

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/08/06	06/02/06	06/12/06	06/20/06	AME
AIR TEMPERATURE	77	76	72	81	F
% REL. HUMIDITY	40	50	30	42	
WIND DIRECTION	SOUTHWEST	NORTH	NORTH	---	
WIND SPEED	5.0	2.0	3.0	0.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	---	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/14	---/17	---/19	
05/08/2006		8.00/8.00	22.0/22.0	28.0/28.0	IN
*** PEST ***					
CORN, VOLUNTEER,		---/12	---/15	---/16	
		3.00/6.00	12.0/14.0	14.0/20.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED
 19 = 9 OR MORE LEAVES UNFOLDED

TITLE: Volunteer Corn Competition in Glyphosate and Glufosinate Resistant Corn. AS-400
CREATED: 05/01/2006 **REVISED:** 10/31/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ZEAMX	ZEAMD	ZEAMX	ZEAMD	ZEAMX
		RATE	UNIT		CON % 06/10/06	CON % 06/10/06	CON % 06/30/06	CON % 06/30/06	CON % 07/11/06	CON % 07/11/06
1A	DEGREE XTRA	3.03	LAA	9	0	97	0	92	0	92
B	LIBERTY 1.67SL	0.45	LAA	11						
C»	LIQUID AMS	5.00	PMV	11						
2A	DEGREE XTRA	3.03	LAA	9	0		0	98	0	97
B	LIBERTY 1.67SL	0.45	LAA	12						
C»	LIQUID AMS	5.00	PMV	12						
3A	DEGREE XTRA	3.03	LAA	9	0		0	94	0	95
B	LIBERTY 1.67SL	0.45	LAA	13						
C»	LIQUID AMS	5.00	PMV	13						
4A	DEGREE XTRA	3.03	LAA	9	0	0	0	0	0	0
5A	DEGREE XTRA	3.03	LAA	9	0	99	0	99	0	99
B»	WEED FREE	0.00	NA	0						
C»	RDUP ORIG MAX	0.75	LAA	11						
D»	LIQUID AMS	5.00	PMV	11						
E»	RDUP ORIG MAX	0.75	LAA	12						
F»	LIQUID AMS	5.00	PMV	12						
G»	RDUP ORIG MAX	0.75	LAA	13						
H»	LIQUID AMS	5.00	PMV	13						
6A	DEGREE XTRA	3.03	LAA	9	0	99	0	99	0	98
B»	RDUP ORIG MAX	0.75	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	5.00	PMV	11						
7A	DEGREE XTRA	3.03	LAA	9	0		0	99	0	99
B»	RDUP ORIG MAX	0.75	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	5.00	PMV	12						
8A	DEGREE XTRA	3.03	LAA	9	0		0	99	0	99
B»	RDUP ORIG MAX	0.75	LAA	13						
C»	ACTIVATOR 90	0.25	PMV	13						
D»	LIQUID AMS	5.00	PMV	13						
LSD (0.05)					0.00	1.91	0.00	4.13	0.00	4.18
STANDARD DEVIATION					0.00	0.782	0.00	1.92	0.00	2.00

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/10/06
		RATE	UNIT	
1A	DEGREE XTRA	3.03	LAA 9	141.3
B	LIBERTY 1.67SL	0.45	LAA 11	
C	LIQUID AMS	5.00	PMV 11	
2A	DEGREE XTRA	3.03	LAA 9	153.7
B	LIBERTY 1.67SL	0.45	LAA 12	
C	LIQUID AMS	5.00	PMV 12	
3A	DEGREE XTRA	3.03	LAA 9	153.4
B	LIBERTY 1.67SL	0.45	LAA 13	
C	LIQUID AMS	5.00	PMV 13	
4A	DEGREE XTRA	3.03	LAA 9	128.3
5A	DEGREE XTRA	3.03	LAA 9	160.2
B	WEED FREE	0.00	NA 0	
C	RDUP ORIG MAX	0.75	LAA 11	
D	LIQUID AMS	5.00	PMV 11	
E	RDUP ORIG MAX	0.75	LAA 12	
F	LIQUID AMS	5.00	PMV 12	
G	RDUP ORIG MAX	0.75	LAA 13	
H	LIQUID AMS	5.00	PMV 13	
6A	DEGREE XTRA	3.03	LAA 9	150.3
B	RDUP ORIG MAX	0.75	LAA 11	
C	ACTIVATOR 90	0.25	PMV 11	
D	LIQUID AMS	5.00	PMV 11	
7A	DEGREE XTRA	3.03	LAA 9	152.1
B	RDUP ORIG MAX	0.75	LAA 12	
C	ACTIVATOR 90	0.25	PMV 12	
D	LIQUID AMS	5.00	PMV 12	
8A	DEGREE XTRA	3.03	LAA 9	125.6
B	RDUP ORIG MAX	0.75	LAA 13	
C	ACTIVATOR 90	0.25	PMV 13	
D	LIQUID AMS	5.00	PMV 13	
LSD (0.05)				32.00
STANDARD DEVIATION				14.91

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/08/2006(1)
 11 = ----- / EPOST 06/02/2006(2)
 12 = ----- / POST 06/12/2006(3)
 13 = ----- / LPOST 06/20/2006(4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/10/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMX	CON %	06/10/2006	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/30/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMX	CON %	06/30/2006	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/11/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMX	CON %	07/11/2006	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/10/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N