

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.0  
 %OM: 6.0  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 20 X 85 FEET  
 PLOT AREA: 1700 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/26/12	05/25/12	06/03/12	07/10/12	AME
AIR TEMPERATURE	53	83	76	81	F
% REL.HUMIDITY	60	29	34	37	
WIND DIRECTION	NORTH	NORTHEAST	WEST	EAST	
WIND SPEED	15.0	4.0	8.0	2.0	M/H
CLOUD COVER	OVERCAST	CLEAR	CLEAR	CLOUDY	
DEW	---	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/DRY	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	15.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/13	---/15	---/55	
84A40 3000GT		5.00/7.00	12.0/14.0	/	IN
04/25/2012					
*** PEST ***					
VELVETLEAF		---/13	---/14		
		1.00/2.00	1.00/3.00		IN
RAGWEED, GIANT		---/16	---/18		
		2.00/4.00	2.00/8.00		IN
LAMBSQUARTERS, C		---/18	---/19		
		0.50/1.50	1.00/2.00		IN
FOXTAIL, GIANT		---/14	---/15		
		1.00/3.00	2.00/5.00		IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 11 = ----- / EPOST  
 12 = ----- / POST  
 15 = ----- / PO.DIRECTED

\* STAGE CODE

13 = 3 LEAVES UNFOLDED  
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 55 = MIDDLE OF TASSEL EMERGENCE: MIDDLE OF TASSEL BEGINS TO SEPARATE

**TITLE:** Syngenta Integrated Crop Solutions in RR/LL Corn. SW-1500E  
**CREATED:** 04/11/2012 **REVISED:** 11/12/2012 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Dekalb **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 20.00 FT WIDE X 85.00 FT LONG  
**PLOT AREA:** 1700.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT TM	PRE 06/03/12	PRE 06/03/12	PRE 06/03/12	PRE 06/03/12	PRE 06/03/12	10 DAT 06/12/12
1A»	84U58 3122	0.00	NA 0	0	97	78	96	99	0
B»	LEXAR EZ 3.7SC	2.08	LAA 9						
C»	HALEX GT 4.38L	1.97	LAA 12						
D»	QUILT EXCEL 2.	0.103	LAA 12						
E»	LIQUID AMS	2.50	PMV 12						
F»	QUILT EXCEL 2.	0.18	LAA 15						
G»	BESIEGE 1.25L	0.059	PMV 15						
2A»	84U58 3122	0.00	NA 0	C	C	C	C	C	0
B»	HALEX GT 4.38L	1.97	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	QUILT EXCEL 2.	0.18	LAA 15						
E»	BESIEGE 1.25L	0.059	PMV 15						
3A»	84U58 3000GT	0.00	NA 0	0	70	40	43	97	0
B	ATRAZINE DF	1.00	LAA 9						
C»	TOUCHDN TOTAL	1.04	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		0.00	2.00	10.00	8.81	0.756	0.00
		STANDARD DEVIATION		0.00	0.72	3.60	3.17	0.272	0.00

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**LOCATION:** Dekalb **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 20.00 FT WIDE X 85.00 FT LONG  
**PLOT AREA:** 1700.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	10 DAT 06/12/12	10 DAT 06/12/12	10 DAT 06/12/12	10 DAT 06/12/12	30 DAT 07/03/12	30 DAT 07/03/12
1A»	84U58 3122	0.00	NA	0	99	96	99	99	0	99
B»	LEXAR EZ 3.7SC	2.08	LAA	9						
C»	HALEX GT 4.38L	1.97	LAA	12						
D»	QUILT EXCEL 2.	0.103	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
F»	QUILT EXCEL 2.	0.18	LAA	15						
G»	BESIEGE 1.25L	0.059	PMV	15						
2A»	84U58 3122	0.00	NA	0	98	97	98	96	0	98
B»	HALEX GT 4.38L	1.97	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	QUILT EXCEL 2.	0.18	LAA	15						
E»	BESIEGE 1.25L	0.059	PMV	15						
3A»	84U58 3000GT	0.00	NA	0	97	93	92	98	0	97
B	ATRAZINE DF	1.00	LAA	9						
C»	TOUCHDN TOTAL	1.04	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			1.51	3.29	2.39	2.62	0.00	2.07
		STANDARD DEVIATION			0.544	1.19	0.861	0.943	0.00	0.745

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LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL  
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
PLOT SIZE: 20.00 FT WIDE X 85.00 FT LONG  
PLOT AREA: 1700.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMBTR 30 DAT 07/03/12	ABUTH 30 DAT 07/03/12	CHEAL 30 DAT 07/03/12	YIELD BU/A 10/26/12
1A»84U58 3122	0.00	NA	0	92	97	99	204.6
B»LEXAR EZ 3.7SC	2.08	LAA	9				
C»HALEX GT 4.38L	1.97	LAA	12				
D»QUILT EXCEL 2.	0.103	LAA	12				
E»LIQUID AMS	2.50	PMV	12				
F»QUILT EXCEL 2.	0.18	LAA	15				
G»BESIEGE 1.25L	0.059	PMV	15				
2A»84U58 3122	0.00	NA	0	98	97	96	200.5
B»HALEX GT 4.38L	1.97	LAA	11				
C»LIQUID AMS	2.50	PMV	11				
D»QUILT EXCEL 2.	0.18	LAA	15				
E»BESIEGE 1.25L	0.059	PMV	15				
3A»84U58 3000GT	0.00	NA	0	87	78	96	183.8
B ATRAZINE DF	1.00	LAA	9				
C»TOUCHDN TOTAL	1.04	LAA	12				
D»LIQUID AMS	2.50	PMV	12				
	LSD (0.05)			5.12	5.00	4.00	196.00
	STANDARD DEVIATION			1.85	1.78	1.44	61.60

» = SUPPLEMENTAL CHEMICAL

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

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
09 = ----- / PREEMERGENCE 04/26/2012(1)  
11 = ----- / EPOST 05/25/2012(2)  
12 = ----- / POST 06/03/2012(3)  
15 = ----- / PO.DIRECTED 07/10/2012(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	PRE	06/03/2012	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	06/03/2012	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PRE	06/03/2012	03	P	AMBTR	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	PRE	06/03/2012	04	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	PRE	06/03/2012	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	10 DAT	06/12/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	10 DAT	06/12/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	10 DAT	06/12/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	10 DAT	06/12/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/12/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	30 DAT	07/03/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	30 DAT	07/03/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	30 DAT	07/03/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	30 DAT	07/03/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	30 DAT	07/03/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/26/2012	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = 84A40 3000GT

\* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5 LEAVES UNFOLDED  
15 = 5 LEAVES UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED