

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	7.0	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	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/00	
AG 3101	/	IN
05/11/2007		

*** TIMING CODES**

09 = ----- / PREEMERGENCE

*** STAGE CODE**

00 = DRY SEED

TITLE: Influence of Preplant Growth Regulator Herbicide 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 RATE	UNIT	TM	GLXMA CON % 05/25/07	GLXMA CON % 06/01/07	GLXMA CON % 06/08/07	YIELD BU/A 10/10/07
1A	(G)2,4-D-ESTER	0.25	LAA	9	21	5	5	69.9
	B»ASGROW 3203	0.00	NA	0				
	C»A 3203	0.00	NA	0				
2A	(G)2,4-D-ESTER	0.50	LAA	9	5	8	10	69.5
	B»ASGROW 3101	0.00	NA	0				
	C»A 3203	0.00	NA	0				
3A	(G)2,4-D-ESTER	1.00	LAA	9	10	11	10	66.8
	B»ASGROW 3203	0.00	NA	0				
	C»A 3203	0.00	NA	0				
4A	(G)2,4-D-ESTER	2.00	LAA	9	33	20	16	65.5
	B»ASGROW 3101	0.00	NA	0				
	C»A 3203	0.00	NA	0				
5A	CHECK	0.00	NA	0	0	0	0	67.1
	B»ASGROW 3203	0.00	NA	0				
	C»A 3203	0.00	NA	0				
6A	CLARITY	0.125	LAA	9	38	28	24	59.0
	B»ASGROW 3101	0.00	NA	0				
	C»A 3203	0.00	NA	0				
7A	CLARITY	0.25	LAA	9	63	40	45	56.5
	B»ASGROW 3203	0.00	NA	0				
	C»A 3203	0.00	NA	0				
8A	CLARITY	0.50	LAA	9	61	60	61	53.5
	B»ASGROW 3101	0.00	NA	0				
	C»A 3203	0.00	NA	0				
9A	CLARITY	1.00	LAA	9	90	81	80	36.8
	B»ASGROW 3203	0.00	NA	0				
	C»A 3203	0.00	NA	0				
10A	(G)2,4-D-ESTER	0.25	LAA	9	10	5	6	63.8
	B»ASGROW 3101	0.00	NA	0				
	C»A 3101	0.00	NA	0				
11A	(G)2,4-D-ESTER	0.50	LAA	9	9	11	10	69.0
	B»ASGROW 3203	0.00	NA	0				
	C»A 3101	0.00	NA	0				
12A	(G)2,4-D-ESTER	1.00	LAA	9	19	15	14	63.4
	B»ASGROW 3101	0.00	NA	0				
	C»A 3101	0.00	NA	0				
13A	CHECK	0.00	NA	0	0	0	0	64.6
	B»ASGROW 3203	0.00	NA	0				
	C»A 3101	0.00	NA	0				
14A	(G)2,4-D-ESTER	2.00	LAA	9	33	20	18	69.4
	B»ASGROW 3101	0.00	NA	0				
	C»A 3101	0.00	NA	0				
15A	CLARITY	0.125	LAA	9	53	38	31	60.1
	B»ASGROW 3203	0.00	NA	0				
	C»A 3101	0.00	NA	0				
16A	CLARITY	0.25	LAA	9	46	49	44	54.6
	B»ASGROW 3101	0.00	NA	0				
	C»A 3101	0.00	NA	0				
17A	CLARITY	0.50	LAA	9	79	64	58	52.9
	B»ASGROW 3203	0.00	NA	0				
	C»A 3101	0.00	NA	0				

TITLE: Influence of Preplant Growth Regulator Herbicide on Soybean Development. AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT		CON %	CON %	CON %	BU/A
					05/25/07	06/01/07	06/08/07	10/10/07
18A	CLARITY	1.00	LAA	9	95	85	86	28.5
	B»ASGROW 3101	0.00	NA	0				
	C»A 3101	0.00	NA	0				
LSD (0.05)					12.29	11.15	9.77	6.46
STANDARD DEVIATION					6.15	5.58	4.88	3.23

» = SUPPLEMENTAL CHEMICAL

* 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	CTRT	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 = ASGROW 3203