

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	05	09	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/24/08	05/20/08	06/19/08	AME
AIR TEMPERATURE	73	63	77	F
% REL.HUMIDITY	47	40	40	
WIND DIRECTION	SOUTHEAST	NORTHWEST	NORTHWEST	
WIND SPEED	13.0	7.0	4.0	M/H
CLOUD COVER	OVERCAST	CLOUDY	CLEAR	
DEW	---	---	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	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			---/15	
PIONEER 33N12			12.0/14.0	IN
05/19/2008				
*** PEST ***				
VELVETLEAF			---/12	
			1.00/2.00	IN
RAGWEED, GIANT			---/14	
			1.00/6.00	IN
LAMBSQUARTERS, C			---/16	
			1.00/2.00	IN
FOXTAIL, GIANT			---/14	
			1.00/3.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Kixor products for weed control in glyphosate-resistant corn. SW-1600
CREATED: 04/19/2008 **REVISED:** 11/24/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	
		RATE	UNIT	TM	CON % 06/16/08	CON % 06/16/08	CON % 06/16/08	CON % 06/16/08	CON % 06/16/08	CON % 06/30/08	
1A»	BAS 78102H 5.5	1.09	LAA	9	0	99	94	99	99	C	
2A»	BAS 80004H 2.8	0.089	LAA	9	0	99	93	98	99	C	
	B GUARDSMAN MAX	2.87	LAA	9							
3A	LUMAX	2.94	LAA	9	0	99	90	99	99	C	
4A»	BAS 78102H 5.5	0.74	LAA	9	0	98	96	98	97	0	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	5.00	PMV	12							
5A»	BAS 78102H 5.5	0.74	LAA	9	0	98	87	98	98	0	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»STATUS 56DG	0.088	LAA	12							
	D»ACTIVATOR 90	0.25	PMV	12							
	E»LIQUID AMS	5.00	PMV	12							
6A»	BAS 80004H 2.8	0.067	LAA	9	0	99	85	99	99	0	
	B GUARDSMAN MAX	1.56	LAA	9							
	C»RNDUP POWERMAX	0.77	LAA	12							
	D»ACTIVATOR 90	0.25	PMV	12							
	E»LIQUID AMS	5.00	PMV	12							
7A	HARNES XTRA	1.75	LAA	9	0	99	40	47	99	0	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	5.00	PMV	12							
8A	CHECK	0.00	NA	0	0	0	0	0	0	0	
9A»	BAS 78102H 5.5	1.09	LAA	5	0	99	78	86	89	C	
10A	LUMAX	2.94	LAA	5	0	99	72	96	98	C	
					LSD (0.05)	0.00	1.00	16.12	6.40	8.83	0.00
					STANDARD DEVIATION	0.00	0.463	7.67	3.00	4.20	0.00

TITLE: Kixor products for weed control in glyphosate-resistant corn. SW-1600
CREATED: 04/19/2008 **REVISED:** 11/24/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA	
		RATE	UNIT	TM	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 06/30/08	CON % 07/16/08	CON % 07/16/08	
1A»	BAS 78102H 5.5	1.09	LAA	9	C	C	C	C	0	98	
2A»	BAS 80004H 2.8	0.089	LAA	9	C	C	C	C	0	98	
	B GUARDSMAN MAX	2.87	LAA	9							
3A	LUMAX	2.94	LAA	9	C	C	C	C	0	97	
4A»	BAS 78102H 5.5	0.74	LAA	9	99	99	99	99	0	99	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	5.00	PMV	12							
5A»	BAS 78102H 5.5	0.74	LAA	9	99	98	99	99	0	99	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»STATUS 56DG	0.088	LAA	12							
	D»ACTIVATOR 90	0.25	PMV	12							
	E»LIQUID AMS	5.00	PMV	12							
6A»	BAS 80004H 2.8	0.067	LAA	9	99	97	99	99	0	99	
	B GUARDSMAN MAX	1.56	LAA	9							
	C»RNDUP POWERMAX	0.77	LAA	12							
	D»ACTIVATOR 90	0.25	PMV	12							
	E»LIQUID AMS	5.00	PMV	12							
7A	HARNES XTRA	1.75	LAA	9	99	88	99	99	0	98	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	5.00	PMV	12							
8A	CHECK	0.00	NA	0	0	0	0	0	0	0	
9A»	BAS 78102H 5.5	1.09	LAA	5	C	C	C	C	0	92	
10A	LUMAX	2.94	LAA	5	C	C	C	C	0	92	
					LSD (0.05)	0.418	2.42	0.455	0.00	0.00	4.62
					STANDARD DEVIATION	0.199	1.15	0.217	0.00	0.00	2.20

TITLE: Kixor products for weed control in glyphosate-resistant corn. SW-1600
CREATED: 04/19/2008 **REVISED:** 11/24/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	AMBTR	ABUTH	CHEAL	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	BU/A
					07/16/08	07/16/08	07/16/08	11/10/08
1A»	BAS 78102H 5.5	1.09	LAA	9	72	98	98	192.5
2A»	BAS 80004H 2.8	0.089	LAA	9	57	96	99	174.0
	B GUARDSMAN MAX	2.87	LAA	9				
3A	LUMAX	2.94	LAA	9	65	99	99	185.4
4A»	BAS 78102H 5.5	0.74	LAA	9	98	99	99	180.2
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
	D»LIQUID AMS	5.00	PMV	12				
5A»	BAS 78102H 5.5	0.74	LAA	9	97	99	99	198.1
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»STATUS 56DG	0.088	LAA	12				
	D»ACTIVATOR 90	0.25	PMV	12				
	E»LIQUID AMS	5.00	PMV	12				
6A»	BAS 80004H 2.8	0.067	LAA	9	95	99	98	183.1
	B GUARDSMAN MAX	1.56	LAA	9				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D»ACTIVATOR 90	0.25	PMV	12				
	E»LIQUID AMS	5.00	PMV	12				
7A	HARNES XTRA	1.75	LAA	9	91	98	99	186.3
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
	D»LIQUID AMS	5.00	PMV	12				
8A	CHECK	0.00	NA	0	0	0	0	73.0
9A»	BAS 78102H 5.5	1.09	LAA	5	40	60	68	133.4
10A	LUMAX	2.94	LAA	5	27	87	98	151.0
		LSD (0.05)			17.43	7.86	4.50	36.49
		STANDARD DEVIATION			8.30	3.74	2.14	17.37

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
 05 = ----- / EPP 15 DBP 04/24/2008(1)
 09 = ----- / PREEMERGENCE 05/20/2008(2)
 12 = ----- / POST 06/19/2008(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 %	06/16/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/16/2008	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/16/2008	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/16/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/30/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/30/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/30/2008	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/30/2008	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/30/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/16/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/16/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	07/16/2008	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/16/2008	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/16/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	11/10/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 33N12