

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.2  
 %OM: 6.0  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 32 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/10/06	06/07/06	06/15/06	06/20/06	AME
AIR TEMPERATURE	70	82	82	78	F
% REL.HUMIDITY	40	41	45	48	
WIND DIRECTION	NORTHWEST	NORTHWEST	SOUTHWEST	SOUTHEAST	
WIND SPEED	5.0	13.0	7.0	4.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	CLOUDY	OVERCAST	
DEW	---	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	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	---/16	---/17	
PIONEER 34H35 RR		9.00/10.0	14.0/15.0	22.0/24.0	IN
05/10/2006					
*** PEST ***					
VELVETLEAF		---/13	---/14	---/15	
		2.00/3.00	3.00/5.00	3.00/6.00	IN
RAGWEED, GIANT		---/15	---/17	---/19	
		3.00/4.00	5.00/10.0	9.00/15.0	IN
CORN, VOLUNTEER,		---/14	---/16	---/17	
		7.00/8.00	11.0/12.0	15.0/17.0	IN

\* TIMING CODES

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

\* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 16 = 6 LEAVES UNFOLDED  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Volunteer Corn Competition in Glyphosate and Glufosinate Resistant Corn. SW-1600  
**CREATED:** 05/01/2006 **REVISED:** 11/08/2006 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Dekalb **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ZEAMX	ZEAMD	ZEAMX	YIELD BU/A 10/23/06	
		RATE	UNIT		10 DAT 06/15/06	10 DAT 06/15/06	30 DAT 07/05/06	30 DAT 07/05/06		
1A	DEGREE XTRA	3.03	LAA	9	0	79	0	73	221.9	
B	LIBERTY 1.67SL	0.45	LAA	11						
C	LIQUID AMS	5.00	PMV	11						
2A	DEGREE XTRA	3.03	LAA	9	0	89	0	90	222.6	
B	LIBERTY 1.67SL	0.45	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
3A	DEGREE XTRA	3.03	LAA	9	0	78	0	77	216.8	
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	148.2	
5A	DEGREE XTRA	3.03	LAA	9	0	99	0	99	217.0	
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	98	0	98	217.9	
B	RDUP ORIG MAX	0.75	LAA	11						
C	LIQUID AMS	5.00	PMV	11						
7A	DEGREE XTRA	3.03	LAA	9	0	89	0	99	215.2	
B	RDUP ORIG MAX	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
8A	DEGREE XTRA	3.03	LAA	9	0	87	0	98	209.8	
B	RDUP ORIG MAX	0.75	LAA	13						
C	LIQUID AMS	5.00	PMV	13						
					LSD (0.05)	0.00	5.31	0.00	6.91	32.56
					STANDARD DEVIATION	0.00	2.48	0.00	3.22	15.18

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/10/2006(1)  
 11 = ----- / EPOST 06/07/2006(2)  
 12 = ----- / POST 06/15/2006(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	10 DAT	06/15/2006	01	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMX	10 DAT	06/15/2006	02	P	ZEAMX	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	30 DAT	07/05/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMX	30 DAT	07/05/2006	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	YIELD	BU/A	10/23/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34H35 RR/LL

\* STAGE CODE

16 = 6 LEAVES UNFOLDED