

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	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/09/08	07/08/08	07/16/08	AME
AIR TEMPERATURE	84	91	92	F
% REL.HUMIDITY	87	50	37	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	WEST	
WIND SPEED	1.0	9.5	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	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	---/00	---/36	---/37	
DEKALB 61-19	/	26.0/26.0	36.0/36.0	IN
06/06/2008				
*** PEST ***				
WATERHEMP, COMMO	---/00	---/18	---/19	
	/	5.00/5.00	10.0/10.0	IN
RAGWEED, COMMON	---/00	---/18	---/19	
	/	6.00/6.00	11.0/11.0	IN
CRABGRASS, LARGE	---/00	---/19	---/19	
	/	1.00/1.00	6.00/6.00	IN
PANICUM, FALL	---/00	---/14	---/17	
	/	7.00/7.00	16.0/16.0	IN
FOXTAIL, GIANT	---/00	---/14	---/17	
	/	7.00/7.00	16.0/16.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
12 = ----- / POST

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
00 = DRY SEED (CARYOPSIS)
00 = DRY SEED; DORMANCY
14 = 4 LEAVES UNFOLDED
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
36 = 6 NODES DETECTABLE

* STAGE CODE

37 = 7 NODES DETECTABLE

TITLE: Capreno and glyphosate comparisons for weed control in glyphosate-resistant corn. E3
CREATED: 05/06/2008 **REVISED:** 01/05/2009 **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	AMATA
		RATE	UNIT	TM	CON % 07/08/08	CON % 07/16/08	CON % 08/14/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08
1A»	BAL FLEXX 2L	0.047	LAA	9	0	0	0	83	83	99
B	ATRAZINE DF	1.00	LAA	9						
C»	CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	COC	1.00	PMV	12						
F	28% UAN	2.50	PMV	12						
2A»	BAL FLEXX 2L	0.047	LAA	9	0	0	0	90	90	99
B	ATRAZINE DF	1.00	LAA	9						
C»	CAPRENO 3.45 S	0.081	LAA	12						
D»	MSO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
3A	LUMAX	1.48	LAA	9	0	0	0	96	96	99
B	LUMAX	1.48	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
4A	HARNESS XTRA	2.10	LAA	9	0	0	0	96	98	99
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
5A»	CAPRENO 3.45 S	0.081	LAA	12	C	3	0	C	C	C
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
6A»	CAPRENO 3.45 S	0.081	LAA	12	C	2	0	C	C	C
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.38	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	CAPRENO 3.45 S	0.081	LAA	11	C	0	0	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
8A»	IMPACT 2.8SC	0.016	LAA	11	C	0	0	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
9A»	CAPRENO 3.45 S	0.081	LAA	11	C	0	0	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
10A	CHECK	0.00	NA	0	C	0	0	C	C	C
11A»	HALEX GT 4.38L	1.97	LAA	11	C	0	0	C	C	C
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	IMPACT 2.8SC	0.022	LAA	11	C	0	0	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
LSD (0.05)					0.00	3.00	0.00	4.36	4.42	0.00
STANDARD DEVIATION					0.00	1.47	0.00	2.10	2.13	0.00

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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			AMBEL	SETFA	PANDI	DIGSA	AMATA	AMBEL
		RATE	UNIT	TM	CON % 07/08/08	CON % 07/16/08	CON % 07/16/08	CON % 07/16/08	CON % 07/16/08	CON % 07/16/08
1A»	BAL FLEXX 2L	0.047	LAA	9	99	85	85	90	99	99
B	ATRAZINE DF	1.00	LAA	9						
C»	CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	COC	1.00	PMV	12						
F	28% UAN	2.50	PMV	12						
2A»	BAL FLEXX 2L	0.047	LAA	9	99	90	90	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C»	CAPRENO 3.45 S	0.081	LAA	12						
D»	MSO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
3A	LUMAX	1.48	LAA	9	91	97	97	99	99	99
B	LUMAX	1.48	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
4A	HARNESS XTRA	2.10	LAA	9	96	99	99	99	99	99
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
5A»	CAPRENO 3.45 S	0.081	LAA	12	C	96	94	96	99	98
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
6A»	CAPRENO 3.45 S	0.081	LAA	12	C	84	84	83	99	99
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.38	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	CAPRENO 3.45 S	0.081	LAA	11	C	91	91	94	99	95
B	ATRAZINE DF	0.50	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
8A»	IMPACT 2.8SC	0.016	LAA	11	C	93	93	96	99	97
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
9A»	CAPRENO 3.45 S	0.081	LAA	11	C	93	93	91	99	95
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
10A	CHECK	0.00	NA	0	C	0	0	0	0	0
11A»	HALEX GT 4.38L	1.97	LAA	11	C	84	84	86	96	83
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	IMPACT 2.8SC	0.022	LAA	11	C	95	95	97	99	96
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
LSD (0.05)					1.73	6.65	6.58	8.49	2.54	4.84
STANDARD DEVIATION					0.834	3.21	3.17	4.10	1.22	2.34

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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			SETFA	PANDI	AMATA	AMBEL
		RATE	UNIT	TM	CON % 08/14/08	CON % 08/14/08	CON % 08/14/08	CON % 08/14/08
1A»	BAL FLEXX 2L	0.047	LAA	9	93	94	99	99
	B ATRAZINE DF	1.00	LAA	9				
	C»CAPRENO 3.45 S	0.081	LAA	12				
	D ATRAZINE DF	0.50	LAA	12				
	E»COC	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
2A»	BAL FLEXX 2L	0.047	LAA	9	92	84	99	99
	B ATRAZINE DF	1.00	LAA	9				
	C»CAPRENO 3.45 S	0.081	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
3A	LUMAX	1.48	LAA	9	95	94	99	99
	B LUMAX	1.48	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
4A	HARNESS XTRA	2.10	LAA	9	98	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
5A»	CAPRENO 3.45 S	0.081	LAA	12	96	96	99	99
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
6A»	CAPRENO 3.45 S	0.081	LAA	12	88	83	99	99
	B ATRAZINE DF	1.00	LAA	12				
	C»RNDUP POWERMAX	0.38	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
7A»	CAPRENO 3.45 S	0.081	LAA	11	81	99	99	99
	B ATRAZINE DF	0.50	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
8A»	IMPACT 2.8SC	0.016	LAA	11	81	89	98	99
	B ATRAZINE DF	0.50	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
9A»	CAPRENO 3.45 S	0.081	LAA	11	79	99	99	99
	B ATRAZINE DF	0.50	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
10A	CHECK	0.00	NA	0	0	0	0	0
11A»	HALEX GT 4.38L	1.97	LAA	11	91	96	96	83
	B»ACTIVATOR 90	0.25	PMV	11				
	C»LIQUID AMS	2.50	PMV	11				
12A»	IMPACT 2.8SC	0.022	LAA	11	90	85	99	99
	B ATRAZINE DF	0.50	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
		LSD (0.05)			7.89	10.65	2.68	3.14
		STANDARD DEVIATION			3.81	5.13	1.29	1.52

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 06/09/2008(1)
11 = ----- / EPOST 07/08/2008(2)
12 = ----- / POST 07/16/2008(3)

TITLE: Capreno and glyphosate comparisons for weed control in glyphosate-resistant corn. E3

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	07/08/2008	01	P	ZEAMD	36	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/16/2008	01	P	ZEAMD	37	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	CON %	08/14/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/08/2008	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/08/2008	03	P	PANDI	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/08/2008	05	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	07/08/2008	06	P	AMBEL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/16/2008	02	P	SETFA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PANDI	CON %	07/16/2008	03	P	PANDI	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	DIGSA	CON %	07/16/2008	04	P	DIGSA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/16/2008	05	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	07/16/2008	06	P	AMBEL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	CON %	08/14/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PANDI	CON %	08/14/2008	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	08/14/2008	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMBEL	CON %	08/14/2008	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DEKALB 61-19

* STAGE CODE

14 = 4 LEAVES UNFOLDED
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
36 = 6 NODES DETECTABLE
37 = 7 NODES DETECTABLE