

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH:  
 %OM: 0.0  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET  
 PLOT AREA: 300 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/09/08	07/02/08	07/08/08	AME
AIR TEMPERATURE	84	83	91	F
% REL.HUMIDITY	87	46	50	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	SOUTHWEST	
WIND SPEED	1.0	7.0	10.0	M/H
CLOUD COVER	CLEAR	CLOUDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/DRY	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	---/00	---/15	---/16	
DEKALB 61-19	/	11.0/11.0	26.0/26.0	IN
06/06/2008				
*** PEST ***				
WATERHEMP, COMMO	---/00	---/15	---/18	
	/	2.00/2.00	5.00/5.00	IN
RAGWEED, COMMON	---/00	---/18	---/18	
	/	7.00/7.00	6.00/6.00	IN
MORNINGGLORY	---/00		---/12	
	/		3.00/3.00	IN
PANICUM, FALL	---/00	---/14	---/14	
	/	7.00/7.00	7.00/7.00	IN
FOXTAIL, GIANT	---/00	---/14	---/14	
	/	7.00/7.00	7.00/7.00	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 10 = ----- / VEPOST  
 11 = ----- / EPOST

\* STAGE CODE

00 = DRY SEED (CARYOPSIS)  
 00 = DRY SEED (CARYOPSIS)  
 00 = DRY SEED; DORMANCY  
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 16 = 6 LEAVES UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** New corn herbicides for weed control in glyphosate-resistant corn. E3  
**CREATED:** 05/03/2008 **REVISED:** 11/24/2008 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	SETFA	AMATA	AMBEL
		RATE	UNIT	TM	PRE 07/08/08	10 DAT 07/14/08	30 DAT 08/06/08	PRE 07/08/08	PRE 07/08/08	PRE 07/08/08
1A»	BAS 78102H 5.5	1.09	LAA	9	0	C	0	98	99	99
2A»	BAS 80004H 2.8	0.089	LAA	9	0	C	0	98	99	99
	B GUARDSMAN MAX	2.87	LAA	9						
3A»	LEXAR 3.7L	2.78	LAA	9	0	C	0	99	99	99
4A»	KIH-485 85WG	0.22	LAA	9	0	C	0	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
5A»	BAL FLEXX 2L	0.078	LAA	9	0	C	0	94	99	99
	B ATRAZINE DF	1.50	LAA	9						
6A»	CORVUS 2.6SC	0.091	LAA	9	0	C	0	94	99	99
	B ATRAZINE DF	1.50	LAA	9						
7A»	BAL FLEXX 2L	0.078	LAA	10	C	0	0	C	C	C
	B ATRAZINE DF	1.50	LAA	10						
8A»	CORVUS 2.6SC	0.091	LAA	10	C	0	0	C	C	C
	B ATRAZINE DF	1.50	LAA	10						
9A»	CAPRENO 3.45 S	0.081	LAA	10	C	0	0	C	C	C
	B ATRAZINE DF	0.50	LAA	10						
	C»COC	1.00	PMV	10						
	D 28% UAN	2.50	PMV	10						
10A»	RESOLVE 25DF	0.012	LAA	11	C	0	0	C	C	C
	B ACCENT 75WG	0.023	LAA	11						
	C»ISOXADIFEN-ETH	0.0078	LAA	11						
	D»IMPACT 2.8SC	0.011	LAA	11						
	E ATRAZINE DF	0.50	LAA	11						
	F»MSO	1.00	PMV	11						
	G»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.00	0.00	0.00	2.31	0.00	0.00
		STANDARD DEVIATION			0.00	0.00	0.00	1.10	0.00	0.00

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			IPOSS	SETFA	AMBEL	AMATA	IPOSS	SETFA
		RATE	UNIT	TM	PRE 07/08/08	10 DAT 07/14/08	10 DAT 07/14/08	10 DAT 07/14/08	10 DAT 07/14/08	30 DAT 08/06/08
1A»	BAS 78102H 5.5	1.09	LAA	9	99	C	C	C	C	96
2A»	BAS 80004H 2.8	0.089	LAA	9	99	C	C	C	C	92
	B GUARDSMAN MAX	2.87	LAA	9						
3A»	LEXAR 3.7L	2.78	LAA	9	97	C	C	C	C	99
4A»	KIH-485 85WG	0.22	LAA	9	97	C	C	C	C	99
	B ATRAZINE DF	1.50	LAA	9						
5A»	BAL FLEXX 2L	0.078	LAA	9	96	C	C	C	C	92
	B ATRAZINE DF	1.50	LAA	9						
6A»	CORVUS 2.6SC	0.091	LAA	9	96	C	C	C	C	89
	B ATRAZINE DF	1.50	LAA	9						
7A»	BAL FLEXX 2L	0.078	LAA	10	C	80	99	99	99	73
	B ATRAZINE DF	1.50	LAA	10						
8A»	CORVUS 2.6SC	0.091	LAA	10	C	78	99	99	99	67
	B ATRAZINE DF	1.50	LAA	10						
9A»	CAPRENO 3.45 S	0.081	LAA	10	C	93	99	99	99	93
	B ATRAZINE DF	0.50	LAA	10						
	C»COC	1.00	PMV	10						
	D 28% UAN	2.50	PMV	10						
10A»	RESOLVE 25DF	0.012	LAA	11	C	78	93	99	99	93
	B ACCENT 75WG	0.023	LAA	11						
	C»ISOXADIFEN-ETH	0.0078	LAA	11						
	D»IMPACT 2.8SC	0.011	LAA	11						
	E ATRAZINE DF	0.50	LAA	11						
	F»MSO	1.00	PMV	11						
	G»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			2.62	8.39	2.82	0.00	0.00	9.05
		STANDARD DEVIATION			1.25	4.00	1.34	0.00	0.00	4.31

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			TM	PANDI 30 DAT 08/06/08	AMATA 30 DAT 08/06/08	AMBEL 30 DAT 08/06/08	IPOSS 30 DAT 08/06/08
		RATE	UNIT						
1A»	BAS 78102H 5.5	1.09	LAA	9	99	99	99	92	
2A»	BAS 80004H 2.8	0.089	LAA	9	99	99	99	97	
	B GUARDSMAN MAX	2.87	LAA	9					
3A»	LEXAR 3.7L	2.78	LAA	9	99	99	95	96	
4A»	KIH-485 85WG	0.22	LAA	9	99	99	99	94	
	B ATRAZINE DF	1.50	LAA	9					
5A»	BAL FLEXX 2L	0.078	LAA	9	92	99	99	92	
	B ATRAZINE DF	1.50	LAA	9					
6A»	CORVUS 2.6SC	0.091	LAA	9	95	99	99	91	
	B ATRAZINE DF	1.50	LAA	9					
7A»	BAL FLEXX 2L	0.078	LAA	10	65	99	99	94	
	B ATRAZINE DF	1.50	LAA	10					
8A»	CORVUS 2.6SC	0.091	LAA	10	65	99	96	99	
	B ATRAZINE DF	1.50	LAA	10					
9A»	CAPRENO 3.45 S	0.081	LAA	10	96	99	99	95	
	B ATRAZINE DF	0.50	LAA	10					
	C»COC	1.00	PMV	10					
	D 28% UAN	2.50	PMV	10					
10A»	RESOLVE 25DF	0.012	LAA	11	99	99	99	96	
	B ACCENT 75WG	0.023	LAA	11					
	C»ISOXADIFEN-ETH	0.0078	LAA	11					
	D»IMPACT 2.8SC	0.011	LAA	11					
	E ATRAZINE DF	0.50	LAA	11					
	F»MSO	1.00	PMV	11					
	G»LIQUID AMS	2.50	PMV	11					
LSD (0.05)					12.91	0.313	3.73	5.00	
STANDARD DEVIATION					6.14	0.149	1.78	2.39	

» = SUPPLEMENTAL CHEMICAL

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

\* TIMING CODES

09 = ----- / PREEMERGENCE 06/09/2008(1)  
 10 = ----- / VEPOST 07/02/2008(2)  
 11 = ----- / EPOST 07/08/2008(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	PRE	07/08/2008	01	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	10 DAT	07/14/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	30 DAT	08/06/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	07/08/2008	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	PRE	07/08/2008	04	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL	PRE	07/08/2008	05	P	AMBEL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOSS	PRE	07/08/2008	06	P	IPOSS	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	10 DAT	07/14/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	10 DAT	07/14/2008	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	10 DAT	07/14/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	IPOSS	10 DAT	07/14/2008	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	30 DAT	08/06/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PANDI	30 DAT	08/06/2008	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	30 DAT	08/06/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMBEL	30 DAT	08/06/2008	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	IPOSS	30 DAT	08/06/2008	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DEKALB 61-19

## \* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4 LEAVES UNFOLDED  
16 = 6 LEAVES UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED