

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 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	06/20/06	AME
AIR TEMPERATURE	82	F
% REL.HUMIDITY	40	
WIND DIRECTION	---	
WIND SPEED	0.0	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	---/14	
FS 3346RR	6.00/8.00	IN
05/22/2006		
*** PEST ***		
RAGWEED, COMMON	---/17	
	3.00/6.00	IN
MORNINGGLORY, TA	---/18	
	2.00/4.00	IN
FOXTAIL, GIANT	---/16	
	4.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 16 = 6 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Postemergence Weed Control in Roundup Ready Soybean. C-500
CREATED: 05/04/2006 **REVISED:** 08/08/2006 **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	TREATMENT	DOSAGE	GLXMA	SETFA	AMBEL	PHBPU	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/30/06	06/30/06	06/30/06	06/30/06
1A»	WEATHERMAX 4.5	0.75	LAA	12	0	99	96	92
B»	CHOICE WEATHER	0.50	PMV	12				0
2A»	MIRAGE PLUS 3A	0.75	LAA	12	0	99	96	92
B»	CHOICE WEATHER	0.50	PMV	12				0
3A»	LI 6130 3AE	0.75	LAA	12	0	99	93	90
B»	CHOICE WEATHER	0.50	PMV	12				0
4A»	LI 6173 3AE	0.75	LAA	12	0	99	93	90
B»	CHOICE WEATHER	0.50	PMV	12				0
5A»	MIRAGE 3AE	0.75	LAA	12	0	99	94	89
B»	LI-700	0.25	PMV	12				0
C»	CHOICE WEATHER	0.50	PMV	12				0
6A»	LI 6171 3AE	0.75	LAA	12	0	99	94	88
B»	LI-700	0.25	PMV	12				0
C»	CHOICE WEATHER	0.50	PMV	12				0
7A»	LI 6139 4.5AE	0.75	LAA	12	0	99	94	91
B»	CHOICE WEATHER	0.50	PMV	12				0
8A»	LI 6139 4.5AE	0.75	LAA	12	0	99	89	83
B»	LI-700	0.25	PMV	12				0
C»	CHOICE WEATHER	0.50	PMV	12				0
9A»	LI 6139 4.5AE	0.75	LAA	12	0	99	91	85
B»	LI-700	0.50	PMV	12				0
C»	CHOICE WEATHER	0.50	PMV	12				0
10A»	MIRAGE 3AE	0.75	LAA	12	0	99	96	91
B»	FLAME	0.25	PMV	12				0
11A»	MIRAGE 3AE	0.75	LAA	12	0	99	96	90
B»	FLAME	0.50	PMV	12				0
12A»	MIRAGE 3AE	0.75	LAA	12	0	99	95	91
B»	ACTIVATOR 90	0.25	PMV	12				0
C»	LIQUID AMS	5.00	PMV	12				0
13A	CHECK	0.00	NA	0	0	0	0	0
14A»	WEATHERMAX 4.5	0.75	LAA	12	8	99	97	96
B»	ET-751 0.21L	0.00081	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				0
15A»	WEATHERMAX 4.5	0.75	LAA	12	9	99	97	97
B»	ET-751 0.21L	0.0012	LAA	12				1
C»	LIQUID AMS	2.50	PMV	12				0
16A»	WEATHERMAX 4.5	0.75	LAA	12	9	99	97	96
B	AIM EC	0.0039	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				0
17A»	WEATHERMAX 4.5	0.75	LAA	12	12	99	98	98
B	AIM EC	0.0078	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				0
18A»	RDUP ORIG MAX	0.75	LAA	12	23	99	98	98
B»	IR 8116 0.42L	0.009	LAA	12				3
C»	LIQUID AMS	2.50	PMV	12				0
LSD (0.05)					1.75	0.00	2.00	3.46
STANDARD DEVIATION					0.865	0.00	1.00	1.71
								0.586
								3.43
								1.70

TITLE: Postemergence Weed Control in Roundup Ready Soybean. C-500
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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	TREATMENT	DOSAGE	AMBEL	PHBPU
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	TM	07/21/06
1A»	WEATHERMAX 4.5	0.75	LAA 12	94
B»	CHOICE WEATHER	0.50	PMV 12	75
2A»	MIRAGE PLUS 3A	0.75	LAA 12	96
B»	CHOICE WEATHER	0.50	PMV 12	83
3A»	LI 6130 3AE	0.75	LAA 12	93
B»	CHOICE WEATHER	0.50	PMV 12	77
4A»	LI 6173 3AE	0.75	LAA 12	94
B»	CHOICE WEATHER	0.50	PMV 12	73
5A»	MIRAGE 3AE	0.75	LAA 12	90
B»	LI-700	0.25	PMV 12	68
C»	CHOICE WEATHER	0.50	PMV 12	
6A»	LI 6171 3AE	0.75	LAA 12	89
B»	LI-700	0.25	PMV 12	65
C»	CHOICE WEATHER	0.50	PMV 12	
7A»	LI 6139 4.5AE	0.75	LAA 12	88
B»	CHOICE WEATHER	0.50	PMV 12	65
8A»	LI 6139 4.5AE	0.75	LAA 12	92
B»	LI-700	0.25	PMV 12	60
C»	CHOICE WEATHER	0.50	PMV 12	
9A»	LI 6139 4.5AE	0.75	LAA 12	91
B»	LI-700	0.50	PMV 12	58
C»	CHOICE WEATHER	0.50	PMV 12	
10A»	MIRAGE 3AE	0.75	LAA 12	91
B»	FLAME	0.25	PMV 12	74
11A»	MIRAGE 3AE	0.75	LAA 12	93
B»	FLAME	0.50	PMV 12	65
12A»	MIRAGE 3AE	0.75	LAA 12	93
B»	ACTIVATOR 90	0.25	PMV 12	80
C»	LIQUID AMS	5.00	PMV 12	
13A	CHECK	0.00	NA 0	0
14A»	WEATHERMAX 4.5	0.75	LAA 12	92
B»	ET-751 0.21L	0.00081	LAA 12	73
C»	LIQUID AMS	2.50	PMV 12	
15A»	WEATHERMAX 4.5	0.75	LAA 12	93
B»	ET-751 0.21L	0.0012	LAA 12	73
C»	LIQUID AMS	2.50	PMV 12	
16A»	WEATHERMAX 4.5	0.75	LAA 12	94
B	AIM EC	0.0039	LAA 12	63
C»	LIQUID AMS	2.50	PMV 12	
17A»	WEATHERMAX 4.5	0.75	LAA 12	95
B	AIM EC	0.0078	LAA 12	73
C»	LIQUID AMS	2.50	PMV 12	
18A»	RDUP ORIG MAX	0.75	LAA 12	92
B»	IR 8116 0.42L	0.009	LAA 12	57
C»	LIQUID AMS	2.50	PMV 12	
LSD (0.05)			4.00	14.49
STANDARD DEVIATION			2.00	7.17

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

*** CONTINUE ON NEXT PAGE

00 = ----- / UNTREATED TIMING
 00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/20/2006(1)

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 %	06/30/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/30/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/30/2006	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	06/30/2006	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/21/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/21/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBEL	CON %	07/21/2006	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	07/21/2006	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3346RR