

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.1  
 %OM: 5.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	10	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/23/08	06/06/08	AME
AIR TEMPERATURE	62	77	F
% REL.HUMIDITY	53	76	
WIND DIRECTION	EAST	SOUTH	
WIND SPEED	6.0	12.0	M/H
CLOUD COVER	CLEAR	CLOUDY	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
CORN, DENT		---/11	
PIONEER 34A20		5.00/5.00	IN
05/23/2008			
*** PEST ***			
WATERHEMP, COMMO		---/15	
		1.00/1.00	IN
LAMBSQUARTERS, C		---/14	
		1.00/1.00	IN
MORNINGGLORY, TA		---/10	
		1.00/1.00	IN
FOXTAIL, GIANT		---/12	
		1.00/4.00	IN
COCKLEBUR, COMMO		---/10	
		1.00/1.00	IN

## \* TIMING CODES

09 = ----- / PREEMERGENCE  
 10 = ----- / VEPOST

## \* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
 11 = FIRST LEAF UNFOLDED  
 12 = 2 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Kixor demonstrations in glyphosate-resistant corn. AS-400  
**CREATED:** 04/03/2008 **REVISED:** 08/28/2008 **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  
**PLOT AREA:** 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	PHBPU	XANST
		RATE	UNIT	TM	CON % 06/11/08	CON % 06/11/08	CON % 06/11/08	CON % 06/11/08	CON % 06/11/08	CON % 06/11/08
1A»	BAS 78102H 5.5	1.09	LAA	9	0	93	99	99	99	98
2A»	BAS 80004H 2.8	0.089	LAA	9	0	95	99	99	99	98
	B GUARDSMAN MAX	2.87	LAA	9						
3A»	LEXAR 3.7L	3.24	LAA	9	0	98	99	99	98	96
4A»	BAS 78102H 5.5	1.09	LAA	10	43	86	98	99	99	99
5A»	BAS 80004H 2.8	0.089	LAA	10	72	99	99	99	99	99
	B GUARDSMAN MAX	2.87	LAA	10						
6A»	BAS 80004H 2.8	0.089	LAA	10	84	99	99	99	99	99
	B GUARDSMAN MAX	2.87	LAA	10						
	C»COC	1.00	PMV	10						
	D»LIQUID AMS	2.50	PMV	10						
		LSD (0.05)			27.47	15.52	0.858	0.00	0.858	3.57
		STANDARD DEVIATION			12.33	7.00	0.385	0.00	0.385	1.60

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	PHBPU	XANST
		RATE	UNIT	TM	CON % 06/18/08	CON % 06/18/08	CON % 06/18/08	CON % 06/18/08	CON % 06/18/08	CON % 06/18/08
1A»	BAS 78102H 5.5	1.09	LAA	9	0	87	99	99	98	96
2A»	BAS 80004H 2.8	0.089	LAA	9	0	86	99	99	97	94
	B GUARDSMAN MAX	2.87	LAA	9						
3A»	LEXAR 3.7L	3.24	LAA	9	0	94	99	99	92	89
4A»	BAS 78102H 5.5	1.09	LAA	10	55	75	99	99	97	97
5A»	BAS 80004H 2.8	0.089	LAA	10	68	97	99	99	98	98
	B GUARDSMAN MAX	2.87	LAA	10						
6A»	BAS 80004H 2.8	0.089	LAA	10	80	96	99	99	98	98
	B GUARDSMAN MAX	2.87	LAA	10						
	C»COC	1.00	PMV	10						
	D»LIQUID AMS	2.50	PMV	10						
		LSD (0.05)			7.36	8.71	0.00	0.00	3.15	4.73
		STANDARD DEVIATION			3.31	3.91	0.00	0.00	1.41	2.12

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REPS: 03

TRT	TREATMENT	DOSAGE	ZEAMD	SETFA	CHEAL	AMATA	PHBPU	XANST	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	CON %	CON %	
		UNIT	06/30/08	06/30/08	06/30/08	06/30/08	06/30/08	06/30/08	
1A»	BAS 78102H 5.5	1.09	LAA 9	0	70	99	99	82	77
2A»	BAS 80004H 2.8	0.089	LAA 9	0	86	99	99	88	85
	B GUARDSMAN MAX	2.87	LAA 9						
3A»	LEXAR 3.7L	3.24	LAA 9	0	83	99	99	83	73
4A»	BAS 78102H 5.5	1.09	LAA 10	17	65	99	99	84	86
5A»	BAS 80004H 2.8	0.089	LAA 10	32	87	99	99	92	92
	B GUARDSMAN MAX	2.87	LAA 10						
6A»	BAS 80004H 2.8	0.089	LAA 10	53	89	99	99	89	91
	B GUARDSMAN MAX	2.87	LAA 10						
	C»COC	1.00	PMV 10						
	D»LIQUID AMS	2.50	PMV 10						
		LSLSD (0.05)		6.57	11.20	0.00	0.00	13.25	13.55
		STANDARD DEVIATION		3.00	5.00	0.00	0.00	5.95	6.08

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

09 = ----- / PREEMERGENCE 05/23/2008(1)  
 10 = ----- / VEPOST 06/06/2008(2)

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 %	06/11/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/11/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/11/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/11/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/11/2008	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/11/2008	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/18/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/18/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/18/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/18/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU	CON %	06/18/2008	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	06/18/2008	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/30/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/30/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/30/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	06/30/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	06/30/2008	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	XANST	CON %	06/30/2008	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = PIONEER 34A20