

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.0  
 %OM: 6.0  
 PREV.CROP: ZEAMD - CORN, DENT  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/27/03	AME
AIR TEMPERATURE	75	F
% REL.HUMIDITY	41	
WIND DIRECTION	WEST	
WIND SPEED	11.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/DRY	
SOIL CONDITION	FRIABLE	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
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	
*** PEST ***		
VELVETLEAF	HGH/17 7.00/7.00	IN
RAGWEED, GIANT	MED/19 12.0/12.0	IN
LAMBSQUARTERS, C	HGH/19 6.00/6.00	IN
SOYBEAN ASGROW 2703 RR 05/18/2003	---/15 8.00/8.00	IN
SMARTWEED, PENNS	MED/19 10.0/10.0	IN
FOXTAIL, GIANT	HGH/18 8.00/8.00	IN

\* TIMING CODES

12 = ----- / POST

\* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 18 = 8 LEAVES UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Glyphosate and micronutrient + adjuvant tankmixes in soybean SW 1500  
**CREATED:** 04/24/2003 **REVISED:** 11/04/2003 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Dekalb **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	ABUTH	POLPY	AMBTR
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/09/03	07/09/03	07/09/03	07/09/03	07/09/03	07/09/03
1A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	90	63	60	58	63
2A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	92	80	83	85	77
B»	LIQUID AMS	2.50	PMV 12						
3A»	WEATHERMAX 4.5	0.56	LAA 12	5.00	42	27	27	25	32
B»	CROP BOOSTER	1.00	QMA 12						
4A»	WEATHERMAX 4.5	0.56	LAA 12	4.00	75	50	47	33	48
B»	CROP BOOSTER	1.00	QMA 12						
C»	ALLIANCE 90	1.25	PMV 12						
5A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	81	68	60	47	43
B»	CROP BOOSTER	1.00	QMA 12						
C»	ALLIANCE 90	2.50	PMV 12						
6A»	WEATHERMAX 4.5	0.56	LAA 12	4.00	22	17	17	17	17
B»	CROP BOOSTER	2.00	QMA 12						
7A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	43	35	40	40	27
B»	CROP BOOSTER	2.00	QMA 12						
C»	ALLIANCE 90	1.25	PMV 12						
8A»	WEATHERMAX 4.5	0.56	LAA 12	4.00	92	75	60	60	55
B»	CROP BOOSTER	2.00	QMA 12						
C»	ALLIANCE 90	2.50	PMV 12						
9A»	WEATHERMAX 4.5	0.56	LAA 12	9.00	37	17	17	18	27
B»	CROP BOOSTER	1.00	QMA 12						
C»	PLACEMENT	1.00	PMV 12						
10A»	WEATHERMAX 4.5	0.56	LAA 12	6.00	42	17	18	20	23
B»	CROP BOOSTER	1.00	QMA 12						
C»	PLACEMENT	2.00	PMV 12						
11A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	92	79	73	72	63
B»	ALLIANCE 90	1.25	PMV 12						
12A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	92	87	87	80	82
B»	ALLIANCE 90	2.50	PMV 12						
13A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	91	70	70	63	73
B»	PLACEMENT	1.00	PMV 12						
14A»	WEATHERMAX 4.5	0.56	LAA 12	0.00	95	78	75	73	63
B»	PLACEMENT	2.00	PMV 12						
15A	CHECK	0.00	NA 0	0.00	0	0	0	0	0
		LSD (0.05)		1.90	10.00	12.37	9.62	11.51	18.00
		STANDARD DEVIATION		0.926	4.87	6.00	4.68	5.60	8.77

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMBTR	CHEAL	ABUTH	POLPY
		RATE	UNIT		CON % 07/22/03	CON % 07/22/03	CON % 07/22/03	CON % 07/22/03	CON % 07/22/03	CON % 07/22/03
1A»	WEATHERMAX 4.5	0.56	LAA 12		0	93	78	67	86	72
2A»	WEATHERMAX 4.5	0.56	LAA 12		0	93	83	71	95	80
	B»LIQUID AMS	2.50	PMV 12							
3A»	WEATHERMAX 4.5	0.56	LAA 12		0	70	60	43	50	52
	B»CROP BOOSTER	1.00	QMA 12							
4A»	WEATHERMAX 4.5	0.56	LAA 12		0	92	78	68	86	70
	B»CROP BOOSTER	1.00	QMA 12							
	C»ALLIANCE 90	1.25	PMV 12							
5A»	WEATHERMAX 4.5	0.56	LAA 12		0	87	78	77	86	75
	B»CROP BOOSTER	1.00	QMA 12							
	C»ALLIANCE 90	2.50	PMV 12							
6A»	WEATHERMAX 4.5	0.56	LAA 12		0	48	23	20	20	20
	B»CROP BOOSTER	2.00	QMA 12							
7A»	WEATHERMAX 4.5	0.56	LAA 12		0	78	70	63	67	70
	B»CROP BOOSTER	2.00	QMA 12							
	C»ALLIANCE 90	1.25	PMV 12							
8A»	WEATHERMAX 4.5	0.56	LAA 12		0	83	73	75	82	78
	B»CROP BOOSTER	2.00	QMA 12							
	C»ALLIANCE 90	2.50	PMV 12							
9A»	WEATHERMAX 4.5	0.56	LAA 12		0	67	53	37	30	30
	B»CROP BOOSTER	1.00	QMA 12							
	C»PLACEMENT	1.00	PMV 12							
10A»	WEATHERMAX 4.5	0.56	LAA 12		0	67	43	40	30	33
	B»CROP BOOSTER	1.00	QMA 12							
	C»PLACEMENT	2.00	PMV 12							
11A»	WEATHERMAX 4.5	0.56	LAA 12		0	92	75	69	90	75
	B»ALLIANCE 90	1.25	PMV 12							
12A»	WEATHERMAX 4.5	0.56	LAA 12		0	92	86	77	95	80
	B»ALLIANCE 90	2.50	PMV 12							
13A»	WEATHERMAX 4.5	0.56	LAA 12		0	90	80	68	77	78
	B»PLACEMENT	1.00	PMV 12							
14A»	WEATHERMAX 4.5	0.56	LAA 12		0	92	73	74	82	75
	B»PLACEMENT	2.00	PMV 12							
15A	CHECK	0.00	NA 0		0	0	0	0	0	0
		LSD (0.05)			0.00	9.71	8.15	10.00	12.64	6.44
		STANDARD DEVIATION			0.00	4.72	4.00	4.85	6.15	3.13

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TRT	TREATMENT	DOSAGE	GLXMA	
NUM	COMPONENT	RATE	CON %	TM
		UNIT	10/02/03	
1A	WEATHERMAX 4.5	0.56	LAA 12	30.3
2A	WEATHERMAX 4.5	0.56	LAA 12	29.2
	B»LIQUID AMS	2.50	PMV 12	
3A	WEATHERMAX 4.5	0.56	LAA 12	25.8
	B»CROP BOOSTER	1.00	QMA 12	
4A	WEATHERMAX 4.5	0.56	LAA 12	29.3
	B»CROP BOOSTER	1.00	QMA 12	
	C»ALLIANCE 90	1.25	PMV 12	
5A	WEATHERMAX 4.5	0.56	LAA 12	24.2
	B»CROP BOOSTER	1.00	QMA 12	
	C»ALLIANCE 90	2.50	PMV 12	
6A	WEATHERMAX 4.5	0.56	LAA 12	24.5
	B»CROP BOOSTER	2.00	QMA 12	
7A	WEATHERMAX 4.5	0.56	LAA 12	31.2
	B»CROP BOOSTER	2.00	QMA 12	
	C»ALLIANCE 90	1.25	PMV 12	
8A	WEATHERMAX 4.5	0.56	LAA 12	32.0
	B»CROP BOOSTER	2.00	QMA 12	
	C»ALLIANCE 90	2.50	PMV 12	
9A	WEATHERMAX 4.5	0.56	LAA 12	28.5
	B»CROP BOOSTER	1.00	QMA 12	
	C»PLACEMENT	1.00	PMV 12	
10A	WEATHERMAX 4.5	0.56	LAA 12	28.1
	B»CROP BOOSTER	1.00	QMA 12	
	C»PLACEMENT	2.00	PMV 12	
11A	WEATHERMAX 4.5	0.56	LAA 12	27.5
	B»ALLIANCE 90	1.25	PMV 12	
12A	WEATHERMAX 4.5	0.56	LAA 12	32.1
	B»ALLIANCE 90	2.50	PMV 12	
13A	WEATHERMAX 4.5	0.56	LAA 12	30.0
	B»PLACEMENT	1.00	PMV 12	
14A	WEATHERMAX 4.5	0.56	LAA 12	32.2
	B»PLACEMENT	2.00	PMV 12	
15A	CHECK	0.00	NA 0	10.5
		LSD (0.05)		7.16
		STANDARD DEVIATION		3.49

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 12 = ----- / POST 06/27/2003(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	07/09/2003	01	P	GLXMA		RAW	ALL	VIG	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/09/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	07/09/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	07/09/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	07/09/2003	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBTR	CON %	07/09/2003	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
006	GLXMA	CON %	07/22/2003	01	P	GLXMA		RAW	ALL	VIG	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/22/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	07/22/2003	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/22/2003	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	07/22/2003	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	POLPY	CON %	07/22/2003	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	10/02/2003	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR