	17.5
B»	LIQUID AMS		1.00	PMV	13				
14A»	WEATHERMAX	4.5	0.075	LAA	13	10	14	33	89.2
B»	LIQUID AMS		0.50	PMV	13				
15A»	WEATHERMAX	4.5	0.0075	LAA	13	0	0	0	239.2
B»	LIQUID AMS		0.05	PMV	13				
16A»	WEATHERMAX	4.5	0.00075	LAA	13	0	0	0	230.0
B»	LIQUID AMS		0.005	PMV	13				
17A»	WEATHERMAX	4.5	0.15	LAA	14	2	17	60	10.4
B»	LIQUID AMS		1.00	PMV	14				
18A»	WEATHERMAX	4.5	0.075	LAA	14	0	6	33	27.9
B»	LIQUID AMS		0.50	PMV	14				
19A»	WEATHERMAX	4.5	0.0075	LAA	14	0	0	0	219.5
B»	LIQUID AMS		0.05	PMV	14				
20A»	WEATHERMAX	4.5	0.00075	LAA	14	0	0	0	241.0
B»	LIQUID AMS		0.005	PMV	14				
21A	CHECK		0.00	NA	0	0	0	0	237.0
22A»	LIBERTY		0.031	LAA	13	7	8	3	221.8
B»	LIQUID AMS		0.50	PMV	13				
			LSD (0.05)			2.73	5.82	6.07	18.26
			STANDARD DEVIATION			1.37	2.91	3.00	9.13

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING  
 10 = ----- / VEPOST 05/19/2004(1)  
 11 = ----- / EPOST 05/26/2004(2)  
 12 = ----- / POST 06/07/2004(3)  
 13 = ----- / LPOST 06/15/2004(4)  
 14 = ----- / VLPOST 06/21/2004(5)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	3 DAT	05/22/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	7 DAT	05/26/2004	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	14 DAT	06/02/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	YIELD	BU/A	09/27/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	Y

\* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GH 2552

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED