

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 20 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/18/01	AME
AIR TEMPERATURE	87	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTH	
WIND SPEED	10.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
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	---	
	DN/SG/MMZ	
*** PEST ***		
SOYBEAN	NA/15	
ASGROW 3302 RR/S	6.00/6.00	IN
05/15/2001		

* TIMING CODES
 12 = ----- / POST

* STAGE CODE
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

DATA MEAN

TITLE: USADJINJ Adjuvants and Crop Tolerance on Soybean AS-300
CREATED: 04/29/2001 **REVISED:** 10/11/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 20.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT		CON % 06/22/01	CON % 06/28/01	CON % 07/12/01	BU/A 10/08/01
1A»	RAPTOR 1AS	0.039	LAA 12		35	15	0	69.3
B»	ACTIVATOR 90	0.25	PMV 12					
C»	LIQUID AMS	3.67	PMV 12					
2A»	RAPTOR 1AS	0.039	LAA 12		23	20	0	65.7
B»	NEWTONE	1.00	PMV 12					
3A»	RAPTOR 1AS	0.039	LAA 12		27	22	2	71.1
B»	COC	1.00	PMV 12					
C»	LIQUID AMS	3.67	PMV 12					
4A»	RAPTOR 1AS	0.039	LAA 12		37	22	0	66.9
B»	MSO	1.00	PMV 12					
C»	LIQUID AMS	3.67	PMV 12					
5A»	RAPTOR 1AS	0.039	LAA 12		32	15	0	65.9
B»	HI PER-OIL	0.50	PMV 12					
C»	LIQUID AMS	3.67	PMV 12					
6A»	LAND OIL	1.25	PMV 12		23	17	0	62.5
B»	RAPTOR 1AS	0.039	LAA 12					
C»	LIQUID AMS	3.67	PMV 12					
7A»	FFP OIL	1.25	PMV 12		28	17	1	66.1
B»	RAPTOR 1AS	0.039	LAA 12					
C»	LIQUID AMS	3.67	PMV 12					
8A»	RAPTOR 1AS	0.039	LAA 12		33	20	0	65.0
B»	ULTRA BLAZER	0.188	LAA 12					
C»	ACTIVATOR 90	0.25	PMV 12					
D»	LIQUID AMS	3.67	PMV 12					
9A»	RAPTOR 1AS	0.039	LAA 12		32	29	2	63.4
B»	ULTRA BLAZER	0.188	LAA 12					
C»	NEWTONE	1.00	PMV 12					
10A»	RAPTOR 1AS	0.039	LAA 12		42	38	1	59.1
B»	ULTRA BLAZER	0.188	LAA 12					
C»	COC	1.00	PMV 12					
D»	LIQUID AMS	3.67	PMV 12					
11A»	RAPTOR 1AS	0.039	LAA 12		37	37	2	64.7
B»	ULTRA BLAZER	0.188	LAA 12					
C»	MSO	1.00	PMV 12					
D»	LIQUID AMS	3.67	PMV 12					
12A»	RAPTOR 1AS	0.039	LAA 12		37	30	0	61.6
B»	ULTRA BLAZER	0.188	LAA 12					
C»	HI PER-OIL	0.50	PMV 12					
D»	LIQUID AMS	3.67	PMV 12					
13A»	LAND OIL	1.25	PMV 12		30	30	1	63.4
B»	RAPTOR 1AS	0.039	LAA 12					
C»	ULTRA BLAZER	0.188	LAA 12					
D»	LIQUID AMS	3.67	PMV 12					
14A»	FFP OIL	1.25	PMV 12		30	33	3	63.0
B»	RAPTOR 1AS	0.039	LAA 12					
C»	ULTRA BLAZER	0.188	LAA 12					
D»	LIQUID AMS	3.67	PMV 12					
15A»	RAPTOR 1AS	0.039	LAA 12		27	28	2	60.2
B»	ULTRA BLAZER	0.188	LAA 12					
C»	FIRSTRATE 84WG	0.016	LAA 12					
D»	ACTIVATOR 90	0.25	PMV 12					
E»	LIQUID AMS	3.67	PMV 12					

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT		CON % 06/22/01	CON % 06/28/01	CON % 07/12/01	BU/A 10/08/01
16A	RAPTOR 1AS	0.039	LAA 12		26	28	0	64.9
	B»ULTRA BLAZER	0.188	LAA 12					
	C»FIRSTRATE 84WG	0.016	LAA 12					
	D»NEWTONE	1.00	PMV 12					
17A	RAPTOR 1AS	0.039	LAA 12		35	33	1	58.2
	B»ULTRA BLAZER	0.188	LAA 12					
	C»FIRSTRATE 84WG	0.016	LAA 12					
	D»COC	1.00	PMV 12					
	E»LIQUID AMS	3.67	PMV 12					
18A	RAPTOR 1AS	0.039	LAA 12		38	37	0	62.9
	B»ULTRA BLAZER	0.188	LAA 12					
	C»FIRSTRATE 84WG	0.016	LAA 12					
	D»MSO	1.00	PMV 12					
	E»LIQUID AMS	3.67	PMV 12					
19A	RAPTOR 1AS	0.039	LAA 12		37	37	0	66.0
	B»ULTRA BLAZER	0.188	LAA 12					
	C»FIRSTRATE 84WG	0.016	LAA 12					
	D»HI PER-OIL	0.50	PMV 12					
	E»LIQUID AMS	3.67	PMV 12					
20A	RAPTOR 1AS	0.039	LAA 12		7	11	1	58.4
	B BASAGRAN 4SL	0.125	LAA 12					
	C»COC	1.00	PMV 12					
	D»LIQUID AMS	3.67	PMV 12					
21A	RAPTOR 1AS	0.039	LAA 12		10	12	0	61.8
	B BASAGRAN 4SL	0.25	LAA 12					
	C»COC	1.00	PMV 12					
	D»LIQUID AMS	3.67	PMV 12					
22A	RAPTOR 1AS	0.039	LAA 12		30	27	0	63.7
	B»FIRSTRATE 84WG	0.016	LAA 12					
	C»ACTIVATOR 90	0.25	PMV 12					
	D»LIQUID AMS	3.67	PMV 12					
23A	RAPTOR 1AS	0.039	LAA 12		34	30	2	67.6
	B»FIRSTRATE 84WG	0.016	LAA 12					
	C»NEWTONE	1.00	PMV 12					
24A	RAPTOR 1AS	0.039	LAA 12		18	22	0	64.2
	B»FIRSTRATE 84WG	0.016	LAA 12					
	C»COC	1.00	PMV 12					
	D»LIQUID AMS	3.67	PMV 12					
25A	RAPTOR 1AS	0.039	LAA 12		38	32	0	68.2
	B»FIRSTRATE 84WG	0.016	LAA 12					
	C»MSO	1.00	PMV 12					
	D»LIQUID AMS	3.67	PMV 12					
26A	RAPTOR 1AS	0.039	LAA 12		30	25	1	68.9
	B»FIRSTRATE 84WG	0.016	LAA 12					
	C»HI PER-OIL	0.50	PMV 12					
	D»LIQUID AMS	3.67	PMV 12					
27A	LAND OIL	1.25	PMV 12		34	27	2	65.8
	B»RAPTOR 1AS	0.039	LAA 12					
	C»FIRSTRATE 84WG	0.016	LAA 12					
	D»LIQUID AMS	3.67	PMV 12					
28A	FFP OIL	1.25	PMV 12		33	27	0	61.6
	B»RAPTOR 1AS	0.039	LAA 12					
	C»FIRSTRATE 84WG	0.016	LAA 12					
	D»LIQUID AMS	3.67	PMV 12					
29A	EXTREME 2.17L	0.814	LAA 12		20	22	0	63.7
	B»ACTIVATOR 90	0.25	PMV 12					
30A	EXTREME 2.17L	0.814	LAA 12		24	20	3	69.4
	B BASAGRAN 4SL	0.125	LAA 12					
	C»ACTIVATOR 90	0.25	PMV 12					

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TITLE: USADJINJ Adjuvants and Crop Tolerance on Soybean AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	YIELD BU/A
		RATE	UNIT		CON % 06/22/01	CON % 06/28/01	CON % 07/12/01	
31A»	EXTREME 2.17L	0.814	LAA	12	17	20	2	62.5
	B BASAGRAN 4SL	0.25	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
32A»	EXTREME 2.17L	0.814	LAA	12	10	7	0	66.8
	B»LIQUID AMS	5.00	PMV	12				
33A»	RNDUP ULTRA MA	0.75	LAA	12	0	0	0	70.1
	B»LIQUID AMS	5.00	PMV	12				
34A»	HAND WEEDED	0.00	NA	0	0	0	0	69.5
	B»RNDUP ULTRA MA	0.56	LAA	12				
		LSD (0.05)			11.74	9.67	2.72	8.00
		STANDARD DEVIATION			5.93	4.88	1.37	4.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/18/2001(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	06/22/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	GLXMA	CON %	06/28/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	07/12/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	YIELD	BU/A	10/08/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3302 RR/STS