

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.0
%OM: 6.0
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 29 FEET
PLOT AREA: 290 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/20/08	06/11/08	06/30/08	AME
AIR TEMPERATURE	63	78	75	F
% REL.HUMIDITY	40	58	53	
WIND DIRECTION	NORTHWEST	SOUTH	NORTHWEST	
WIND SPEED	7.0	12.0	8.0	M/H
CLOUD COVER	CLOUDY	CLOUDY	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	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		---/13	---/18	
PIONEER 33N12		6.00/7.00	23.0/25.0	IN
05/19/2008				
*** PEST ***				
VELVETLEAF		---/11	---/13	
		0.50/1.50	2.00/2.00	IN
RAGWEED, GIANT		---/14	---/16	
		1.00/4.00	4.00/8.00	IN
LAMBSQUARTERS, C		---/14	---/18	
		0.50/1.50	1.00/3.00	IN
FOXTAIL, GIANT		---/13	---/15	
		1.00/3.00	2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Monsanto glyphosate combinations for weed control in glyphosate-resistant corn.
SW-1500

CREATED: 04/19/2008 **REVISED:** 11/25/2008

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DeKalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG

PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT		10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	10 DAT 06/19/08	30 DAT 07/09/08
1A	DUAL II MAGNUM	1.20	LAA	9	0	99	87	91	98	0
	B»IMPACT 2.8SC	0.011	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
2A	DUAL II MAGNUM	1.20	LAA	9	0	99	93	99	98	0
	B»IMPACT 2.8SC	0.011	LAA	11						
	C»RNDUP POWERMAX	0.75	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
3A	DUAL II MAGNUM	1.20	LAA	9	0	99	92	94	98	0
	B»IMPACT 2.8SC	0.016	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
4A	DUAL II MAGNUM	1.20	LAA	9	0	99	87	99	99	0
	B»IMPACT 2.8SC	0.016	LAA	11						
	C»RNDUP POWERMAX	0.75	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
5A	DUAL II MAGNUM	1.20	LAA	9	0	99	94	92	98	0
	B»STATUS 56DG	0.088	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
6A	DUAL II MAGNUM	1.20	LAA	9	0	99	96	99	99	0
	B»STATUS 56DG	0.088	LAA	11						
	C»RNDUP POWERMAX	0.75	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
7A	DUAL II MAGNUM	1.20	LAA	9	0	99	96	97	99	0
	B»STATUS 56DG	0.175	LAA	11						
	C»IMPACT 2.8SC	0.016	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
8A	DUAL II MAGNUM	1.20	LAA	9	0	99	96	99	98	0
	B»STATUS 56DG	0.175	LAA	11						
	C»RNDUP POWERMAX	0.75	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
9A	DUAL II MAGNUM	1.20	LAA	9	0	99	94	99	99	0
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»RNDUP POWERMAX	0.75	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	0.00	7.27	2.14	1.38	0.00
		STANDARD DEVIATION			0.00	0.00	3.43	1.00	0.65	0.00

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LOCATION: DeKalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG

PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	ABUTH	CHEAL	YIELD
		RATE	UNIT		30 DAT 07/09/08	30 DAT 07/09/08	30 DAT 07/09/08	30 DAT 07/09/08	BU/A 11/11/08
1A	DUAL II MAGNUM	1.20	LAA	9	98	55	63	78	199.8
	B»IMPACT 2.8SC	0.011	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
2A	DUAL II MAGNUM	1.20	LAA	9	98	52	87	92	203.2
	B»IMPACT 2.8SC	0.011	LAA	11					
	C»RNDUP POWERMAX	0.75	LAA	11					
	D»LIQUID AMS	2.50	PMV	11					
3A	DUAL II MAGNUM	1.20	LAA	9	98	55	60	73	193.7
	B»IMPACT 2.8SC	0.016	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
4A	DUAL II MAGNUM	1.20	LAA	9	99	50	98	97	203.4
	B»IMPACT 2.8SC	0.016	LAA	11					
	C»RNDUP POWERMAX	0.75	LAA	11					
	D»LIQUID AMS	2.50	PMV	11					
5A	DUAL II MAGNUM	1.20	LAA	9	99	80	82	97	202.0
	B»STATUS 56DG	0.088	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
6A	DUAL II MAGNUM	1.20	LAA	9	99	68	92	99	198.5
	B»STATUS 56DG	0.088	LAA	11					
	C»RNDUP POWERMAX	0.75	LAA	11					
	D»LIQUID AMS	2.50	PMV	11					
7A	DUAL II MAGNUM	1.20	LAA	9	99	83	87	98	218.3
	B»STATUS 56DG	0.175	LAA	11					
	C»IMPACT 2.8SC	0.016	LAA	11					
	D»COC	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
8A	DUAL II MAGNUM	1.20	LAA	9	99	88	94	99	195.6
	B»STATUS 56DG	0.175	LAA	11					
	C»RNDUP POWERMAX	0.75	LAA	11					
	D»LIQUID AMS	2.50	PMV	11					
9A	DUAL II MAGNUM	1.20	LAA	9	99	94	99	98	197.5
	B»RNDUP POWERMAX	0.75	LAA	11					
	C»LIQUID AMS	2.50	PMV	11					
	D»RNDUP POWERMAX	0.75	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
		LSD (0.05)			0.905	18.26	11.00	11.87	17.00
		STANDARD DEVIATION			0.427	8.61	5.18	5.60	8.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 05/20/2008(1)

11 = ----- / EPOST 06/11/2008(2)

13 = ----- / LPOST 06/30/2008(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	10 DAT	06/19/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	10 DAT	06/19/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	10 DAT	06/19/2008	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	10 DAT	06/19/2008	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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SW-1500

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
005	CHEAL	10 DAT	06/19/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	30 DAT	07/09/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	30 DAT	07/09/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	30 DAT	07/09/2008	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	30 DAT	07/09/2008	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	30 DAT	07/09/2008	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	11/11/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 33N12