

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	02	03	UNIT
TIMINGS	11	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/12/04	06/18/04	07/06/04	AME
AIR TEMPERATURE	82	76	78	F
% REL.HUMIDITY	80	68	60	
WIND DIRECTION	EAST	WEST	SOUTHWEST	
WIND SPEED	3.0	2.0	7.0	M/H
CLOUD COVER	CLOUDY	OVERCAST	CLOUDY	
DEW	YES	YES	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	5	
NOZZLE SPACING	20.000	20.000	18.000	IN
SWATH WIDTH	10.0	10.0	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	40.00	32.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN	---/15	---/16	---/65	
PIONEER 93B67	6.00/6.00	10.0/10.0	16.0/18.0	IN
05/12/2004				
*** PEST ***				
WATERHEMP, COMMO	---/19	---/19	---/19	
	2.00/6.00	4.00/8.00	6.00/12.0	IN
LAMBSQUARTERS, C	---/18	---/19	---/19	
	1.00/3.00	4.00/8.00	4.00/10.0	IN
MORNINGGLORY, TA	---/14	---/18	---/19	
	1.00/3.00	2.00/6.00	4.00/8.00	IN
FOXTAIL, GIANT	---/13	---/11	---/15	
	2.00/6.00	4.00/8.00	6.00/14.0	IN

* TIMING CODES

11 = ----- / EPOST
13 = ----- / LPOST
14 = ----- / VLPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
65 = 50% OF FLOWERS OPEN (DETERMINATE); MAIN FLOWERING PERIOD (INDETERM.)

TITLE: Glyphosate and Proaxis on Soybean for Weed Control and Yield AS-200
CREATED: 06/10/2004 **REVISED:** 10/20/2004 **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:** 04

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	AMATA	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/30/04	06/30/04	06/30/04	06/30/04	07/20/04
1A»	XDE-225 0.5CS	2.56	ZMA 13	0	99	92	99	91
B»	GF-1279 4LB AE	0.75	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
2A»	XDE-225 0.5CS	2.56	ZMA 13	0	99	98	99	97
B»	GF-1279 4LB AE	1.12	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
3A»	XDE-225 0.5CS	3.84	ZMA 13	0	99	92	99	90
B»	GF-1279 4LB AE	0.75	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
4A»	XDE-225 0.5CS	3.84	ZMA 13	0	99	99	99	97
B»	GF-1279 4LB AE	1.12	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
5A»	XDE-225 0.5CS	2.56	ZMA 13	0	99	94	99	96
B	CHECK	0.00	NA 0					
C»	GF-1279 4LB AE	1.12	LAA 13					
D»	LIQUID AMS	2.50	PMV 13					
6A»	XDE-225 0.5CS	3.84	ZMA 13	0	99	99	99	98
B	CHECK	0.00	NA 0					
C»	GF-1279 4LB AE	1.12	LAA 13					
D»	LIQUID AMS	2.50	PMV 13					
7A»	GF-1279 4LB AE	0.75	LAA 13	0	99	93	99	90
B»	LIQUID AMS	2.50	PMV 13					
8A»	GF-1279 4LB AE	1.12	LAA 13	0	99	97	99	96
B»	LIQUID AMS	2.50	PMV 13					
9A»	XDE-225 0.5CS	2.56	ZMA 13	0	99	96	99	91
B	CHECK	0.00	NA 0					
C»	GF-1279 4LB AE	1.12	LAA 13					
D»	LIQUID AMS	2.50	PMV 13					
10A»	XDE-225 0.5CS	3.84	ZMA 13	0	99	98	99	94
B	CHECK	0.00	NA 0					
C»	GF-1279 4LB AE	1.12	LAA 13					
D»	LIQUID AMS	2.50	PMV 13					
11A»	TOUCHDN TOTAL	0.75	LAA 13	0	99	93	99	92
B»	WARRIOR 1 CS	3.20	ZMA 13					
C»	QUADRI 2.08L	6.20	ZMA 13					
D»	LIQUID AMS	2.50	PMV 13					
12A»	GF-1279 4LB AE	0.75	LAA 11	0	97	97	90	93
B»	LIQUID AMS	2.50	PMV 11					
C»	GF-1279 4LB AE	0.75	LAA 14					
D»	LIQUID AMS	2.50	PMV 14					
LSD (0.05)				0.00	1.24	1.71	0.444	3.20
STANDARD DEVIATION				0.00	0.612	0.845	0.22	1.59

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 04

TRT	TREATMENT	DOSAGE	SETFA	CHEAL	AMATA	PHBPU	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	BU/A
			TM	07/20/04	07/20/04	07/20/04	10/05/04
1A»	XDE-225 0.5CS	2.56	ZMA 13	99	99	99	58.7
B»	GF-1279 4LB AE	0.75	LAA 13				
C»	LIQUID AMS	2.50	PMV 13				
2A»	XDE-225 0.5CS	2.56	ZMA 13	99	99	99	58.4
B»	GF-1279 4LB AE	1.12	LAA 13				
C»	LIQUID AMS	2.50	PMV 13				
3A»	XDE-225 0.5CS	3.84	ZMA 13	99	99	99	61.0
B»	GF-1279 4LB AE	0.75	LAA 13				
C»	LIQUID AMS	2.50	PMV 13				
4A»	XDE-225 0.5CS	3.84	ZMA 13	99	99	99	62.9
B»	GF-1279 4LB AE	1.12	LAA 13				
C»	LIQUID AMS	2.50	PMV 13				
5A»	XDE-225 0.5CS	2.56	ZMA 13	99	99	99	60.7
B	CHECK	0.00	NA 0				
C»	GF-1279 4LB AE	1.12	LAA 13				
D»	LIQUID AMS	2.50	PMV 13				
6A»	XDE-225 0.5CS	3.84	ZMA 13	99	99	99	62.4
B	CHECK	0.00	NA 0				
C»	GF-1279 4LB AE	1.12	LAA 13				
D»	LIQUID AMS	2.50	PMV 13				
7A»	GF-1279 4LB AE	0.75	LAA 13	99	99	99	60.0
B»	LIQUID AMS	2.50	PMV 13				
8A»	GF-1279 4LB AE	1.12	LAA 13	99	99	99	63.8
B»	LIQUID AMS	2.50	PMV 13				
9A»	XDE-225 0.5CS	2.56	ZMA 13	99	99	99	59.8
B	CHECK	0.00	NA 0				
C»	GF-1279 4LB AE	1.12	LAA 13				
D»	LIQUID AMS	2.50	PMV 13				
10A»	XDE-225 0.5CS	3.84	ZMA 13	99	99	99	59.2
B	CHECK	0.00	NA 0				
C»	GF-1279 4LB AE	1.12	LAA 13				
D»	LIQUID AMS	2.50	PMV 13				
11A»	TOUCHDN TOTAL	0.75	LAA 13	99	99	99	60.2
B»	WARRIOR 1 CS	3.20	ZMA 13				
C»	QUADRI 2.08L	6.20	ZMA 13				
D»	LIQUID AMS	2.50	PMV 13				
12A»	GF-1279 4LB AE	0.75	LAA 11	99	99	99	61.5
B»	LIQUID AMS	2.50	PMV 11				
C»	GF-1279 4LB AE	0.75	LAA 14				
D»	LIQUID AMS	2.50	PMV 14				
LSD (0.05)				0.00	0.00	0.592	6.39
STANDARD DEVIATION				0.00	0.00	0.293	3.16

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/12/2004 (1)
 13 = ----- / LPOST 06/18/2004 (2)
 14 = ----- / VLPOST 07/06/2004 (3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/30/2004	01	P	GLXMA		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	CTR	SS	NOTE
002	SETFA	CON %	06/30/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/30/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/30/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/30/2004	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/20/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/20/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	07/20/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/20/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/20/2004	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/05/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67