

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/18/12	06/14/12	06/22/12	AME
AIR TEMPERATURE	76	83	80	F
% REL.HUMIDITY	26	34	65	
WIND DIRECTION	SOUTHEAST	SOUTHWEST	---	
WIND SPEED	4.0	6.0	0.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	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	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	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	
A 3231RR		8.00/8.00	12.0/12.0	IN
05/17/2012				
*** PEST ***				
WATERHEMP, COMMO		---/19	---/19	
		1.00/6.00	2.00/12.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST

* STAGE CODE

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

TITLE: Timing of Residual Herbicides for Control of Gly. Resis. WH in Soybean. DOCO
CREATED: 04/28/2012 **REVISED:** 09/11/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Douglas Co **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/06/12	CON % 06/06/12	CON % 06/20/12	CON % 06/20/12	CON % 06/30/12	CON % 06/30/12
1A	PREFIX 5.32SL	1.33	LAA	9	0	99	0	88	0	87
B	RNDUP POWERMAX	0.77	LAA	12						
C	WARRANT 3L	1.125	LAA	12						
D	N-PAK AMS	2.50	PMV	12						
2A	TOUCHDN TOTAL	0.78	LAA	11	C	C	14	86	9	73
B	PREFIX 5.32SL	1.33	LAA	11						
C	N-PAK AMS	2.50	PMV	11						
3A	BOUNDARY 6.5EC	1.42	LAA	9	0	96	0	78	11	91
B	FLEXSTAR GT 3.	1.53	LAA	12						
C	MSO	1.00	PMV	12						
D	N-PAK AMS	2.50	PMV	12						
4A	BOUNDARY 6.5EC	1.42	LAA	9	1	93	0	82	2	87
B	FLEXSTAR GT 3.	1.53	LAA	12						
C	WARRANT 3L	1.125	LAA	12						
D	MSO	1.00	PMV	12						
E	N-PAK AMS	2.50	PMV	12						
5A	RNDUP POWERMAX	0.77	LAA	11	C	C	11	93	3	85
B	COBRA 2EC	0.125	LAA	11						
C	N-PAK AMS	2.50	PMV	11						
6A	RNDUP POWERMAX	0.77	LAA	11	C	C	10	94	4	94
B	COBRA 2EC	0.125	LAA	11						
C	WARRANT 3L	1.125	LAA	11						
D	N-PAK AMS	2.50	PMV	11						
7A	VALOR SX 51WDG	0.064	LAA	9	4	96	7	98	3	96
B	RNDUP POWERMAX	0.77	LAA	11						
C	COBRA 2EC	0.125	LAA	11						
D	N-PAK AMS	2.50	PMV	11						
8A	OPTILL PRO	0.00	LAA	0	0	96	0	90	9	88
B	OPTILL 68WG	0.085	LAA	9						
C	OUTLOOK 6EC	0.47	LAA	9						
D	RNDUP POWERMAX	0.77	LAA	12						
E	ULTRA BLAZER	0.313	LAA	12						
F	ZIDUA 85WG	0.106	LAA	12						
G	N-PAK AMS	2.50	PMV	12						
9A	PROWL H2O 3.8	0.95	LAA	9	0	75	0	47	10	80
B	TOUCHDN TOTAL	0.78	LAA	12						
C	PREFIX 5.32SL	1.33	LAA	12						
D	N-PAK AMS	2.50	PMV	12						
10A	RNDUP POWERMAX	0.77	LAA	11	C	C	15	94	10	91
B	COBRA 2EC	0.125	LAA	11						
C	OUTLOOK 6EC	0.656	LAA	11						
D	N-PAK AMS	2.50	PMV	11						
11A	AUTHORITY XL 7	0.175	LAA	9	0	97	0	78	9	86
B	FLEXSTAR GT 3.	1.23	LAA	12						
C	MSO	1.00	PMV	12						
D	N-PAK AMS	2.50	PMV	12						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	FLEXSTAR 1.88	0.31	LAA	11	C	C	17	95	10	89
B	SEQUENCE 5.25	1.97	LAA	11						
C	MSO	1.00	PMV	11						
14A	ENLITE 47.86WG	0.084	LAA	0	10	99	1	97	11	98
B	CLASSIC 25WG	0.005	LAA	9						
C	HARMONY 50SG	0.0155	LAA	9						
D	VALOR SX 51WDG	0.0635	LAA	9						
E	ABUNDIT EXTRA	0.77	LAA	12						
F	COBRA 2EC	0.125	LAA	12						

TITLE: Timing of Residual Herbicides for Control of Gly. Resis. WH in Soybean. DOCO

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT TM	CON % 06/06/12	CON % 06/06/12	CON % 06/20/12	CON % 06/20/12	CON % 06/30/12	CON % 06/30/12
G	CINCH	0.96	LAA 12						
H»N-PAK	AMS	2.50	PMV 12						
	LSD (0.05)			2.80	13.72	2.70	6.32	1.41	7.80
	STANDARD DEVIATION			1.36	6.67	1.31	3.08	0.687	3.80

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PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA
		RATE	UNIT	TM	CON % 07/06/12	CON % 07/06/12
1A	PREFIX 5.32SL	1.33	LAA	9	0	86
B	RNDUP POWERMAX	0.77	LAA	12		
C	WARRANT 3L	1.125	LAA	12		
D	N-PAK AMS	2.50	PMV	12		
2A	TOUCHDN TOTAL	0.78	LAA	11	1	70
B	PREFIX 5.32SL	1.33	LAA	11		
C	N-PAK AMS	2.50	PMV	11		
3A	BOUNDARY 6.5EC	1.42	LAA	9	2	91
B	FLEXSTAR GT 3.	1.53	LAA	12		
C	MSO	1.00	PMV	12		
D	N-PAK AMS	2.50	PMV	12		
4A	BOUNDARY 6.5EC	1.42	LAA	9	0	87
B	FLEXSTAR GT 3.	1.53	LAA	12		
C	WARRANT 3L	1.125	LAA	12		
D	MSO	1.00	PMV	12		
E	N-PAK AMS	2.50	PMV	12		
5A	RNDUP POWERMAX	0.77	LAA	11	0	87
B	COBRA 2EC	0.125	LAA	11		
C	N-PAK AMS	2.50	PMV	11		
6A	RNDUP POWERMAX	0.77	LAA	11	1	94
B	COBRA 2EC	0.125	LAA	11		
C	WARRANT 3L	1.125	LAA	11		
D	N-PAK AMS	2.50	PMV	11		
7A	VALOR SX 51WDG	0.064	LAA	9	1	97
B	RNDUP POWERMAX	0.77	LAA	11		
C	COBRA 2EC	0.125	LAA	11		
D	N-PAK AMS	2.50	PMV	11		
8A	OPTILL PRO	0.00	LAA	0	2	90
B	OPTILL 68WG	0.085	LAA	9		
C	OUTLOOK 6EC	0.47	LAA	9		
D	RNDUP POWERMAX	0.77	LAA	12		
E	ULTRA BLAZER	0.313	LAA	12		
F	ZIDUA 85WG	0.106	LAA	12		
G	N-PAK AMS	2.50	PMV	12		
9A	PROWL H2O 3.8	0.95	LAA	9	3	79
B	TOUCHDN TOTAL	0.78	LAA	12		
C	PREFIX 5.32SL	1.33	LAA	12		
D	N-PAK AMS	2.50	PMV	12		
10A	RNDUP POWERMAX	0.77	LAA	11	1	91
B	COBRA 2EC	0.125	LAA	11		
C	OUTLOOK 6EC	0.656	LAA	11		
D	N-PAK AMS	2.50	PMV	11		
11A	AUTHORITY XL 7	0.175	LAA	9	2	83
B	FLEXSTAR GT 3.	1.23	LAA	12		
C	MSO	1.00	PMV	12		
D	N-PAK AMS	2.50	PMV	12		
12A	CHECK	0.00	NA	0	0	0
13A	FLEXSTAR 1.88	0.31	LAA	11	2	89
B	SEQUENCE 5.25	1.97	LAA	11		
C	MSO	1.00	PMV	11		
14A	ENLITE 47.86WG	0.084	LAA	0	3	99
B	CLASSIC 25WG	0.005	LAA	9		
C	HARMONY 50SG	0.0155	LAA	9		
D	VALOR SX 51WDG	0.0635	LAA	9		
E	ABUNDIT EXTRA	0.77	LAA	12		
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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT UNIT	GLXMA CON %	AMATA CON %
G CINCH	0.96	LAA 12		
H»N-PAK AMS	2.50	PMV 12		
	LSD (0.05)		1.15	8.94
	STANDARD DEVIATION		0.56	4.35

>> = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/18/2012(1)
11 = ----- / EPOST 06/14/2012(2)
12 = ----- / POST 06/22/2012(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	06/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/06/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/20/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/20/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/30/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/30/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/06/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR