

## 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: 4

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/10/07	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	6.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
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	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	

## \* TIMING CODES

09 = ----- / PREEMERGENCE

TITLE: Interaction of soil residual herbicides and preplant PGR's on Soybean Development.  
AS-300

CREATED: 04/09/2007 REVISED: 10/24/2007

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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD BU/A
		RATE	UNIT		CON % 05/25/07	CON % 06/01/07	CON % 06/08/07	
1A	(G)2,4-D-ESTER	0.50	LAA	9	10	11	9	68.7
2A	CLARITY	0.25	LAA	9	56	41	34	50.2
3A	PROWL H2O 3.8	1.19	LAA	9	9	6	8	69.8
4A	VALOR 51WG	0.064	LAA	9	13	10	8	67.8
5A	CANOPY 75WG	0.28	LAA	0	14	10	8	69.5
	B CLASSIC 25WG	0.04	LAA	9				
	C SENCOR 75WG	0.24	LAA	9				
6A	(G)2,4-D-ESTER	0.50	LAA	9	14	10	9	67.6
	B PROWL H2O 3.8	1.19	LAA	9				
7A	(G)2,4-D-ESTER	0.50	LAA	9	23	10	20	71.7
	B VALOR 51WG	0.064	LAA	9				
8A	(G)2,4-D-ESTER	0.50	LAA	9	5	4	3	67.9
	B CANOPY 75WG	0.28	LAA	0				
	C CLASSIC 25WG	0.04	LAA	9				
	D SENCOR 75WG	0.24	LAA	9				
9A	CHECK	0.00	NA	0	0	0	0	60.0
10A	CLARITY	0.25	LAA	9	65	43	38	57.5
	B PROWL H2O 3.8	1.19	LAA	9				
11A	CLARITY	0.25	LAA	9	59	46	41	53.8
	B VALOR 51WG	0.064	LAA	9				
12A	CLARITY	0.25	LAA	9	54	34	29	58.3
	B CANOPY 75WG	0.28	LAA	0				
	C CLASSIC 25WG	0.04	LAA	9				
	D SENCOR 75WG	0.24	LAA	9				
LSD (0.05)					18.42	12.78	13.43	7.52
STANDARD DEVIATION					9.11	6.32	6.64	3.72

\* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/10/2007(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	05/25/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/01/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/08/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	YIELD	BU/A	10/10/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG 3101