

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	07/08/08	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	77	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/14	
ASGROW 3302 RR/S	5.00/5.00	IN
06/13/2008		

*** TIMING CODES**

12 = ----- / POST

*** STAGE CODE**

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

TITLE: Simulated HPPD Postemergence Drift on Soybean AS-300
CREATED: 07/07/2008 **REVISED:** 11/11/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/14/08	07/21/08	07/28/08	08/05/08
								08/12/08
								08/19/08
1A»	CALLISTO 4SC	0.00174	LAA	12	5	0	0	0
B	ATRAZINE DF	0.0046	LAA	12				
C»	COC	0.0185	PMV	12				
D	28% UAN	0.046	PMV	12				
2A»	CALLISTO 4SC	0.0052	LAA	12	8	4	1	2
B	ATRAZINE DF	0.0139	LAA	12				
C»	COC	0.056	PMV	12				
D	28% UAN	0.139	PMV	12				
3A»	CALLISTO 4SC	0.0156	LAA	12	36	40	27	20
B	ATRAZINE DF	0.042	LAA	12				
C»	COC	0.167	PMV	12				
D	28% UAN	0.42	PMV	12				
4A»	CALLISTO 4SC	0.047	LAA	12	75	78	66	58
B	ATRAZINE DF	0.125	LAA	12				
C»	COC	0.50	PMV	12				
D	28% UAN	1.25	PMV	12				
5A»	CALLISTO 4SC	0.0156	LAA	12	29	53	35	27
B»	COC	0.167	PMV	12				
C	28% UAN	0.42	PMV	12				
6A»	IMPACT 2.8SC	0.000304	LAA	12	3	1	0	0
B	ATRAZINE DF	0.0046	LAA	12				
C»	COC	0.0185	PMV	12				
D	28% UAN	0.046	PMV	12				
7A»	IMPACT 2.8SC	0.00091	LAA	12	8	4	3	0
B	ATRAZINE DF	0.0139	LAA	12				
C»	COC	0.056	PMV	12				
D	28% UAN	0.139	PMV	12				
8A»	IMPACT 2.8SC	0.0027	LAA	12	19	14	8	3
B	ATRAZINE DF	0.042	LAA	12				
C»	COC	0.167	PMV	12				
D	28% UAN	0.42	PMV	12				
9A»	IMPACT 2.8SC	0.0082	LAA	12	62	58	42	33
B	ATRAZINE DF	0.125	LAA	12				
C»	COC	0.50	PMV	12				
D	28% UAN	1.25	PMV	12				
10A»	IMPACT 2.8SC	0.0027	LAA	12	18	17	11	7
B»	COC	0.167	PMV	12				
C	28% UAN	0.42	PMV	12				
11A»	LAUDIS 3.5SC	0.00152	LAA	12	4	2	0	0
B	ATRAZINE DF	0.0046	LAA	12				
C»	COC	0.0185	PMV	12				
D	28% UAN	0.046	PMV	12				
12A»	LAUDIS 3.5SC	0.00456	LAA	12	23	35	26	22
B	ATRAZINE DF	0.0139	LAA	12				
C»	COC	0.056	PMV	12				
D	28% UAN	0.139	PMV	12				
13A»	LAUDIS 3.5SC	0.0137	LAA	12	52	74	68	65
B	ATRAZINE DF	0.042	LAA	12				
C»	COC	0.167	PMV	12				
D	28% UAN	0.42	PMV	12				
14A»	LAUDIS 3.5SC	0.041	LAA	12	87	92	93	89
B	ATRAZINE DF	0.125	LAA	12				
C»	COC	0.50	PMV	12				
D	28% UAN	1.25	PMV	12				

TITLE: Simulated HPPD Postemergence Drift on Soybean AS-300

TRT	TREATMENT	DOSAGE		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					07/14/08	07/21/08	07/28/08	08/05/08	08/12/08	08/19/08
15A»	LAUDIS 3.5SC	0.0137	LAA	12	38	66	75	68	67	61
	B»COC	0.167	PMV	12						
	C 28% UAN	0.42	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
			LSD (0.05)		5.23	8.37	6.26	5.33	4.00	4.86
			STANDARD DEVIATION		2.56	4.10	3.06	2.61	2.00	2.38

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	GLXMA	GLXMA	YIELD	
NUM	COMPONENT	RATE	UNIT	CON %	CON %	BU/A
			TM	08/26/08	09/02/08	10/20/08
1A»	CALLISTO 4SC	0.00174	LAA 12	0	0	54.5
B	ATRAZINE DF	0.0046	LAA 12			
C»	COC	0.0185	PMV 12			
D	28% UAN	0.046	PMV 12			
2A»	CALLISTO 4SC	0.0052	LAA 12	0	0	55.2
B	ATRAZINE DF	0.0139	LAA 12			
C»	COC	0.056	PMV 12			
D	28% UAN	0.139	PMV 12			
3A»	CALLISTO 4SC	0.0156	LAA 12	6	4	50.9
B	ATRAZINE DF	0.042	LAA 12			
C»	COC	0.167	PMV 12			
D	28% UAN	0.42	PMV 12			
4A»	CALLISTO 4SC	0.047	LAA 12	40	35	37.7
B	ATRAZINE DF	0.125	LAA 12			
C»	COC	0.50	PMV 12			
D	28% UAN	1.25	PMV 12			
5A»	CALLISTO 4SC	0.0156	LAA 12	12	9	51.5
B»	COC	0.167	PMV 12			
C	28% UAN	0.42	PMV 12			
6A»	IMPACT 2.8SC	0.000304	LAA 12	0	0	57.1
B	ATRAZINE DF	0.0046	LAA 12			
C»	COC	0.0185	PMV 12			
D	28% UAN	0.046	PMV 12			
7A»	IMPACT 2.8SC	0.00091	LAA 12	0	0	55.1
B	ATRAZINE DF	0.0139	LAA 12			
C»	COC	0.056	PMV 12			
D	28% UAN	0.139	PMV 12			
8A»	IMPACT 2.8SC	0.0027	LAA 12	0	0	53.7
B	ATRAZINE DF	0.042	LAA 12			
C»	COC	0.167	PMV 12			
D	28% UAN	0.42	PMV 12			
9A»	IMPACT 2.8SC	0.0082	LAA 12	15	13	46.0
B	ATRAZINE DF	0.125	LAA 12			
C»	COC	0.50	PMV 12			
D	28% UAN	1.25	PMV 12			
10A»	IMPACT 2.8SC	0.0027	LAA 12	0	0	53.1
B»	COC	0.167	PMV 12			
C	28% UAN	0.42	PMV 12			
11A»	LAUDIS 3.5SC	0.00152	LAA 12	0	0	55.1
B	ATRAZINE DF	0.0046	LAA 12			
C»	COC	0.0185	PMV 12			
D	28% UAN	0.046	PMV 12			
12A»	LAUDIS 3.5SC	0.00456	LAA 12	9	8	47.1
B	ATRAZINE DF	0.0139	LAA 12			
C»	COC	0.056	PMV 12			
D	28% UAN	0.139	PMV 12			
13A»	LAUDIS 3.5SC	0.0137	LAA 12	51	47	30.7
B	ATRAZINE DF	0.042	LAA 12			
C»	COC	0.167	PMV 12			
D	28% UAN	0.42	PMV 12			
14A»	LAUDIS 3.5SC	0.041	LAA 12	76	72	14.5
B	ATRAZINE DF	0.125	LAA 12			
C»	COC	0.50	PMV 12			
D	28% UAN	1.25	PMV 12			

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TRT	TREATMENT	DOSAGE			GLXMA	GLXMA	YIELD
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	BU/A
					08/26/08	09/02/08	10/20/08
15A»	LAUDIS 3.5SC	0.0137	LAA	12	53	49	27.0
	B»COC	0.167	PMV	12			
	C 28% UAN	0.42	PMV	12			
16A	CHECK	0.00	NA	0	0	0	56.6
		LSD (0.05)			4.00	4.40	5.14
		STANDARD DEVIATION			2.00	2.16	2.52

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 07/08/2008(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	07/14/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/21/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	08/05/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/12/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	08/19/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	08/26/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	09/02/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	YIELD	BU/A	10/20/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3302 RR/STS