

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.0  
 %OM: 6.0  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/26/01	AME
AIR TEMPERATURE	91	F
% REL.HUMIDITY	62	
WIND DIRECTION	SOUTH	
WIND SPEED	2.5	M/H
CLOUD COVER	PARTCLDY	
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/16	
ASGROW 2703 RR	9.00/9.00	IN
05/10/2001		

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

\* STAGE CODE  
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES

## DATA MEAN

TITLE: DSOYADJ Adjuvants and Crop Tolerance on Soybean S-700 - 21 plots wide  
 CREATED: 05/11/2001 REVISED: 11/06/2001 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT	TM	CON % 07/01/01	CON % 07/09/01	CON % 07/17/01	BU/ACRE 10/02/01
1A»	RAPTOR 1AS	0.039	LAA	12	9	6	0	47.1
B»	ACTIVATOR 90	0.25	PMV	12				
C»	LIQUID AMS	3.67	PMV	12				
2A»	RAPTOR 1AS	0.039	LAA	12	4	10	0	46.5
B»	NEWTONE	1.00	PMV	12				
3A»	RAPTOR 1AS	0.039	LAA	12	6	7	0	45.9
B»	COC	1.00	PMV	12				
C»	LIQUID AMS	3.67	PMV	12				
4A»	RAPTOR 1AS	0.039	LAA	12	11	12	0	45.9
B»	MSO	1.00	PMV	12				
C»	LIQUID AMS	3.67	PMV	12				
5A»	RAPTOR 1AS	0.039	LAA	12	6	4	0	48.1
B»	HI PER-OIL	0.50	PMV	12				
C»	LIQUID AMS	3.67	PMV	12				
6A»	LAND OIL	1.25	PMV	12	8	8	0	47.2
B»	RAPTOR 1AS	0.039	LAA	12				
C»	LIQUID AMS	3.67	PMV	12				
7A»	FFP OIL	1.25	PMV	12	8	4	0	47.8
B»	RAPTOR 1AS	0.039	LAA	12				
C»	LIQUID AMS	3.67	PMV	12				
8A»	RAPTOR 1AS	0.039	LAA	12	21	18	0	47.3
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	21	13	0	45.2
B»	ULTRA BLAZER	0.188	LAA	12				
C»	NEWTONE	1.00	PMV	12				
10A»	RAPTOR 1AS	0.039	LAA	12	19	11	0	47.4
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	24	15	0	45.3
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	16	6	0	50.5
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	20	14	0	45.7
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	15	14	0	43.9
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	16	11	0	45.5
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 % 07/01/01	CON % 07/09/01	CON % 07/17/01	BU/ACRE 10/02/01
16A	RAPTOR 1AS	0.039	LAA 12		21	13	0	44.9
	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		20	12	0	49.7
	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		22	16	0	48.3
	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		26	11	0	46.9
	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		4	4	0	50.8
	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		3	6	0	46.1
	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		8	4	0	47.9
	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		12	9	0	45.8
	B»FIRSTRATE 84WG	0.016	LAA 12					
	C»NEWTONE	1.00	PMV 12					
24A	RAPTOR 1AS	0.039	LAA 12		14	8	0	48.0
	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		17	12	0	47.9
	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		17	11	0	49.0
	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		13	11	0	48.7
	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		11	6	0	47.6
	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		4	4	0	48.2
	B»ACTIVATOR 90	0.25	PMV 12					
30A	EXTREME 2.17L	0.814	LAA 12		2	10	0	46.2
	B BASAGRAN 4SL	0.125	LAA 12					
	C»ACTIVATOR 90	0.25	PMV 12					

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TITLE: DSOYADJ Adjuvants and Crop Tolerance on Soybean S-700 - 21 plots wide

TRT	TREATMENT	DOSAGE		GLXMA	GLXMA	GLXMA	YIELD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	BU/ACRE
				07/01/01	07/09/01	07/17/01	10/02/01
31A»	EXTREME 2.17L	0.814	LAA 12	4	9	0	48.0
	B BASAGRAN 4SL	0.25	LAA 12				
	C»ACTIVATOR 90	0.25	PMV 12				
32A»	EXTREME 2.17L	0.814	LAA 12	5	7	0	47.6
	B»LIQUID AMS	5.00	PMV 12				
33A»	RNDUP ULTRA MA	0.75	LAA 12	0	0	0	52.0
	B»LIQUID AMS	5.00	PMV 12				
34A»	HAND WEEDED	0.00	NA 0	0	0	0	53.0
	B»RNDUP ULTRA MA	0.56	LAA 12				
		LSD (0.05)		3.35	7.56	0.00	5.00
		STANDARD DEVIATION		1.69	3.82	0.00	2.53

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 12 = ----- / POST 06/26/2001(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 %	07/01/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	GLXMA	CON %	07/09/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	GLXMA	CON %	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	YIELD	BU/ACRE	10/02/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR