

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMXSPR	
APPLICATION DATE	06/18/01	AME
AIR TEMPERATURE	83	F
% REL.HUMIDITY	65	
WIND DIRECTION	SOUTH	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/13	
DEKALB CX303RR	6.00/6.00	IN
05/10/2001		
*** PEST ***		
VELVETLEAF	---/16	
	4.00/6.00	IN
WATERHEMP, COMMO	---/19	
	4.00/6.00	IN
LAMBSQUARTERS, C	---/19	
	4.00/8.00	IN
MORNINGGLORY, TA	---/15	
	2.00/2.00	IN
FOXTAIL, GIANT	---/14	
	4.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Postemergence adjuvant test in soybean AS-100

CREATED: 05/31/2001 REVISED: 08/01/2001

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

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01
1A	RAPTOR 1AS	0.02	LAA	12	2	53	33	79	72	72
	B»N-PAK AMS	2.50	PMV	12						
2A	RAPTOR 1AS	0.02	LAA	12	5	78	72	90	83	79
	B»PRIME OIL	1.00	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
3A	RAPTOR 1AS	0.02	LAA	12	3	75	68	89	83	80
	B»DESTINY	1.00	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
4A	RAPTOR 1AS	0.02	LAA	12	3	70	63	86	78	74
	B»HI PER-OIL	0.50	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
5A	RAPTOR 1AS	0.02	LAA	12	3	70	65	85	79	77
	B»AG 01023	0.50	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
6A	RAPTOR 1AS	0.02	LAA	12	5	70	63	83	78	70
	B»AG 01023	1.00	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
7A	RAPTOR 1AS	0.02	LAA	12	5	77	72	88	82	77
	B»AG 01017	0.50	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
8A	RAPTOR 1AS	0.02	LAA	12	5	83	77	91	84	81
	B»AG 01019	0.50	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
9A	RAPTOR 1AS	0.02	LAA	12	2	70	69	88	80	76
	B»LAND OIL	0.63	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
10A	RAPTOR 1AS	0.02	LAA	12	2	58	50	87	73	72
	B»FFP OIL	0.63	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
11A	RAPTOR 1AS	0.02	LAA	12	0	47	33	74	63	60
	B»REQUEST	1.50	QMG	12						
	C»POINTBLANK	0.05	PMV	12						
12A	RAPTOR 1AS	0.02	LAA	12	0	50	40	70	60	53
	B»STRIKEZONE PPS	9.00	PMG	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	RAPTOR 1AS	0.02	LAA	12	0	53	43	79	70	65
	B»ACTIMASTER	8.50	PMG	12						
	C»POINTBLANK	0.05	PMV	12						
15A	RAPTOR 1AS	0.02	LAA	12	0	50	40	73	65	55
	B»N-PAK AMS	2.50	PMV	12						
	C»POINTBLANK	0.05	PMV	12						
16A	RAPTOR 1AS	0.02	LAA	12	5	72	68	89	82	78
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					3.00	7.62	11.00	7.51	8.49	8.62
STANDARD DEVIATION					1.47	3.73	5.37	3.68	4.16	4.22

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RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/17/01	SETFA CON % 07/17/01	CHEAL CON % 07/17/01	AMATA CON % 07/17/01	ABUTH CON % 07/17/01	PHBPU CON % 07/17/01	
1A»	RAPTOR 1AS	0.02	LAA	12	0	40	33	57	77	68	
B»	N-PAK AMS	2.50	PMV	12							
2A»	RAPTOR 1AS	0.02	LAA	12	0	83	76	84	99	92	
B»	PRIME OIL	1.00	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
3A»	RAPTOR 1AS	0.02	LAA	12	0	85	81	87	99	90	
B»	DESTINY	1.00	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
4A»	RAPTOR 1AS	0.02	LAA	12	0	88	87	89	99	93	
B»	HI PER-OIL	0.50	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
5A»	RAPTOR 1AS	0.02	LAA	12	0	83	79	87	99	88	
B»	AG 01023	0.50	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
6A»	RAPTOR 1AS	0.02	LAA	12	0	85	84	86	99	90	
B»	AG 01023	1.00	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
7A»	RAPTOR 1AS	0.02	LAA	12	0	87	83	87	99	92	
B»	AG 01017	0.50	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
8A»	RAPTOR 1AS	0.02	LAA	12	0	81	77	83	99	90	
B»	AG 01019	0.50	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
9A»	RAPTOR 1AS	0.02	LAA	12	0	81	80	85	99	87	
B»	LAND OIL	0.63	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
10A»	RAPTOR 1AS	0.02	LAA	12	0	68	63	73	92	78	
B»	FFP OIL	0.63	PMV	12							
C»	N-PAK AMS	2.50	PMV	12							
11A»	RAPTOR 1AS	0.02	LAA	12	0	62	53	72	89	78	
B»	REQUEST	1.50	QMG	12							
C»	POINTBLANK	0.05	PMV	12							
12A»	RAPTOR 1AS	0.02	LAA	12	0	68	57	73	91	79	
B»	STRIKEZONE PPS	9.00	PMG	12							
13A	CHECK	0.00	NA	0	0	0	0	0	0	0	
14A»	RAPTOR 1AS	0.02	LAA	12	0	53	47	63	88	72	
B»	ACTIMASTER	8.50	PMG	12							
C»	POINTBLANK	0.05	PMV	12							
15A»	RAPTOR 1AS	0.02	LAA	12	0	53	47	60	85	73	
B»	N-PAK AMS	2.50	PMV	12							
C»	POINTBLANK	0.05	PMV	12							
16A»	RAPTOR 1AS	0.02	LAA	12	0	89	88	93	99	93	
B»	MSO	1.00	PMV	12							
C»	LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	0.00	10.77	14.63	10.86	7.83	8.48
					STANDARD DEVIATION	0.00	5.27	7.17	5.32	3.83	4.15

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

DATA MEAN

* TIMING CODES

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	CTR1	SS	NOTE
01	GLXMA	CON %	06/28/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/28/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CHEAL	CON %	06/28/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMATA	CON %	06/28/2001	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ABUTH	CON %	06/28/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	PHBPU	CON %	06/28/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	GLXMA	CON %	07/17/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	SETFA	CON %	07/17/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	07/17/2001	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMATA	CON %	07/17/2001	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ABUTH	CON %	07/17/2001	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	PHBPU	CON %	07/17/2001	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB CX303RR