

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.5
%OM: 4.0
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 10 X 40 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	10	11	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/13/06	06/20/06	06/27/06	07/03/06	07/10/06	AME
AIR TEMPERATURE	74	82	75	85	86	F
% REL.HUMIDITY	30	30	82	52	36	
WIND DIRECTION	NORTHEAST	NORTHEAST	NORTH	NA/NONE/U	SOUTHWEST	
WIND SPEED	4.0	2.0	4.0	0.0	4.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	NO	NO	YES	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
SOYBEAN	---/12	---/13	---/14	---/15	---/16	
DSR 385RR	2.00/2.00	4.00/4.00	6.00/6.00	10.0/10.0	12.0/12.0	IN
05/30/2006						

* TIMING CODES

10 = ----- / VEPOST
11 = ----- / EPOST
12 = ----- / POST
13 = ----- / LPOST
14 = ----- / VLPOST

* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES

DATA MEAN

M-12N

COMPLETED: N

LOCATION: Urbana

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RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 40.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
		RATE	UNIT		CON % 07/05/06	CON % 07/05/06	CON % 07/21/06	CON % 07/21/06	CON % 08/10/06	CON % 08/10/06
	1A LORSBAN 4EC	1.00	LAA	10	13	0	4	0	4	0
	B CLASSIC 25WG	0.005	LAA	12						
	C»HARMONY GT 50W	0.0016	LAA	12						
	D»COC	1.00	PMV	12						
	2A LORSBAN 4EC	1.00	LAA	11	18	0	8	0	10	0
	B CLASSIC 25WG	0.005	LAA	12						
	C»HARMONY GT 50W	0.0016	LAA	12						
	D»COC	1.00	PMV	12						
	3A CLASSIC 25WG	0.005	LAA	12	11	0	5	0	6	0
	B»HARMONY GT 50W	0.0016	LAA	12						
	C»COC	1.00	PMV	12						
	4A CLASSIC 25WG	0.01	LAA	12	30	0	23	0	27	0
	B»HARMONY GT 50W	0.0032	LAA	12						
	C»COC	1.00	PMV	12						
	5A CLASSIC 25WG	0.005	LAA	12	62	0	62	3	43	0
	B»HARMONY GT 50W	0.0016	LAA	12						
	C LORSBAN 4EC	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	6A CLASSIC 25WG	0.01	LAA	12	73	0	73	3	63	0
	B»HARMONY GT 50W	0.0032	LAA	12						
	C LORSBAN 4EC	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	7A CHECK	0.00	NA	0	0	0	0	0	0	0
	8A CLASSIC 25WG	0.005	LAA	12	12	0	4	0	3	0
	B»HARMONY GT 50W	0.0016	LAA	12						
	C»COC	1.00	PMV	12						
	D LORSBAN 4EC	1.00	LAA	13						
	9A CLASSIC 25WG	0.005	LAA	12	19	0	10	0	8	0
	B»HARMONY GT 50W	0.0016	LAA	12						
	C»COC	1.00	PMV	12						
	D LORSBAN 4EC	1.00	LAA	14						
	10A LORSBAN 4EC	1.00	LAA	12	0	0	0	0	0	0
		LSLSD (0.05)			4.70	0.00	5.08	3.42	7.59	0.00
		STANDARD DEVIATION			2.24	0.00	2.42	1.63	3.61	0.00

TITLE: OP Interactions with Synchrony XP in STS and non-STs soybean. M-12N
CREATED: 05/03/2006 **REVISED:** 11/02/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 40.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		YIELD	YIELD
NUM	COMPONENT	RATE	UNIT TM	BU/A	BU/A
				10/25/06	10/25/06
1A	LORSBAN 4EC	1.00	LAA 10	46.8	41.8
B	CLASSIC 25WG	0.005	LAA 12		
C»	HARMONY GT 50W	0.0016	LAA 12		
D»	COC	1.00	PMV 12		
2A	LORSBAN 4EC	1.00	LAA 11	49.5	42.3
B	CLASSIC 25WG	0.005	LAA 12		
C»	HARMONY GT 50W	0.0016	LAA 12		
D»	COC	1.00	PMV 12		
3A	CLASSIC 25WG	0.005	LAA 12	48.1	43.3
B»	HARMONY GT 50W	0.0016	LAA 12		
C»	COC	1.00	PMV 12		
4A	CLASSIC 25WG	0.01	LAA 12	48.6	36.5
B»	HARMONY GT 50W	0.0032	LAA 12		
C»	COC	1.00	PMV 12		
5A	CLASSIC 25WG	0.005	LAA 12	48.5	30.7
B»	HARMONY GT 50W	0.0016	LAA 12		
C	LORSBAN 4EC	1.00	LAA 12		
D»	COC	1.00	PMV 12		
6A	CLASSIC 25WG	0.01	LAA 12	51.4	25.9
B»	HARMONY GT 50W	0.0032	LAA 12		
C	LORSBAN 4EC	1.00	LAA 12		
D»	COC	1.00	PMV 12		
7A	CHECK	0.00	NA 0	50.1	48.7
8A	CLASSIC 25WG	0.005	LAA 12	48.1	45.4
B»	HARMONY GT 50W	0.0016	LAA 12		
C»	COC	1.00	PMV 12		
D	LORSBAN 4EC	1.00	LAA 13		
9A	CLASSIC 25WG	0.005	LAA 12	51.1	43.5
B»	HARMONY GT 50W	0.0016	LAA 12		
C»	COC	1.00	PMV 12		
D	LORSBAN 4EC	1.00	LAA 14		
10A	LORSBAN 4EC	1.00	LAA 12	49.4	47.9
		LSD (0.05)		6.86	4.25
		STANDARD DEVIATION		3.26	2.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 10 = ----- / VEPOST 06/13/2006(1)
 11 = ----- / EPOST 06/20/2006(2)
 12 = ----- / POST 06/27/2006(3)
 13 = ----- / LPOST 07/03/2006(4)
 14 = ----- / VLPOST 07/10/2006(5)

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 %	07/05/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/05/2006	02	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/21/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/21/2006	02	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/10/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	08/10/2006	02	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/25/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	YIELD	BU/A	10/25/2006	02	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DSR 385RR

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

02 = DSR 3801 RRSTS