

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

DESIGN: RCB  
 REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	06/05/06	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	42	
WIND DIRECTION	WEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	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:** Influence of Preplant Growth Regulator Herbicide on Soybean Development. AS-300  
**CREATED:** 05/12/2006 **REVISED:** 11/02/2006 **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 **REPS:** 04

TRT	TREATMENT	DOSAGE		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	BU/A
			TM	06/20/06	06/27/06	07/03/06	07/28/06	08/09/06	10/23/06
1A	(G)2,4-D-ESTER	0.25	LAA 9	6	4	5	0	0	61.2
2A	(G)2,4-D-ESTER	0.50	LAA 9	3	1	1	0	0	63.5
3A	(G)2,4-D-ESTER	1.00	LAA 9	10	9	13	0	0	59.9
4A	(G)2,4-D-ESTER	2.00	LAA 9	21	28	33	0	0	51.9
5A	CHECK	0.00	NA 0	0	0	0	0	0	68.1
6A	CLARITY	0.125	LAA 9	14	21	20	0	0	59.9
7A	CLARITY	0.25	LAA 9	18	30	34	0	0	53.3
8A	CLARITY	0.50	LAA 9	48	58	69	34	13	37.0
9A	CLARITY	1.00	LAA 9	63	76	83	79	50	23.2
10A	(G)2,4-D-ESTER	0.25	LAA 9	0	0	1	0	0	64.4
11A	(G)2,4-D-ESTER	0.50	LAA 9	1	0	1	0	0	63.6
12A	(G)2,4-D-ESTER	1.00	LAA 9	8	11	10	0	0	61.6
13A	CHECK	0.00	NA 0	4	0	4	0	0	66.1
14A	(G)2,4-D-ESTER	2.00	LAA 9	21	24	38	0	0	54.8
15A	CLARITY	0.125	LAA 9	11	21	29	0	0	58.5
16A	CLARITY	0.25	LAA 9	21	31	43	0	0	54.9
17A	CLARITY	0.50	LAA 9	28	51	56	0	0	47.7
18A	CLARITY	1.00	LAA 9	51	68	74	71	38	34.3
LSD (0.05)				12.89	12.52	16.39	10.81	9.48	9.00
STANDARD DEVIATION				6.45	6.26	8.19	5.40	4.74	4.51

## \* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 06/05/2006(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 %	06/20/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/27/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/03/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/28/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/09/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	YIELD	BU/A	10/23/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = HERB TOLERANT VARIETY