

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	14	15	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/28/04	07/06/04	AME
AIR TEMPERATURE	78	80	F
% REL.HUMIDITY	52	60	
WIND DIRECTION	WEST	SOUTHWEST	
WIND SPEED	7.0	6.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	NO	YES	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	10.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	40.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/17	---/61	
ASGROW 3302 RR/S	12.0/12.0	16.0/18.0	IN
05/18/2004			

* TIMING CODES

14 = ----- / VLPOST
 15 = ----- / PO.DIRECTED

* STAGE CODE

17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 61 = 10% OF FLOWERS OPEN (DETERMINATE); BEGINNING OF FLOWERING (INDETERM.)

TITLE: Glyphosate Formulation Tolerances on Soybean AS-300
CREATED: 05/14/2004 **REVISED:** 10/20/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 04

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA 10 DAT 07/06/04	GLXMA 30 DAT 07/30/04	YIELD BU/A 10/05/04
1A CHECK	0.00	NA	0	0	0	63.3
2A»TOUCHDN TOTAL	23.00	ZMA	14	0	0	62.6
B»LIQUID AMS	2.50	PMV	14			
3A»WEATHERMAX 4.5	21.30	ZMA	14	0	0	64.2
B»LIQUID AMS	2.50	PMV	14			
4A»CLEAROUT 41 PL	32.00	ZMA	14	0	0	65.9
B»LIQUID AMS	2.50	PMV	14			
5A»ROUNDUP ORIGIN	32.00	ZMA	14	0	0	63.3
B»ACTIVATOR 90	0.50	PMV	14			
C»LIQUID AMS	2.50	PMV	14			
6A»TOUCHDN TOTAL	34.70	ZMA	14	0	0	62.9
B»LIQUID AMS	2.50	PMV	14			
7A»WEATHERMAX 4.5	32.00	ZMA	14	0	0	67.3
B»LIQUID AMS	2.50	PMV	14			
8A»CLEAROUT 41 PL	48.00	ZMA	14	0	0	63.9
B»LIQUID AMS	2.50	PMV	14			
9A»ROUNDUP ORIGIN	48.00	ZMA	14	1	0	64.7
B»ACTIVATOR 90	0.50	PMV	14			
C»LIQUID AMS	2.50	PMV	14			
10A»TOUCHDN TOTAL	46.00	ZMA	14	0	0	63.0
B»LIQUID AMS	2.50	PMV	14			
11A»WEATHERMAX 4.5	42.70	ZMA	14	3	0	63.8
B»LIQUID AMS	2.50	PMV	14			
12A»CLEAROUT 41 PL	64.00	ZMA	14	0	0	62.3
B»LIQUID AMS	2.50	PMV	14			
13A»ROUNDUP ORIGIN	64.00	ZMA	14	3	0	60.5
B»ACTIVATOR 90	0.50	PMV	14			
C»LIQUID AMS	2.50	PMV	14			
14A»TOUCHDN TOTAL	69.00	ZMA	14	1	0	64.0
B»LIQUID AMS	2.50	PMV	14			
15A»WEATHERMAX 4.5	64.00	ZMA	14	7	0	62.0
B»LIQUID AMS	2.50	PMV	14			
16A»CLEAROUT 41 PL	96.00	ZMA	14	3	0	62.3
B»LIQUID AMS	2.50	PMV	14			
17A»ROUNDUP ORIGIN	96.00	ZMA	14	10	0	61.8
B»ACTIVATOR 90	0.50	PMV	14			
C»LIQUID AMS	2.50	PMV	14			
18A»TOUCHDN TOTAL	92.00	ZMA	14	3	0	63.0
B»LIQUID AMS	2.50	PMV	14			
19A»WEATHERMAX 4.5	85.00	ZMA	14	13	0	60.1
B»LIQUID AMS	2.50	PMV	14			
20A»CLEAROUT 41 PL	128.00	ZMA	14	8	0	62.0
B»LIQUID AMS	2.50	PMV	14			
21A»ROUNDUP ORIGIN	128.00	ZMA	14	14	0	62.6
B»ACTIVATOR 90	0.50	PMV	14			
C»LIQUID AMS	2.50	PMV	14			
22A CHECK	0.00	NA	0	0	0	60.3

TITLE: Glyphosate Formulation Tolerances on Soybean AS-300

TRT	TREATMENT		DOSAGE		GLXMA	GLXMA	YIELD
NUM	COMPONENT		RATE	UNIT TM	10 DAT	30 DAT	BU/A
					07/06/04	07/30/04	10/05/04
23A»	WEATHERMAX 4.5		42.70	ZMA 15	3	0	62.4
	B»LIQUID AMS		2.50	PMV 15			
24A»	WEATHERMAX 4.5		85.00	ZMA 15	9	0	60.7
	B»LIQUID AMS		2.50	PMV 15			
			LSD (0.05)		1.61	0.00	2.33
			STANDARD DEVIATION		0.811	0.00	1.17

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

14 = ----- / VLPOST 06/28/2004 (1)

15 = ----- / PO.DIRECTED 07/06/2004 (2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	10 DAT	07/06/2004	01	P	GLXMA	61	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	30 DAT	07/30/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	YIELD	BU/A	10/05/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3302 RR/STS

* STAGE CODE

61 = 10% OF FLOWERS OPEN (DETERMINATE); BEGINNING OF FLOWERING (INDETERM.)