

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	UNIT
TIMINGS	11	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/14/12	06/22/12	AME
AIR TEMPERATURE	83	80	F
% REL.HUMIDITY	34	66	
WIND DIRECTION	SOUTHWEST	---	
WIND SPEED	6.0	0.0	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	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
SOYBEAN	---/15	---/17	
A 3231RR	8.00/8.00	12.0/12.0	IN
05/17/2012			
*** PEST ***			
WATERHEMP, COMMO	---/19	---/19	
	2.00/8.00	2.00/14.0	IN

* TIMING CODES

11 = ----- / EPOST
 12 = ----- / POST

* STAGE CODE

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

TITLE: Valent Postemergence Combos and Timings for Control of Gly. Resis. WH in Soybean.
DOCO

CREATED: 04/29/2012 **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 % 06/20/12	CON % 06/20/12	CON % 06/30/12	CON % 06/30/12	CON % 07/06/12	CON % 07/06/12
1A	RNDUP POWERMAX	0.77	LAA	11	0	43	0	63	1	60
	B»N-PAK AMS	2.50	PMV	11						
2A	COBRA 2EC	0.125	LAA	11	14	85	6	75	3	70
	B»COC	0.63	PMV	11						
	C»N-PAK AMS	2.50	PMV	11						
3A	COBRA 2EC	0.156	LAA	11	18	96	9	87	3	86
	B»COC	0.63	PMV	11						
	C»N-PAK AMS	2.50	PMV	11						
4A	COBRA 2EC	0.188	LAA	11	17	93	7	81	3	77
	B»COC	0.63	PMV	11						
	C»N-PAK AMS	2.50	PMV	11						
5A	COBRA 2EC	0.156	LAA	11	20	95	7	88	3	85
	B»V-10206 85 WG	0.08	LAA	11						
	C»COC	0.63	PMV	11						
	D»N-PAK AMS	2.50	PMV	11						
6A	COBRA 2EC	0.188	LAA	11	27	95	10	87	5	86
	B»V-10206 85 WG	0.096	LAA	11						
	C»COC	0.63	PMV	11						
	D»N-PAK AMS	2.50	PMV	11						
7A	PREFIX 5.32SL	0.99	LAA	11	10	81	6	62	3	55
	B»COC	0.63	PMV	11						
8A	COBRA 2EC	0.156	LAA	11	18	90	9	81	3	74
	B»RESOURCE	0.027	LAA	11						
	C»COC	0.63	PMV	11						
9A	FLEXSTAR 1.88	0.305	LAA	11	7	88	3	78	2	76
	B»COC	1.00	PMV	11						
	C»N-PAK AMS	2.50	PMV	11						
10A	RNDUP POWERMAX	0.77	LAA	11	20	86	6	77	2	74
	B COBRA 2EC	0.156	LAA	11						
	C»COC	1.00	PMV	11						
	D»N-PAK AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	COBRA 2EC	0.156	LAA	12	C	C	16	71	12	65
	B»COC	0.63	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
13A	COBRA 2EC	0.188	LAA	12	C	C	13	72	11	55
	B»COC	0.63	PMV	12						
	C»N-PAK AMS	2.50	PMV	12						
14A	COBRA 2EC	0.156	LAA	12	C	C	15	72	11	58
	B»V-10206 85 WG	0.08	LAA	12						
	C»COC	0.63	PMV	12						
	D»N-PAK AMS	2.50	PMV	12						
15A	COBRA 2EC	0.188	LAA	12	C	C	15	73	11	63
	B»V-10206 85 WG	0.096	LAA	12						
	C»COC	0.63	PMV	12						
	D»N-PAK AMS	2.50	PMV	12						
16A	PREFIX 5.32SL	0.99	LAA	12	C	C	9	71	9	47
	B»COC	0.63	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/20/12	CON % 06/20/12	CON % 06/30/12	CON % 06/30/12	CON % 07/06/12	CON % 07/06/12
17A	COBRA 2EC	0.156	LAA	12	C	C	18	70	12	52
	B»RESOURCE	0.027	LAA	12						
	C»COC	0.63	PMV	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»N-PAK AMS	2.50	PMV	12						
18A	COBRA 2EC	0.188	LAA	12	C	C	20	67	11	53
	B»RESOURCE	0.04	LAA	12						
	C»COC	0.63	PMV	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»N-PAK AMS	2.50	PMV	12						
LSD (0.05)					3.18	4.06	2.78	6.43	2.11	10.56
STANDARD DEVIATION					1.57	2.00	1.37	3.18	1.00	5.22

>> = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
11 = ----- / EPOST 06/14/2012(1)
12 = ----- / POST 06/22/2012(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 %	06/20/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/20/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/30/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/30/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/06/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	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