

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	02	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/23/06	06/12/06	07/05/06	AME
AIR TEMPERATURE	72	76	72	F
% REL.HUMIDITY	30	30	45	
WIND DIRECTION	NORTHEAST	NORTHEAST	NORTHEAST	
WIND SPEED	2.0	3.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	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	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	42.00	42.00	42.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN		---/14	---/16	
FS 3346RR		4.00/4.00	14.0/14.0	IN
05/22/2006				
*** PEST ***				
RAGWEED, COMMON		---/13	---/12	
		1.00/3.00	1.00/3.00	IN
MORNINGGLORY, TA		---/15	---/12	
		1.00/2.00	1.00/2.00	IN
FOXTAIL, GIANT		---/13	---/12	
		1.00/3.00	2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
13 = ----- / LPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES

TITLE: Residual Mixtures for Weed Control in Soybean. C-500
CREATED: 05/02/2006 **REVISED:** 08/30/2006 **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	PHBPU	AMBEL	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/12/06	06/12/06	06/12/06	06/12/06
							06/20/06	06/20/06
1A»	WEATHERMAX 4.5	0.75	LAA	11			0	95
B»	LIQUID AMS	2.50	PMV	11				
C»	WEATHERMAX 4.5	0.75	LAA	13				
D»	LIQUID AMS	2.50	PMV	13				
2A»	WEATHERMAX 4.5	0.75	LAA	11			8	95
B»	IR 6396 0.42L	0.0022	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
3A»	WEATHERMAX 4.5	0.75	LAA	11			10	93
B»	IR 6396 0.42L	0.0045	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
4A»	WEATHERMAX 4.5	0.75	LAA	11			17	93
B»	IR 6396 0.42L	0.0067	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
5A»	WEATHERMAX 4.5	0.75	LAA	11			22	90
B»	IR 8116 0.42L	0.0022	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
6A»	WEATHERMAX 4.5	0.75	LAA	11			22	93
B»	IR 8116 0.42L	0.0045	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
7A»	WEATHERMAX 4.5	0.75	LAA	11			27	88
B»	IR 8116 0.42L	0.0067	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
8A»	SEQUENCE 5.25E	2.30	LAA	11			17	87
B»	IR 6396 0.42L	0.0067	LAA	11				
9A»	SEQUENCE 5.25E	2.30	LAA	11			27	88
B»	IR 8116 0.42L	0.0067	LAA	11				
10A»	WEATHERMAX 4.5	0.75	LAA	11			13	87
B	BASAGRAN 4SL	0.75	LAA	11				
C»	IR 6396 0.42L	0.0067	LAA	11				
D»	LIQUID AMS	2.50	PMV	11				
11A»	WEATHERMAX 4.5	0.75	LAA	11			20	92
B	BASAGRAN 4SL	0.75	LAA	11				
C»	IR 8116 0.42L	0.0067	LAA	11				
D»	LIQUID AMS	2.50	PMV	11				
12A»	WEATHERMAX 4.5	0.75	LAA	11			10	90
B	FLEXSTAR 1.88	0.176	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
13A»	WEATHERMAX 4.5	0.75	LAA	11			12	90
B	RESOURCE (0.86	0.054	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
14A»	WEATHERMAX 4.5	0.75	LAA	11			15	85
B	AIM EC	0.0039	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
15A	CHECK	0.00	NA	0	0	0	0	0
16A»	IR 6396 0.42L	0.0067	LAA	9	0	22	12	3
B»	SEQUENCE 5.25E	2.30	LAA	11			7	92
17A»	IR 8116 0.42L	0.0067	LAA	9	0	18	17	7
B»	SEQUENCE 5.25E	2.30	LAA	11			5	88
18A»	IR 6396 0.42L	0.036	LAA	9	0	17	12	7
B»	SEQUENCE 5.25E	2.30	LAA	11			7	92

TITLE: Residual Mixtures for Weed Control in Soybean. C-500

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	PHBPU	AMBEL	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/12/06	06/12/06	06/12/06	06/12/06	06/20/06	06/20/06
19A»	IR 8116 0.42L	0.036	LAA 9	0	17	12	12	7	93
	B»SEQUENCE 5.25E	2.30	LAA 11						
20A»	PREFIX 5.32SL	1.58	LAA 9	0	85	8	23	0	97
	B»WEATHERMAX 4.5	0.75	LAA 13						
	C»LIQUID AMS	2.50	PMV 13						
		LSD (0.05)		0.00	5.91	8.63	8.41	5.00	4.82
		STANDARD DEVIATION		0.00	2.65	3.87	3.78	2.48	2.38

TITLE: Residual Mixtures for Weed Control in Soybean. C-500
CREATED: 05/02/2006 **REVISED:** 08/30/2006 **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	PHBPU	AMBEL	GLXMA	SETFA	PHBPU	AMBEL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/20/06	06/20/06	07/13/06	07/13/06	07/13/06
1A»	WEATHERMAX 4.5	0.75	LAA 11	33	68	0	98	63
B»	LIQUID AMS	2.50	PMV 11					92
C»	WEATHERMAX 4.5	0.75	LAA 13					
D»	LIQUID AMS	2.50	PMV 13					
2A»	WEATHERMAX 4.5	0.75	LAA 11	52	73	0	77	50
B»	IR 6396 0.42L	0.0022	LAA 11					77
C»	LIQUID AMS	2.50	PMV 11					
3A»	WEATHERMAX 4.5	0.75	LAA 11	67	78	0	77	47
B»	IR 6396 0.42L	0.0045	LAA 11					80
C»	LIQUID AMS	2.50	PMV 11					
4A»	WEATHERMAX 4.5	0.75	LAA 11	73	77	0	73	48
B»	IR 6396 0.42L	0.0067	LAA 11					73
C»	LIQUID AMS	2.50	PMV 11					
5A»	WEATHERMAX 4.5	0.75	LAA 11	77	73	0	75	33
B»	IR 8116 0.42L	0.0022	LAA 11					75
C»	LIQUID AMS	2.50	PMV 11					
6A»	WEATHERMAX 4.5	0.75	LAA 11	80	73	0	70	42
B»	IR 8116 0.42L	0.0045	LAA 11					67
C»	LIQUID AMS	2.50	PMV 11					
7A»	WEATHERMAX 4.5	0.75	LAA 11	78	78	0	72	43
B»	IR 8116 0.42L	0.0067	LAA 11					67
C»	LIQUID AMS	2.50	PMV 11					
8A»	SEQUENCE 5.25E	2.30	LAA 11	78	80	0	73	53
B»	IR 6396 0.42L	0.0067	LAA 11					68
9A»	SEQUENCE 5.25E	2.30	LAA 11	77	73	0	70	33
B»	IR 8116 0.42L	0.0067	LAA 11					60
10A»	WEATHERMAX 4.5	0.75	LAA 11	77	80	0	72	53
B	BASAGRAN 4SL	0.75	LAA 11					60
C»	IR 6396 0.42L	0.0067	LAA 11					
D»	LIQUID AMS	2.50	PMV 11					
11A»	WEATHERMAX 4.5	0.75	LAA 11	73	82	0	73	33
B	BASAGRAN 4SL	0.75	LAA 11					65
C»	IR 8116 0.42L	0.0067	LAA 11					
D»	LIQUID AMS	2.50	PMV 11					
12A»	WEATHERMAX 4.5	0.75	LAA 11	57	82	0	77	30
B	FLEXSTAR 1.88	0.176	LAA 11					73
C»	LIQUID AMS	2.50	PMV 11					
13A»	WEATHERMAX 4.5	0.75	LAA 11	77	73	0	72	37
B	RESOURCE (0.86	0.054	LAA 11					68
C»	LIQUID AMS	2.50	PMV 11					
14A»	WEATHERMAX 4.5	0.75	LAA 11	77	70	0	63	33
B	AIM EC	0.0039	LAA 11					72
C»	LIQUID AMS	2.50	PMV 11					
15A	CHECK	0.00	NA 0	0	0	0	0	0
16A»	IR 6396 0.42L	0.0067	LAA 9	37	83	0	80	72
B»	SEQUENCE 5.25E	2.30	LAA 11					77
17A»	IR 8116 0.42L	0.0067	LAA 9	37	83	0	78	60
B»	SEQUENCE 5.25E	2.30	LAA 11					80
18A»	IR 6396 0.42L	0.036	LAA 9	33	83	0	78	67
B»	SEQUENCE 5.25E	2.30	LAA 11					82

TITLE: Residual Mixtures for Weed Control in Soybean. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 06/20/06	AMBEL CON % 06/20/06	GLXMA CON % 07/13/06	SETFA CON % 07/13/06	PHBPU CON % 07/13/06	AMBEL CON % 07/13/06
19A»	IR 8116 0.42L	0.036	LAA	9	32	80	0	77	62	77
B»	SEQUENCE 5.25E	2.30	LAA	11						
20A»	PREFIX 5.32SL	1.58	LAA	9	43	84	0	90	23	82
B»	WEATHERMAX 4.5	0.75	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
LSD (0.05)					6.54	5.75	0.00	4.63	8.13	5.59
STANDARD DEVIATION					3.24	2.85	0.00	2.29	4.00	2.77

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/23/2006(1)
11 = ----- / EPOST 06/12/2006(2)
13 = ----- / LPOST 07/05/2006(3)

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 %	06/12/2006	01	P	GLXMA	14	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2006	02	P	SETFA	13	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/12/2006	03	P	PHBPU	15	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
004	AMBEL	CON %	06/12/2006	04	P	AMBEL	13	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/20/2006	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/20/2006	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/20/2006	03	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	06/20/2006	04	P	AMBEL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/13/2006	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/13/2006	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
011	PHBPU	CON %	07/13/2006	03	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	07/13/2006	04	P	AMBEL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = FS 3346RR

* STAGE CODE

13 = 3 LEAVES UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED