

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 5 X 30 FEET
 PLOT AREA: 150 FEET

DESIGN: RCB
 REPS: 6

APPL. NUMBER	01	02	03	UNIT
TIMINGS	11	13	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	07/03/14	07/11/14	07/18/14	AME
AIR TEMPERATURE	67	80	82	F
% REL.HUMIDITY	64	57	53	
WIND DIRECTION	NORTHWEST	SOUTH	SOUTHEAST	
WIND SPEED	3.0	3.0	3.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/DRY	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	15.00	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	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	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *				
P, SOYBEAN	---/14	---/16	---/17	
AG 3231	5.00/7.00	8.00/10.0	14.0/14.0	IN
(PLANTED) 06/15/2014	18 DAP	26 DAP	33 DAP	

* TIMING CODES

11 = ----- / EPOST
 13 = ----- / LPOST
 15 = ----- / PO.DIRECTED

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES

TITLE: Soybean 2,4-D and Dicamba Contamination / Drift on RR-Soy. AS-300
CREATED: 07/02/2014 **REVISED:** 11/04/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 5.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 150.00 SFT

REPS: 06

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA 7 DAT 07/10/14	GLXMA 14 DAT 07/17/14	GLXMA 21 DAT 07/24/14	GLXMA 28 DAT 08/01/14	GLXMA 35 DAT 08/08/14	GLXMA 49 DAT 08/21/14
1A»2,4-D CHOLINE B»ACTIVATOR 90	0.001 0.25	LAA PMV	11 11	2	4	2	0	0	0
2A»2,4-D CHOLINE B»ACTIVATOR 90	0.001 0.25	LAA PMV	13 13	1	1	0	0	0	0
3A»2,4-D CHOLINE B»ACTIVATOR 90	0.001 0.25	LAA PMV	15 15	1	0	0	0	0	0
4A»ENGENIA 5L B»ACTIVATOR 90	0.0005 0.25	LAA PMV	11 11	11	20	36	15	4	1
5A»ENGENIA 5L B»ACTIVATOR 90	0.0005 0.25	LAA PMV	13 13	2	12	22	19	6	2
6A»ENGENIA 5L B»ACTIVATOR 90	0.0005 0.25	LAA PMV	15 15	2	21	29	21	17	12
7A»2,4-D CHOLINE B»ACTIVATOR 90	0.01 0.25	LAA PMV	11 11	5	7	3	1	0	0
8A»2,4-D CHOLINE B»ACTIVATOR 90	0.01 0.25	LAA PMV	13 13	1	1	0	0	0	0
9A»2,4-D CHOLINE B»ACTIVATOR 90	0.01 0.25	LAA PMV	15 15	1	0	0	0	0	0
10A»ENGENIA 5L B»ACTIVATOR 90	0.005 0.25	LAA PMV	11 11	22	37	63	48	41	24
11A»ENGENIA 5L B»ACTIVATOR 90	0.005 0.25	LAA PMV	13 13	3	17	58	62	47	35
12A»ENGENIA 5L B»ACTIVATOR 90	0.005 0.25	LAA PMV	15 15	3	34	51	67	58	50
LSD (0.05)				1.93	5.69	6.44	4.09	2.29	2.63
STANDARD DEVIATION				1.00	2.84	3.22	2.00	1.14	1.32

TITLE: Soybean 2,4-D and Dicamba Contamination / Drift on RR-Soy. AS-300
CREATED: 07/02/2014 **REVISED:** 11/04/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 5.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 150.00 SFT

REPS: 06

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA 56 DAT 08/28/14	GLXMA 63 DAT 09/04/14	YIELD BU/A 10/21/14
1A»2,4-D CHOLINE	0.001	LAA	11	0	0	52.9
B»ACTIVATOR 90	0.25	PMV	11			
2A»2,4-D CHOLINE	0.001	LAA	13	0	0	53.6
B»ACTIVATOR 90	0.25	PMV	13			
3A»2,4-D CHOLINE	0.001	LAA	15	0	0	51.9
B»ACTIVATOR 90	0.25	PMV	15			
4A»ENGENIA 5L	0.0005	LAA	11	0	0	52.5
B»ACTIVATOR 90	0.25	PMV	11			
5A»ENGENIA 5L	0.0005	LAA	13	1	0	49.5
B»ACTIVATOR 90	0.25	PMV	13			
6A»ENGENIA 5L	0.0005	LAA	15	7	6	47.9
B»ACTIVATOR 90	0.25	PMV	15			
7A»2,4-D CHOLINE	0.01	LAA	11	0	0	54.4
B»ACTIVATOR 90	0.25	PMV	11			
8A»2,4-D CHOLINE	0.01	LAA	13	0	0	53.5
B»ACTIVATOR 90	0.25	PMV	13			
9A»2,4-D CHOLINE	0.01	LAA	15	0	0	53.3
B»ACTIVATOR 90	0.25	PMV	15			
10A»ENGENIA 5L	0.005	LAA	11	18	10	46.7
B»ACTIVATOR 90	0.25	PMV	11			
11A»ENGENIA 5L	0.005	LAA	13	27	22	50.0
B»ACTIVATOR 90	0.25	PMV	13			
12A»ENGENIA 5L	0.005	LAA	15	46	37	44.1
B»ACTIVATOR 90	0.25	PMV	15			
LSD (0.05)				2.31	2.16	6.23
STANDARD DEVIATION				1.16	1.08	3.12

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

11 = ----- / EPOST 07/03/2014(1)
 13 = ----- / LPOST 07/11/2014(2)
 15 = ----- / PO.DIRECTED 07/18/2014(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	7 DAT	07/10/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	14 DAT	07/17/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	21 DAT	07/24/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	28 DAT	08/01/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	35 DAT	08/08/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	49 DAT	08/21/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	56 DAT	08/28/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	63 DAT	09/04/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/21/2014	01	P	GLXMA		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = AG 3231