

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/04/05	05/20/05	05/31/05	06/09/05	AME
AIR TEMPERATURE	61	64	80	84	F
% REL.HUMIDITY	30	60	28	45	
WIND DIRECTION	---	NORTH	NORTHEAST	SOUTHWEST	
WIND SPEED	0.0	4.0	3.0	3.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	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	40.00	40.00	40.00	40.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP *** CORN, DENT P35Y62RRL 05/04/2005	---/00 /	---/13 5.00/5.00	---/14 10.0/10.0	---/16 22.0/22.0	IN
*** PEST *** CORN, VOLUNTEER,		---/12 4.00/4.00	---/14 8.00/8.00	---/15 16.0/16.0	IN

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
 12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED

TITLE: Volunteer Corn Competition in Glyphosate and Glufosinate Resistant Corn. AS-200
CREATED: 04/17/2005 **REVISED:** 11/28/2005 **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:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ZEAMX	CHEAL	PHBPU	ZEAMD
		RATE	UNIT		10 DAT 05/31/05	10 DAT 05/31/05	10 DAT 05/31/05	10 DAT 05/31/05	10 DAT 05/31/05	30 DAT 06/20/05
1A	DEGREE XTRA	2.02	LAA	9	0	99	99	99	99	0
	B LIBERTY 1.67SL	0.45	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
2A	DEGREE XTRA	3.03	LAA	9	0	99	93	99	99	0
	B LIBERTY 1.67SL	0.45	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	DEGREE XTRA	3.03	LAA	9	0	99	97	97	97	0
	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	2.02	LAA	9	0	99	99	99	99	0
	B»WEED FREE	0.00	NA	0						
	C»WEATHERMAX 4.5	0.75	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»WEATHERMAX 4.5	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
6A	DEGREE XTRA	3.03	LAA	9	0	99	99	99	96	0
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	0.355	2.21	1.18	2.15	0.00
		STANDARD DEVIATION			0.00	0.167	1.00	0.553	1.00	0.00

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TRT	TREATMENT	DOSAGE		SETFA	ZEAMX	CHEAL	PHBPU	YIELD
NUM	COMPONENT	RATE	UNIT	30 DAT	30 DAT	30 DAT	30 DAT	BU/A
			TM	06/20/05	06/20/05	06/20/05	06/20/05	10/03/05
1A	DEGREE XTRA	2.02	LAA 9	88	94	90	71	111.9
B	LIBERTY 1.67SL	0.45	LAA 11					
C	LIQUID AMS	5.00	PMV 11					
2A	DEGREE XTRA	3.03	LAA 9	99	87	89	89	146.5
B	LIBERTY 1.67SL	0.45	LAA 12					
C	LIQUID AMS	5.00	PMV 12					
3A	DEGREE XTRA	3.03	LAA 9	99	97	95	93	142.4
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	84.0
5A	DEGREE XTRA	2.02	LAA 9	99	99	99	99	144.5
B	WEED FREE	0.00	NA 0					
C	WEATHERMAX 4.5	0.75	LAA 11					
D	LIQUID AMS	2.50	PMV 11					
E	WEATHERMAX 4.5	0.75	LAA 13					
F	LIQUID AMS	2.50	PMV 13					
6A	DEGREE XTRA	3.03	LAA 9	99	99	96	94	137.9
B	WEATHERMAX 4.5	0.75	LAA 12					
C	LIQUID AMS	2.50	PMV 12					
			LSD (0.05)	3.23	6.43	6.12	5.92	24.89
			STANDARD DEVIATION	1.52	3.00	2.87	2.78	11.68

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/04/2005(1)
 11 = ----- / EPOST 05/20/2005(2)
 12 = ----- / POST 05/31/2005(3)
 13 = ----- / LPOST 06/09/2005(4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	10 DAT	05/31/2005	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	10 DAT	05/31/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMX	10 DAT	05/31/2005	03	P	ZEAMX	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	10 DAT	05/31/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	10 DAT	05/31/2005	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	30 DAT	06/20/2005	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	30 DAT	06/20/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMX	30 DAT	06/20/2005	03	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	30 DAT	06/20/2005	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	30 DAT	06/20/2005	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/03/2005	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = P35Y62RRLL

* STAGE CODE

14 = 4 LEAVES UNFOLDED