

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	13	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/07/12	06/10/12	AME
AIR TEMPERATURE	77	80	F
% REL.HUMIDITY	27	31	
WIND DIRECTION	NORTHEAST	SOUTH	
WIND SPEED	2.0	6.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
SOYBEAN	---/14	---/15	
A 3231RR	6.00/6.00	8.00/8.00	IN
05/10/2012			
*** PEST ***			
WATERHEMP, COMMO	---/19	---/19	
	1.00/5.00	2.00/6.00	IN
MORNINGGLORY, TA	---/14	---/17	
	1.00/3.00	1.00/4.00	IN
FOXTAIL, GIANT	---/16	---/17	
	2.00/6.00	3.00/6.00	IN
COCKLEBUR, COMMO	---/14	---/16	
	1.00/6.00	4.00/8.00	IN

* TIMING CODES

12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: F9324-9 and Adjuvants for Weed Control and Crop Response in Soybean. AS-200
CREATED: 04/14/2012 **REVISED:** 09/05/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMATA	XANST	PHBPU	GLXMA
		RATE	UNIT	TM	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 07/06/12
1A»	RNDUP POWERMAX	0.77	LAA	12	0	99	99	99	81	0
B»	LIQUID AMS	2.50	PMV	12						
2A»	F9324 3L	0.117	LAA	12	9	98	99	99	81	0
B»	MSO	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
3A»	F9324 3L	0.14	LAA	12	11	99	99	99	87	0
B»	MSO	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
4A»	F9324 3L	0.17	LAA	12	10	99	99	98	90	0
B»	MSO	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
5A»	F9324 3L	0.17	LAA	12	9	97	99	98	80	0
B»	COC	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
6A»	F9324 3L	0.17	LAA	12	6	97	99	99	87	0
B»	ACTIVATOR 90	0.50	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
7A	FLEXSTAR 1.88	0.235	LAA	12	6	98	99	99	83	0
B»	MSO	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
8A	COBRA 2EC	0.188	LAA	12	8	97	98	99	79	0
B»	COC	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
D	SELECT (2EC)	0.125	LAA	13						
E»	COC	1.00	PMV	13						
9A»	RNDUP POWERMAX	0.77	LAA	13	0	99	99	99	73	0
B»	LIQUID AMS	2.50	PMV	13						
10A	SELECT (2EC)	0.125	LAA	12	12	99	99	99	88	0
B»	COC	1.00	PMV	12						
C»	F9324 3L	0.14	LAA	13						
D»	MSO	1.00	PMV	13						
E»	LIQUID AMS	2.50	PMV	13						
11A	SELECT (2EC)	0.125	LAA	12	15	99	99	99	88	2
B»	COC	1.00	PMV	12						
C»	F9324 3L	0.17	LAA	13						
D»	MSO	1.00	PMV	13						
E»	LIQUID AMS	2.50	PMV	13						
12A	SELECT (2EC)	0.125	LAA	12	11	99	99	97	83	0
B»	COC	1.00	PMV	12						
C»	F9324 3L	0.17	LAA	13						
D»	COC	1.00	PMV	13						
E»	LIQUID AMS	2.50	PMV	13						

TITLE: F9324-9 and Adjuvants for Weed Control and Crop Response in Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	SETFA	AMATA	XANST	PHBPU	GLXMA
		RATE	UNIT TM	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 07/06/12
13A	SELECT (2EC)	0.125	LAA 12	11	98	97	96	72	0
	B»COC	1.00	PMV 12						
	C»F9324 3L	0.159	LAA 13						
	D»ACTIVATOR 90	0.50	PMV 13						
	E»LIQUID AMS	2.50	PMV 13						
14A	SELECT (2EC)	0.125	LAA 12	6	99	98	99	82	0
	B»COC	1.00	PMV 12						
	C FLEXSTAR 1.88	0.235	LAA 13						
	D»MSO	1.00	PMV 13						
	E»LIQUID AMS	2.50	PMV 13						
15A	SELECT (2EC)	0.125	LAA 12	8	99	99	99	89	0
	B»COC	1.00	PMV 12						
	C FLEXSTAR 1.88	0.353	LAA 13						
	D»MSO	1.00	PMV 13						
	E»LIQUID AMS	2.50	PMV 13						
16A	SELECT (2EC)	0.125	LAA 12	11	99	93	96	67	0
	B»COC	1.00	PMV 12						
	C COBRA 2EC	0.188	LAA 13						
	D»COC	1.00	PMV 13						
	E»LIQUID AMS	2.50	PMV 13						
		LSD (0.05)		2.67	1.35	2.74	2.17	10.29	1.20
		STANDARD DEVIATION		1.31	0.66	1.34	1.06	5.00	0.589

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMATA	XANST	PHBPU
		RATE	UNIT	TM	CON % 07/06/12	CON % 07/06/12	CON % 07/06/12	CON % 07/06/12
1A	RNDUP POWERMAX	0.77	LAA	12	96	98	97	92
B	LIQUID AMS	2.50	PMV	12				
2A	F9324 3L	0.117	LAA	12	98	95	95	72
B	MSO	1.00	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
3A	F9324 3L	0.14	LAA	12	98	95	93	78
B	MSO	1.00	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
4A	F9324 3L	0.17	LAA	12	99	97	92	77
B	MSO	1.00	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
5A	F9324 3L	0.17	LAA	12	99	94	83	68
B	COC	1.00	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
6A	F9324 3L	0.17	LAA	12	99	95	87	83
B	ACTIVATOR 90	0.50	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
7A	FLEXSTAR 1.88	0.235	LAA	12	99	93	96	80
B	MSO	1.00	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
8A	COBRA 2EC	0.188	LAA	12	99	99	97	73
B	COC	1.00	PMV	12				
C	LIQUID AMS	2.50	PMV	12				
D	SELECT (2EC)	0.125	LAA	13				
E	COC	1.00	PMV	13				
9A	RNDUP POWERMAX	0.77	LAA	13	99	99	99	96
B	LIQUID AMS	2.50	PMV	13				
10A	SELECT (2EC)	0.125	LAA	12	99	99	97	82
B	COC	1.00	PMV	12				
C	F9324 3L	0.14	LAA	13				
D	MSO	1.00	PMV	13				
E	LIQUID AMS	2.50	PMV	13				
11A	SELECT (2EC)	0.125	LAA	12	99	98	90	80
B	COC	1.00	PMV	12				
C	F9324 3L	0.17	LAA	13				
D	MSO	1.00	PMV	13				
E	LIQUID AMS	2.50	PMV	13				
12A	SELECT (2EC)	0.125	LAA	12	99	89	83	70
B	COC	1.00	PMV	12				
C	F9324 3L	0.17	LAA	13				
D	COC	1.00	PMV	13				
E	LIQUID AMS	2.50	PMV	13				

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TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMATA	XANST	PHBPU
		RATE	UNIT	TM	CON % 07/06/12	CON % 07/06/12	CON % 07/06/12	CON % 07/06/12
13A	SELECT (2EC)	0.125	LAA	12	99	98	80	65
	B»COC	1.00	PMV	12				
	C»F9324 3L	0.159	LAA	13				
	D»ACTIVATOR 90	0.50	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
14A	SELECT (2EC)	0.125	LAA	12	99	97	99	78
	B»COC	1.00	PMV	12				
	C FLEXSTAR 1.88	0.235	LAA	13				
	D»MSO	1.00	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
15A	SELECT (2EC)	0.125	LAA	12	99	99	99	79
	B»COC	1.00	PMV	12				
	C FLEXSTAR 1.88	0.353	LAA	13				
	D»MSO	1.00	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
16A	SELECT (2EC)	0.125	LAA	12	99	91	88	67
	B»COC	1.00	PMV	12				
	C COBRA 2EC	0.188	LAA	13				
	D»COC	1.00	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
	LSD (0.05)				0.793	7.88	7.00	12.10
	STANDARD DEVIATION				0.388	3.86	3.42	5.93

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/07/2012(1)
13 = ----- / LPOST 06/10/2012(2)

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 %	06/19/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/19/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/19/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/19/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/19/2012	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/06/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/06/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	07/06/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/06/2012	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = A 3231RR