

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
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	03	UNIT
TIMINGS	05	09	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/08/08	04/21/08	06/05/08	AME
AIR TEMPERATURE	49	77	80	F
% REL.HUMIDITY	63	55	82	
WIND DIRECTION	SOUTHEAST	SOUTHWEST	SOUTHWEST	
WIND SPEED	10.0	5.0	9.0	M/H
CLOUD COVER	CLOUDY	CLEAR	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT			---/16	
PIONEER 34A20			16.0/16.0	IN
04/21/2008				
*** PEST ***				
VELVETLEAF			---/16	
			2.00/6.00	IN
WATERHEMP, COMMO			---/19	
			2.00/8.00	IN
LAMBSQUARTERS, C			---/19	
			2.00/8.00	IN
MORNINGGLORY, TA			---/19	
			2.00/4.00	IN
FOXTAIL, GIANT			---/16	
			4.00/12.0	IN

* TIMING CODES

05 = ----- / EPP 15 DBP
09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

16 = 6 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Kixor products for weed control in glyphosate-resistant corn. AS-100
CREATED: 03/26/2008 **REVISED:** 09/12/2008 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/29/08	SETFA CON % 05/29/08	CHEAL CON % 05/29/08	AMATA CON % 05/29/08	ABUTH CON % 05/29/08	PHBPU CON % 05/29/08
1A»BAS 78102H 5.5	1.09	LAA	9	0	95	99	99	98	87
2A»BAS 80004H 2.8	0.089	LAA	9	0	98	99	99	99	94
B GUARDSMAN MAX	2.87	LAA	9						
3A LUMAX	2.94	LAA	9	0	96	99	99	99	91
4A»BAS 78102H 5.5	0.74	LAA	9	0	95	98	99	98	82
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
5A»BAS 78102H 5.5	0.74	LAA	9	0	96	98	98	98	78
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.088	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
6A»BAS 80004H 2.8	0.067	LAA	9	0	97	99	99	99	90
B GUARDSMAN MAX	1.56	LAA	9						
C»RNDUP POWERMAX	0.77	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A HARNESS XTRA	1.75	LAA	9	0	99	99	99	77	68
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»BAS 78102H 5.5	1.09	LAA	5	0	98	99	99	98	79
10A LUMAX	2.94	LAA	5	0	96	99	99	99	75
LSD (0.05)				0.00	2.77	0.788	0.626	8.62	8.08
STANDARD DEVIATION				0.00	1.32	0.375	0.298	4.11	3.84

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PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/18/08	SETFA CON % 06/18/08	CHEAL CON % 06/18/08	AMATA CON % 06/18/08	ABUTH CON % 06/18/08	PHBPU CON % 06/18/08
1A»BAS 78102H 5.5	1.09	LAA	9	0	93	99	99	97	87
2A»BAS 80004H 2.8	0.089	LAA	9	0	96	99	99	99	94
B GUARDSMAN MAX	2.87	LAA	9						
3A LUMAX	2.94	LAA	9	0	92	99	99	99	84
4A»BAS 78102H 5.5	0.74	LAA	9	0	97	99	99	99	93
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
5A»BAS 78102H 5.5	0.74	LAA	9	0	99	99	99	99	96
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.088	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
6A»BAS 80004H 2.8	0.067	LAA	9	0	99	99	99	98	97
B GUARDSMAN MAX	1.56	LAA	9						
C»RNDUP POWERMAX	0.77	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A HARNESS XTRA	1.75	LAA	9	0	99	99	99	95	95
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»BAS 78102H 5.5	1.09	LAA	5	0	90	99	99	99	73
10A LUMAX	2.94	LAA	5	0	91	99	99	99	67
LSD (0.05)				0.00	4.93	0.00	0.00	3.78	9.08
STANDARD DEVIATION				0.00	2.35	0.00	0.00	1.80	4.32

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 07/03/08	SETFA CON % 07/03/08	CHEAL CON % 07/03/08	AMATA CON % 07/03/08	ABUTH CON % 07/03/08	PHBPU CON % 07/03/08
1A»BAS 78102H 5.5	1.09	LAA	9	0	90	99	99	98	88
2A»BAS 80004H 2.8	0.089	LAA	9	0	96	99	99	99	93
B GUARDSMAN MAX	2.87	LAA	9						
3A LUMAX	2.94	LAA	9	0	92	99	99	99	89
4A»BAS 78102H 5.5	0.74	LAA	9	0	99	99	99	99	97
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
5A»BAS 78102H 5.5	0.74	LAA	9	0	98	99	99	99	98
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.088	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
6A»BAS 80004H 2.8	0.067	LAA	9	0	99	99	99	99	98
B GUARDSMAN MAX	1.56	LAA	9						
C»RNDUP POWERMAX	0.77	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A HARNESS XTRA	1.75	LAA	9	0	99	99	99	98	93
B»RNDUP POWERMAX	0.77	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»BAS 78102H 5.5	1.09	LAA	5	0	92	99	99	96	78
10A LUMAX	2.94	LAA	5	0	87	99	99	99	77
LSD (0.05)				0.00	5.14	0.00	0.00	1.49	7.81
STANDARD DEVIATION				0.00	2.44	0.00	0.00	0.708	3.72

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
05 = ----- / EPP 15 DBP 04/08/2008(1)
09 = ----- / PREEMERGENCE 04/21/2008(2)
12 = ----- / POST 06/05/2008(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/29/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/29/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/29/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/29/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/29/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/29/2008	06	P	PHBPU		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	ABUTH	CON %	06/18/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/18/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/03/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/03/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/03/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/03/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
017	ABUTH	CON %	07/03/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/03/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20