

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	UNIT
TIMINGS	11	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/20/09	06/26/09	AME
AIR TEMPERATURE	77	89	F
% REL.HUMIDITY	81	44	
WIND DIRECTION	WEST	NORTH	
WIND SPEED	10.0	3.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
CORN, DENT	---/14	---/16	
P 34F97 RR/LL	5.00/7.00	12.0/15.0	IN
05/21/2009			
*** PEST ***			
VELVETLEAF	---/12	---/15	
	1.00/2.00	2.00/5.00	IN
RAGWEED, GIANT	---/16	---/19	
	2.00/5.00	8.00/12.0	IN
LAMBSQUARTERS, C	---/16	---/19	
	1.00/1.50	2.00/5.00	IN
FOXTAIL, GIANT	---/14	---/16	
	2.00/4.00	4.00/8.00	IN

* TIMING CODES

11 = ----- / EPOST
 12 = ----- / POST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Postemergence and Residual Herbicide Systems for Weed Control in RR/LL Corn.
SW-1500W

CREATED: 04/27/2009 **REVISED:** 12/04/2009

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 06/30/09	10 DAT 06/30/09	10 DAT 06/30/09	10 DAT 06/30/09	10 DAT 06/30/09	30 DAT 07/16/09
1A	CALLISTO XTRA	0.69	LAA	11	6	98	99	93	99	0
B	TOUCHDN TOTAL	0.78	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	LAUDIS 3.5SC	0.082	LAA	11	7	99	98	93	99	0
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
3A	IMPACT 2.8SC	0.016	LAA	11	4	98	90	90	99	0
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STATUS 56DG	0.175	LAA	11	4	98	96	91	99	0
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
5A	CAPRENO 3.45 S	0.081	LAA	11	5	99	94	91	99	0
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
6A	RNDUP POWERMAX	0.77	LAA	11	4	98	91	87	99	0
B	STATUS 56DG	0.088	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
7A	RNDUP POWERMAX	0.77	LAA	11	4	98	91	88	99	0
B	STATUS 56DG	0.175	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
8A	TOUCHDN TOTAL	0.78	LAA	12	0	99	95	95	94	0
B	CALLISTO 4SC	0.094	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	TOUCHDN TOTAL	0.78	LAA	12	0	98	93	95	92	0
B	CALLISTO 4SC	0.047	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	TOUCHDN TOTAL	0.78	LAA	12	0	98	95	92	92	0
B	LAUDIS 3.5SC	0.082	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	TOUCHDN TOTAL	0.78	LAA	12	0	99	96	95	96	0
B	STATUS 56DG	0.088	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	TOUCHDN TOTAL	0.78	LAA	12	9	99	92	91	95	0
B	CAPRENO 3.45 S	0.081	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	TOUCHDN TOTAL	0.78	LAA	12	0	99	95	94	98	0
B	LIQUID AMS	2.50	PMV	12						
15A	HELOSATE PLUS	0.75	LAA	12	0	99	96	95	83	0
B	HELOPYR 1.5SL	0.129	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					1.29	1.09	8.61	6.47	5.92	0.00
STANDARD DEVIATION					0.629	0.534	4.21	3.16	2.89	0.00

TITLE: Postemergence and Residual Herbicide Systems for Weed Control in RR/LL Corn.
SW-1500W

CREATED: 04/27/2009 **REVISED:** 12/04/2009

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	SETFA	AMBTR	ABUTH	CHEAL	YIELD	
		RATE	UNIT		30 DAT 07/16/09	30 DAT 07/16/09	30 DAT 07/16/09	30 DAT 07/16/09	BU/A 11/20/09	
1A	CALLISTO XTRA	0.69	LAA	11	94	98	91	99	172.4	
B	TOUCHDN TOTAL	0.78	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
2A	LAUDIS 3.5SC	0.082	LAA	11	97	95	85	99	170.3	
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
3A	IMPACT 2.8SC	0.016	LAA	11	96	86	81	98	168.6	
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
4A	STATUS 56DG	0.175	LAA	11	96	93	82	99	167.1	
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
5A	CAPRENO 3.45 S	0.081	LAA	11	96	93	83	99	152.5	
B	ATRAZINE DF	0.50	LAA	11						
C	TOUCHDN TOTAL	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
6A	RNDUP POWERMAX	0.77	LAA	11	95	90	78	97	159.9	
B	STATUS 56DG	0.088	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
7A	RNDUP POWERMAX	0.77	LAA	11	93	89	78	99	168.4	
B	STATUS 56DG	0.175	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
8A	TOUCHDN TOTAL	0.78	LAA	12	97	96	96	97	184.9	
B	CALLISTO 4SC	0.094	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	TOUCHDN TOTAL	0.78	LAA	12	97	94	92	94	180.4	
B	CALLISTO 4SC	0.047	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	TOUCHDN TOTAL	0.78	LAA	12	98	99	85	96	158.4	
B	LAUDIS 3.5SC	0.082	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	TOUCHDN TOTAL	0.78	LAA	12	97	96	85	95	161.4	
B	STATUS 56DG	0.088	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	TOUCHDN TOTAL	0.78	LAA	12	97	99	89	96	171.8	
B	CAPRENO 3.45 S	0.081	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	109.2	
14A	TOUCHDN TOTAL	0.78	LAA	12	98	94	88	98	157.2	
B	LIQUID AMS	2.50	PMV	12						
15A	HELOSATE PLUS	0.75	LAA	12	98	94	83	80	165.1	
B	HELOPYR 1.5SL	0.129	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
					LSL (0.05)	1.90	12.16	7.34	8.18	26.16
					STANDARD DEVIATION	0.929	5.94	3.58	4.00	12.77

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/20/2009(1)
 12 = ----- / POST 06/26/2009(2)

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	06/30/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	10 DAT	06/30/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	10 DAT	06/30/2009	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	10 DAT	06/30/2009	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	10 DAT	06/30/2009	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	30 DAT	07/16/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	30 DAT	07/16/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	30 DAT	07/16/2009	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	30 DAT	07/16/2009	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	30 DAT	07/16/2009	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	11/20/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = P 34F97 RR/LL