

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
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	03	UNIT
TIMINGS	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/05/12	06/08/12	06/11/12	AME
AIR TEMPERATURE	75	80	81	F
% REL.HUMIDITY	37	23	47	
WIND DIRECTION	NORTHEAST	---	SOUTHEAST	
WIND SPEED	4.0	0.0	4.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	PARTCLDY	
DEW	NO	---	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	DRY/MOIST	
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
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	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	---/14	---/15	
A 3231RR	5.00/5.00	7.00/7.00	9.00/9.00	IN
05/11/2012				
*** PEST ***				
WATERHEMP, COMMO	---/18	---/19	---/19	
	1.00/4.00	1.00/6.00	2.00/6.00	IN
MORNINGGLORY, TA	---/15	---/19	---/19	
	1.00/3.00	1.00/5.00	1.00/6.00	IN
FOXTAIL, GIANT	---/15	---/16	---/17	
	1.00/5.00	2.00/8.00	2.00/10.0	IN
COCKLEBUR, COMMO	---/14	---/16	---/18	
	1.00/6.00	2.00/10.0	2.00/12.0	IN

* TIMING CODES

11 = ----- / EPOST
12 = ----- / POST
13 = ----- / LPOST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH 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
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: F9324-9 with Glyphosate for Weed Control and Crop Response in Soybean. AS-400
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	TREATMENT	DOSAGE	GLXMA	SETFA	AMATA	XANST	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %
				06/16/12	06/16/12	06/16/12	06/16/12	06/25/12
1A»	RNDUP POWERMAX	0.77	LAA 12	0	99	99	99	90
B»	LIQUID AMS	2.50	PMV 12					
2A»	F9324 3L	0.117	LAA 12	12	99	99	99	94
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	LIQUID AMS	2.50	PMV 12					
3A»	F9324 3L	0.14	LAA 12	11	99	99	99	96
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	LIQUID AMS	2.50	PMV 12					
4A»	F9324 3L	0.17	LAA 12	12	99	99	99	95
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	LIQUID AMS	2.50	PMV 12					
5A	FLEXSTAR 1.88	0.235	LAA 12	10	99	99	99	90
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	LIQUID AMS	2.50	PMV 12					
6A	COBRA 2EC	0.188	LAA 12	17	99	99	99	95
B»	RNDUP POWERMAX	0.77	LAA 12					
C»	LIQUID AMS	2.50	PMV 12					
7A»	RNDUP POWERMAX	0.77	LAA 13	0	95	98	97	70
B»	LIQUID AMS	2.50	PMV 13					
8A»	F9324 3L	0.14	LAA 13	7	99	99	99	85
B»	RNDUP POWERMAX	0.77	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
9A»	F9324 3L	0.17	LAA 13	12	99	99	99	93
B»	RNDUP POWERMAX	0.77	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
10A	FLEXSTAR 1.88	0.235	LAA 13	7	99	99	99	85
B»	RNDUP POWERMAX	0.77	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
11A	FLEXSTAR 1.88	0.353	LAA 13	12	99	99	99	84
B»	RNDUP POWERMAX	0.77	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
12A	COBRA 2EC	0.188	LAA 13	20	99	99	99	86
B»	RNDUP POWERMAX	0.77	LAA 13					
C»	LIQUID AMS	2.50	PMV 13					
13A»	CHA-044 5.25L	1.31	LAA 11	22	99	99	99	98
B»	GLYFOS EXTRA 3	0.75	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
14A»	CHA-044 5.25L	1.64	LAA 11	21	99	99	99	98
B»	GLYFOS EXTRA 3	0.75	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
15A»	RHYTHM 1.88L	0.375	LAA 11	13	99	99	99	96
B»	GLYFOS EXTRA 3	0.75	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
16A»	DAWN 2L	0.375	LAA 11	10	99	99	99	97
B»	GLYFOS EXTRA 3	0.75	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
17A»	PREFIX 5.32SL	1.32	LAA 11	20	99	99	99	98
B»	GLYFOS EXTRA 3	0.75	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					

TITLE: F9324-9 with Glyphosate for Weed Control and Crop Response in Soybean. AS-400

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	XANST	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/16/12	06/16/12	06/16/12	06/16/12	06/16/12	06/25/12
18A»	PREFIX 5.32SL	1.65	LAA 11	26	99	99	99	98	4
	B»GLYFOS EXTRA 3	0.75	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
19A	CHECK	0.00	NA 0	0	0	0	0	0	0
20A	ULTRA BLAZER	0.31	LAA 11	26	99	99	99	99	5
	B»GLYFOS EXTRA 3	0.75	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
		LSL (0.05)		5.12	0.738	0.426	0.738	4.10	4.34
		STANDARD DEVIATION		2.53	0.365	0.211	0.365	2.00	2.15

TITLE: F9324-9 with Glyphosate for Weed Control and Crop Response in Soybean. AS-400
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	TREATMENT	DOSAGE	SETFA	AMATA	XANST	PHBPU	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/25/12	06/25/12	06/25/12	07/06/12
1A»	RNDUP POWERMAX	0.77	LAA	12	97	99	99	91
B»	LIQUID AMS	2.50	PMV	12				0
								95
2A»	F9324 3L	0.117	LAA	12	98	98	99	89
B»	RNDUP POWERMAX	0.77	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				97
3A»	F9324 3L	0.14	LAA	12	98	98	99	92
B»	RNDUP POWERMAX	0.77	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				98
4A»	F9324 3L	0.17	LAA	12	99	99	99	90
B»	RNDUP POWERMAX	0.77	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				97
5A	FLEXSTAR 1.88	0.235	LAA	12	99	99	99	92
B»	RNDUP POWERMAX	0.77	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				98
6A	COBRA 2EC	0.188	LAA	12	99	99	99	96
B»	RNDUP POWERMAX	0.77	LAA	12				0
C»	LIQUID AMS	2.50	PMV	12				97
7A»	RNDUP POWERMAX	0.77	LAA	13	98	98	99	78
B»	LIQUID AMS	2.50	PMV	13				0
								98
8A»	F9324 3L	0.14	LAA	13	98	99	99	86
B»	RNDUP POWERMAX	0.77	LAA	13				0
C»	LIQUID AMS	2.50	PMV	13				99
9A»	F9324 3L	0.17	LAA	13	98	99	99	92
B»	RNDUP POWERMAX	0.77	LAA	13				0
C»	LIQUID AMS	2.50	PMV	13				98
10A	FLEXSTAR 1.88	0.235	LAA	13	99	99	99	92
B»	RNDUP POWERMAX	0.77	LAA	13				0
C»	LIQUID AMS	2.50	PMV	13				99
11A	FLEXSTAR 1.88	0.353	LAA	13	98	99	99	87
B»	RNDUP POWERMAX	0.77	LAA	13				1
C»	LIQUID AMS	2.50	PMV	13				98
12A	COBRA 2EC	0.188	LAA	13	99	99	99	92
B»	RNDUP POWERMAX	0.77	LAA	13				4
C»	LIQUID AMS	2.50	PMV	13				99
13A»	CHA-044 5.25L	1.31	LAA	11	96	99	95	93
B»	GLYFOS EXTRA 3	0.75	LAA	11				0
C»	LIQUID AMS	2.50	PMV	11				91
14A»	CHA-044 5.25L	1.64	LAA	11	95	99	98	93
B»	GLYFOS EXTRA 3	0.75	LAA	11				0
C»	LIQUID AMS	2.50	PMV	11				89
15A»	RHYTHM 1.88L	0.375	LAA	11	89	97	98	91
B»	GLYFOS EXTRA 3	0.75	LAA	11				0
C»	LIQUID AMS	2.50	PMV	11				88
16A»	DAWN 2L	0.375	LAA	11	93	98	98	89
B»	GLYFOS EXTRA 3	0.75	LAA	11				0
C»	LIQUID AMS	2.50	PMV	11				89
17A»	PREFIX 5.32SL	1.32	LAA	11	98	99	98	93
B»	GLYFOS EXTRA 3	0.75	LAA	11				0
C»	LIQUID AMS	2.50	PMV	11				91

TITLE: F9324-9 with Glyphosate for Weed Control and Crop Response in Soybean. AS-400

TRT	TREATMENT	DOSAGE	SETFA	AMATA	XANST	PHBPU	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	06/25/12	06/25/12	06/25/12	06/25/12	07/06/12
18A	PREFIX 5.32SL	1.65	LAA 11	98	99	96	95	0
	B»GLYFOS EXTRA 3	0.75	LAA 11					94
	C»LIQUID AMS	2.50	PMV 11					
19A	CHECK	0.00	NA 0	0	0	0	0	0
20A	ULTRA BLAZER	0.31	LAA 11	92	99	98	94	0
	B»GLYFOS EXTRA 3	0.75	LAA 11					84
	C»LIQUID AMS	2.50	PMV 11					
		LSL (0.05)		3.81	1.19	2.35	5.00	0.618
		STANDARD DEVIATION		1.89	0.589	1.16	2.45	0.306

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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	TREATMENT	DOSAGE		AMATA	XANST	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %
				07/06/12	07/06/12	07/06/12
1A»	RNDUP POWERMAX	0.77	LAA 12	95	98	95
B»	LIQUID AMS	2.50	PMV 12			
2A»	F9324 3L	0.117	LAA 12	97	99	89
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
3A»	F9324 3L	0.14	LAA 12	97	99	94
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
4A»	F9324 3L	0.17	LAA 12	96	99	92
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
5A	FLEXSTAR 1.88	0.235	LAA 12	98	99	90
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
6A	COBRA 2EC	0.188	LAA 12	98	99	93
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
7A»	RNDUP POWERMAX	0.77	LAA 13	98	99	94
B»	LIQUID AMS	2.50	PMV 13			
8A»	F9324 3L	0.14	LAA 13	99	99	90
B»	RNDUP POWERMAX	0.77	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
9A»	F9324 3L	0.17	LAA 13	99	99	93
B»	RNDUP POWERMAX	0.77	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
10A	FLEXSTAR 1.88	0.235	LAA 13	99	99	93
B»	RNDUP POWERMAX	0.77	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
11A	FLEXSTAR 1.88	0.353	LAA 13	98	99	85
B»	RNDUP POWERMAX	0.77	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
12A	COBRA 2EC	0.188	LAA 13	99	99	89
B»	RNDUP POWERMAX	0.77	LAA 13			
C»	LIQUID AMS	2.50	PMV 13			
13A»	CHA-044 5.25L	1.31	LAA 11	97	88	90
B»	GLYFOS EXTRA 3	0.75	LAA 11			
C»	LIQUID AMS	2.50	PMV 11			
14A»	CHA-044 5.25L	1.64	LAA 11	98	86	91
B»	GLYFOS EXTRA 3	0.75	LAA 11			
C»	LIQUID AMS	2.50	PMV 11			
15A»	RHYTHM 1.88L	0.375	LAA 11	98	90	90
B»	GLYFOS EXTRA 3	0.75	LAA 11			
C»	LIQUID AMS	2.50	PMV 11			
16A»	DAWN 2L	0.375	LAA 11	96	95	85
B»	GLYFOS EXTRA 3	0.75	LAA 11			
C»	LIQUID AMS	2.50	PMV 11			
17A»	PREFIX 5.32SL	1.32	LAA 11	97	90	89
B»	GLYFOS EXTRA 3	0.75	LAA 11			
C»	LIQUID AMS	2.50	PMV 11			

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TRT	TREATMENT	DOSAGE			AMATA	XANST	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %
					07/06/12	07/06/12	07/06/12
18A	»PREFIX 5.32SL	1.65	LAA	11	98	84	91
	B»GLYFOS EXTRA 3	0.75	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
19A	CHECK	0.00	NA	0	0	0	0
20A	ULTRA BLAZER	0.31	LAA	11	93	86	89
	B»GLYFOS EXTRA 3	0.75	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
		LSD (0.05)			3.93	9.45	5.86
		STANDARD DEVIATION			1.94	4.67	2.90

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/05/2012(1)
 12 = ----- / POST 06/08/2012(2)
 13 = ----- / LPOST 06/11/2012(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 %	06/16/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/16/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/16/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/16/2012	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/25/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/25/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/25/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	06/25/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/25/2012	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	07/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/06/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/06/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/06/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	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