

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/16/03	AME
AIR TEMPERATURE	84	F
% REL.HUMIDITY	50	
WIND DIRECTION	EAST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
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	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/15	
PIONEER 93B67	8.00/8.00	IN
05/13/2003		
*** PEST ***		
RAGWEED, COMMON	---/15	
	3.00/6.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/6.00	IN
MORNINGGLORY, TA	---/16	
	2.00/4.00	IN
SMARTWEED, PENNS	---/19	
	4.00/6.00	IN
FOXTAIL, GIANT	---/14	
	2.00/10.0	IN
COCKLEBUR, COMMO	---/15	
	3.00/6.00	IN

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

* STAGE CODE
 14 = 4 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Drift Control Products with Glyphosate in Soybean C-400
CREATED: 05/05/2003 **REVISED:** 11/05/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	POLPY	AMBEL	XANST
		RATE	UNIT		CON % 06/30/03	CON % 06/30/03	CON % 06/30/03	CON % 06/30/03	CON % 06/30/03	CON % 06/30/03
1A	WEATHERMAX 4.5	0.38	LAA	12	0	97	82	80	81	93
2A	WEATHERMAX 4.5	0.38	LAA	12	0	98	84	84	86	95
	B>>PLACEMENT	5.50	ZMA	12						
3A	WEATHERMAX 4.5	0.38	LAA	12	0	99	95	94	95	99
	B>>PLACMNT PROPAK	1.00	PMV	12						
4A	WEATHERMAX 4.5	0.38	LAA	12	0	99	93	94	94	99
	B>>CORRAL LIQ. AM	2.50	PMV	12						
5A	WEATHERMAX 4.5	0.38	LAA	12	0	98	93	93	93	99
	B>>CORRAL DRY AMS	10.00	PMG	12						
6A	WEATHERMAX 4.5	0.38	LAA	12	0	98	89	89	91	97
	B>>N-PAK AMS	2.50	PMV	12						
7A	WEATHERMAX 4.5	0.38	LAA	12	0	98	78	82	84	96
	B>>PLACEMENT	5.50	ZMA	12						
	C>>N-PAK AMS	2.50	PMV	12						
8A	WEATHERMAX 4.5	0.38	LAA	12	0	96	80	83	85	96
	B>>AG 02013	2.75	ZMA	12						
9A	WEATHERMAX 4.5	0.38	LAA	12	0	98	88	90	90	98
	B>>AG 02013	2.75	ZMA	12						
	C>>N-PAK AMS	2.50	PMV	12						
10A	WEATHERMAX 4.5	0.38	LAA	12	0	98	87	88	89	97
	B>>AG 02013	1.50	ZMA	12						
11A	WEATHERMAX 4.5	0.38	LAA	12	0	99	95	93	94	99
	B>>AG 02013	1.50	ZMA	12						
	C>>N-PAK AMS	2.50	PMV	12						
12A	WEATHERMAX 4.5	0.38	LAA	12	0	99	97	95	96	99
	B>>AG 01040	5.00	PMG	12						
13A	WEATHERMAX 4.5	0.38	LAA	12	0	99	94	94	96	99
	B>>AG 01040	10.00	PMG	12						
14A	WEATHERMAX 4.5	0.38	LAA	12	0	99	96	93	96	98
	B>>AG 02062	10.00	PMG	12						
15A	WEATHERMAX 4.5	0.38	LAA	12	0	98	92	92	94	98
	B>>PLACMNT PROPAK	1.00	PMV	12						
	C>>ALLIANCE 90	1.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
17A	WEATHERMAX 4.5	0.38	LAA	12	0	97	88	89	90	98
	B>>ARRAY	9.00	LMA	12						
18A	CLEAROUT 41 PL	0.38	LAA	12	0	99	90	90	90	98
	B>>N-PAK AMS	2.50	PMV	12						
		LSD (0.05)			0.00	1.36	5.88	5.29	4.85	2.23
		STANDARD DEVIATION			0.00	0.675	2.91	2.62	2.40	1.10

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	GLXMA	SETFA	CHEAL	POLPY	AMBEL
		RATE	UNIT		CON % 06/30/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03	CON % 07/16/03
1A	WEATHERMAX 4.5	0.38	LAA 12		78	0	92	67	63	68
2A	WEATHERMAX 4.5	0.38	LAA 12		78	0	93	75	74	77
	B»PLACEMENT	5.50	ZMA 12							
3A	WEATHERMAX 4.5	0.38	LAA 12		87	0	93	81	82	82
	B»PLACMNT PROPAK	1.00	PMV 12							
4A	WEATHERMAX 4.5	0.38	LAA 12		88	0	89	76	79	77
	B»CORRAL LIQ. AM	2.50	PMV 12							
5A	WEATHERMAX 4.5	0.38	LAA 12		86	0	91	77	79	78
	B»CORRAL DRY AMS	10.00	PMG 12							
6A	WEATHERMAX 4.5	0.38	LAA 12		88	0	95	84	82	81
	B»N-PAK AMS	2.50	PMV 12							
7A	WEATHERMAX 4.5	0.38	LAA 12		80	0	92	74	78	77
	B»PLACEMENT	5.50	ZMA 12							
	C»N-PAK AMS	2.50	PMV 12							
8A	WEATHERMAX 4.5	0.38	LAA 12		78	0	90	73	73	72
	B»AG 02013	2.75	ZMA 12							
9A	WEATHERMAX 4.5	0.38	LAA 12		84	0	94	83	83	84
	B»AG 02013	2.75	ZMA 12							
	C»N-PAK AMS	2.50	PMV 12							
10A	WEATHERMAX 4.5	0.38	LAA 12		85	0	91	77	74	75
	B»AG 02013	1.50	ZMA 12							
11A	WEATHERMAX 4.5	0.38	LAA 12		90	0	93	84	83	82
	B»AG 02013	1.50	ZMA 12							
	C»N-PAK AMS	2.50	PMV 12							
12A	WEATHERMAX 4.5	0.38	LAA 12		90	0	95	90	90	88
	B»AG 01040	5.00	PMG 12							
13A	WEATHERMAX 4.5	0.38	LAA 12		89	0	92	86	87	85
	B»AG 01040	10.00	PMG 12							
14A	WEATHERMAX 4.5	0.38	LAA 12		85	0	94	92	89	90
	B»AG 02062	10.00	PMG 12							
15A	WEATHERMAX 4.5	0.38	LAA 12		86	0	95	94	92	92
	B»PLACMNT PROPAK	1.00	PMV 12							
	C»ALLIANCE 90	1.00	PMV 12							
16A	CHECK	0.00	NA 0		0	0	0	0	0	0
17A	WEATHERMAX 4.5	0.38	LAA 12		85	0	88	70	68	63
	B»ARRAY	9.00	LMA 12							
18A	CLEAROUT 41 PL	0.38	LAA 12		88	0	92	82	80	79
	B»N-PAK AMS	2.50	PMV 12							
		LSD (0.05)			5.20	0.00	5.00	9.60	8.36	9.61
		STANDARD DEVIATION			2.57	0.00	2.49	4.75	4.14	4.76

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	XANST	PHBPU	
NUM	COMPONENT	RATE	CON %	CON %	
		UNIT	07/16/03	07/16/03	
1A	WEATHERMAX 4.5	0.38	LAA 12	96	62
2A	WEATHERMAX 4.5	0.38	LAA 12	99	67
B	PLACEMENT	5.50	ZMA 12		
3A	WEATHERMAX 4.5	0.38	LAA 12	99	80
B	PLACMNT PROPAK	1.00	PMV 12		
4A	WEATHERMAX 4.5	0.38	LAA 12	99	76
B	CORRAL LIQ. AM	2.50	PMV 12		
5A	WEATHERMAX 4.5	0.38	LAA 12	99	71
B	CORRAL DRY AMS	10.00	PMG 12		
6A	WEATHERMAX 4.5	0.38	LAA 12	99	75
B	N-PAK AMS	2.50	PMV 12		
7A	WEATHERMAX 4.5	0.38	LAA 12	99	74
B	PLACEMENT	5.50	ZMA 12		
C	N-PAK AMS	2.50	PMV 12		
8A	WEATHERMAX 4.5	0.38	LAA 12	99	63
B	AG 02013	2.75	ZMA 12		
9A	WEATHERMAX 4.5	0.38	LAA 12	99	82
B	AG 02013	2.75	ZMA 12		
C	N-PAK AMS	2.50	PMV 12		
10A	WEATHERMAX 4.5	0.38	LAA 12	99	70
B	AG 02013	1.50	ZMA 12		
11A	WEATHERMAX 4.5	0.38	LAA 12	99	84
B	AG 02013	1.50	ZMA 12		
C	N-PAK AMS	2.50	PMV 12		
12A	WEATHERMAX 4.5	0.38	LAA 12	99	84
B	AG 01040	5.00	PMG 12		
13A	WEATHERMAX 4.5	0.38	LAA 12	99	83
B	AG 01040	10.00	PMG 12		
14A	WEATHERMAX 4.5	0.38	LAA 12	99	86
B	AG 02062	10.00	PMG 12		
15A	WEATHERMAX 4.5	0.38	LAA 12	99	90
B	PLACMNT PROPAK	1.00	PMV 12		
C	ALLIANCE 90	1.00	PMV 12		
16A	CHECK	0.00	NA 0	0	0
17A	WEATHERMAX 4.5	0.38	LAA 12	98	67
B	ARRAY	9.00	LMA 12		
18A	CLEAROUT 41 PL	0.38	LAA 12	99	78
B	N-PAK AMS	2.50	PMV 12		
		LSD (0.05)	1.00	9.33	
		STANDARD DEVIATION	0.491	4.62	

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/16/2003 (1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/30/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Drift Control Products with Glyphosate in Soybean C-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	SETFA	CON %	06/30/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/30/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	06/30/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	06/30/2003	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/30/2003	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/30/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	07/16/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/16/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/16/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	POLPY	CON %	07/16/2003	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	07/16/2003	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	07/16/2003	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/16/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67