

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.1  
 %OM: 5.5  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	10	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	06/11/01	06/18/01	06/20/01	06/25/01	07/02/01	AME
AIR TEMPERATURE	77	83	80	83	70	F
% REL.HUMIDITY	83	65	55	40	38	
WIND DIRECTION	WEST	SOUTH	NORTHWEST	SOUTH	SOUTHEAST	
WIND SPEED	2.0	5.0	4.0	2.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLOUDY	CLEAR	CLEAR	
DEW	DRY	DRY	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/DRY	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN	---/12	---/13	---/14	---/15	---/17	
ASGROW 3302 RR/S	5.00/5.00	6.00/6.00	8.00/8.00	10.0/10.0	12.0/14.0	IN
05/14/2001						
*** PEST ***						
WATERHEMP, COMMO	---/14	---/19	---/19	---/19	---/19	
	1.50/1.50	6.00/6.00	8.00/8.00	10.0/10.0	13.0/13.0	IN

\* TIMING CODES

- 10 = ----- / VEPOST
- 11 = ----- / EPOST
- 12 = ----- / POST
- 13 = ----- / LPOST
- 14 = ----- / VLPOST

\* STAGE CODE

- 12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
- 13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
- 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
- 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: USLARWH GLYPHOSATE TIMING ON AMATA IN RR SOYBEAN AS-4200  
 CREATED: 05/04/2001 REVISED: 11/15/2001 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: 03

TRT	TREATMENT	DOSAGE	GLXMA	AMATA	GLXMA	AMATA	YIELD	
NUM	COMPONENT	RATE	21 DAT	21 DAT	35 DAT	35 DAT	BU/A	
		UNIT	07/10/01	07/10/01	07/17/01	07/17/01	10/09/01	
1A»	RNDUP ULTRA MA	0.375	LAA 10	0	94	0	77	57.0
B»	LIQUID AMS	2.50	PMV 10					
2A»	RNDUP ULTRA MA	0.56	LAA 10	0	95	0	77	63.5
B»	LIQUID AMS	2.50	PMV 10					
3A»	RNDUP ULTRA MA	0.75	LAA 10	0	97	0	78	64.4
B»	LIQUID AMS	2.50	PMV 10					
4A»	RNDUP ULTRA MA	0.375	LAA 11	0	96	0	86	62.3
B»	LIQUID AMS	2.50	PMV 11					
5A»	RNDUP ULTRA MA	0.56	LAA 11	0	98	0	89	58.5
B»	LIQUID AMS	2.50	PMV 11					
6A»	RNDUP ULTRA MA	0.75	LAA 11	0	98	0	89	63.5
B»	LIQUID AMS	2.50	PMV 11					
7A»	RNDUP ULTRA MA	0.375	LAA 12	0	61	0	58	53.9
B»	LIQUID AMS	2.50	PMV 12					
8A»	RNDUP ULTRA MA	0.56	LAA 12	0	82	0	78	58.4
B»	LIQUID AMS	2.50	PMV 12					
9A»	RNDUP ULTRA MA	0.75	LAA 12	0	87	0	86	56.2
B»	LIQUID AMS	2.50	PMV 12					
10A»	RNDUP ULTRA MA	0.375	LAA 13	0	66	0		61.1
B»	LIQUID AMS	2.50	PMV 13					
11A»	RNDUP ULTRA MA	0.56	LAA 13	0	82	0		62.6
B»	LIQUID AMS	2.50	PMV 13					
12A»	RNDUP ULTRA MA	0.75	LAA 13	0	86	0		62.3
B»	LIQUID AMS	2.50	PMV 13					
13A	CHECK	0.00	NA 0	0	0	0		22.9
14A»	RNDUP ULTRA MA	0.375	LAA 14	0	62	0		59.0
B»	LIQUID AMS	2.50	PMV 14					
15A»	RNDUP ULTRA MA	0.56	LAA 14	0	77	0		60.8
B»	LIQUID AMS	2.50	PMV 14					
16A»	RNDUP ULTRA MA	0.75	LAA 14	0	73	0		60.7
B»	LIQUID AMS	2.50	PMV 14					
		LSD (0.05)		0.00	13.58	0.00	5.31	7.72
		STANDARD DEVIATION		0.00	6.65	0.00	2.59	3.77

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 10 = ----- / VEPOST 06/11/2001(1)
- 11 = ----- / EPOST 06/18/2001(2)
- 12 = ----- / POST 06/20/2001(3)
- 13 = ----- / LPOST 06/25/2001(4)
- 14 = ----- / VLPOST 07/02/2001(5)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	21 DAT	07/10/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMATA	21 DAT	07/10/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	35 DAT	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## DATA MEAN

TITLE: USLARWH GLYPHOSATE TIMING ON AMATA IN RR SOYBEAN AS-4200

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
04	AMATA	35 DAT	07/17/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	YIELD	BU/A	10/09/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3302 RR/STS