

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 36 FEET
 PLOT AREA: 360 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	06/19/13	AME
AIR TEMPERATURE	91	F
% REL.HUMIDITY	30	
WIND DIRECTION	NORTHEAST	
WIND SPEED	3.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	15.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	40.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
FOLIAGE HEIGHT		FT
FOLIAGE WIDTH		FT
ROW WIDTH		FT
SPRAY VOL LWA/TRV		
S VOL LWA/TRV UNIT		
LEAF WALL AREA		M2H
TREE ROW VOLUME		M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	
CROP *		
P, CORN, DENT	---/14	
DEKALB 61-69	12.0/12.0	IN
(PLANTED) 05/24/2013	26 DAP	

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

14 = 4 LEAVES UNFOLDED

TITLE: #HPPD Herbicide and Insecticide Interaction in RR/LL Corn. AS-300
CREATED: 04/17/2013 **REVISED:** 11/14/2013 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 36.00 FT LONG
PLOT AREA: 360.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 06/27/13	ZEAMD CON % 07/05/13	ZEAMD CON % 07/19/13	ZEAMD CON % 08/02/13	YIELD BU/A 10/16/13
		RATE	UNIT	TM					
1A	CHECK	0.00	NA	0	0	0	0	207.8	
B	CHECK	0.00	NA	0					
2A	CHECK	0.00	NA	0	0	0	0	211.1	
B	CALLISTO 4SC	0.094	LAA	11					
C	ATRAZINE DF	0.50	LAA	11					
D	>COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
3A	CHECK	0.00	NA	0	0	0	0	211.5	
B	CALLISTO 4SC	0.188	LAA	11					
C	ATRAZINE DF	1.00	LAA	11					
D	>COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
4A	CHECK	0.00	NA	0	0	0	0	211.2	
B	IMPACT 2.8SC	0.022	LAA	11					
C	ATRAZINE DF	0.50	LAA	11					
D	>MSO	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
5A	CHECK	0.00	NA	0	0	0	0	211.0	
B	IMPACT 2.8SC	0.044	LAA	11					
C	ATRAZINE DF	1.00	LAA	11					
D	>MSO	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
6A	COUNTER 20CR	6.00	OMF	0	0	0	0	214.7	
B	CHECK	0.00	NA	0					
7A	COUNTER 20CR	6.00	OMF	0	3	1	0	218.6	
B	CALLISTO 4SC	0.094	LAA	11					
C	ATRAZINE DF	0.50	LAA	11					
D	>COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
8A	COUNTER 20CR	6.00	OMF	0	1	1	0	222.3	
B	CALLISTO 4SC	0.188	LAA	11					
C	ATRAZINE DF	1.00	LAA	11					
D	>COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
9A	CHECK	0.00	NA	0	0	0	0	229.3	
B	COUNTER 20CR	6.00	OMF	0					
C	IMPACT 2.8SC	0.022	LAA	11					
D	ATRAZINE DF	0.50	LAA	11					
E	>MSO	1.00	PMV	11					
F	28% UAN	2.50	PMV	11					
10A	COUNTER 20CR	6.00	OMF	0	1	0	0	218.2	
B	IMPACT 2.8SC	0.044	LAA	11					
C	ATRAZINE DF	1.00	LAA	11					
D	>MSO	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
11A	COUNTER 20CR	12.00	OMF	0	0	0	0	227.7	
B	CHECK	0.00	NA	0					
12A	COUNTER 20CR	12.00	OMF	0	3	2	0	224.2	
B	CALLISTO 4SC	0.094	LAA	11					
C	ATRAZINE DF	0.50	LAA	11					
D	>COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
13A	COUNTER 20CR	12.00	OMF	0	8	5	0	226.6	
B	CALLISTO 4SC	0.188	LAA	11					
C	ATRAZINE DF	1.00	LAA	11					
D	>COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					

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TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	ZEAMD	YIELD
		RATE	UNIT	TM	CON % 06/27/13	CON % 07/05/13	CON % 07/19/13	CON % 08/02/13	BU/A 10/16/13
14A	COUNTER 20CR	12.00	OMF	0	0	0	0	223.3	
	B IMPACT 2.8SC	0.022	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D»MSO	1.00	PMV	11					
	E 28% UAN	2.50	PMV	11					
15A	COUNTER 20CR	12.00	OMF	0	5	1	0	225.6	
	B IMPACT 2.8SC	0.044	LAA	11					
	C ATRAZINE DF	1.00	LAA	11					
	D»MSO	1.00	PMV	11					
	E 28% UAN	2.50	PMV	11					
16A»	FORCE 3G	4.00	OMF	0	0	0	0	211.1	
	B CHECK	0.00	NA	0					
17A»	FORCE 3G	4.00	OMF	0	0	0	0	217.4	
	B CALLISTO 4SC	0.094	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D»COC	1.00	PMV	11					
	E 28% UAN	2.50	PMV	11					
18A»	FORCE 3G	4.00	OMF	0	0	0	0	231.4	
	B CALLISTO 4SC	0.188	LAA	11					
	C ATRAZINE DF	1.00	LAA	11					
	D»COC	1.00	PMV	11					
	E 28% UAN	2.50	PMV	11					
19A»	FORCE 3G	4.00	OMF	0	0	0	0	226.1	
	B IMPACT 2.8SC	0.022	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D»MSO	1.00	PMV	11					
	E 28% UAN	2.50	PMV	11					
20A»	FORCE 3G	4.00	OMF	0	0	0	0	218.8	
	B IMPACT 2.8SC	0.044	LAA	11					
	C ATRAZINE DF	1.00	LAA	11					
	D»MSO	1.00	PMV	11					
	E 28% UAN	2.50	PMV	11					
		LSD (0.05)			3.08	1.54	0.00	0.00	14.54
		STANDARD DEVIATION			1.54	0.768	0.00	0.00	7.27

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
11 = ----- / EPOST 06/19/2013(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	06/27/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	07/05/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	07/19/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	08/02/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	10/16/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DEKALB 61-69