

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	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/08/12	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	24	
WIND DIRECTION	---	
WIND SPEED	0.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/14	
A 3231RR	7.00/7.00	IN
05/11/2012		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	2.00/8.00	IN
MORNINGGLORY, TA	---/18	
	1.00/5.00	IN
FOXTAIL, GIANT	---/16	
	2.00/8.00	IN
COCKLEBUR, COMMO	---/16	
	2.00/10.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 16 = 6 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: MANA Post Broadleaf Mixes for Weed Control in Soybean. AS-400
CREATED: 05/03/2012 **REVISED:** 08/22/2012 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/14/12	GLXMA CON % 06/22/12	SETFA CON % 06/22/12	AMATA CON % 06/22/12	XANST CON % 06/22/12	PHBPU CON % 06/22/12
1A»MAN 14201 1.9L	0.238	LAA	12	4	4	99	99	78	77
B»ACTIVATOR 90	0.25	PMV	12						
2A»MAN 14201 1.9L	0.38	LAA	12	11	6	99	99	91	80
B»ACTIVATOR 90	0.25	PMV	12						
3A FLEXSTAR 1.88	0.235	LAA	12	12	5	99	99	78	82
B»ACTIVATOR 90	0.25	PMV	12						
4A FLEXSTAR 1.88	0.38	LAA	12	13	6	99	99	95	87
B»ACTIVATOR 90	0.25	PMV	12						
5A CHECK	0.00	NA	0	0	0	0	0	0	0
6A»MAN 14204 5.4L	1.35	LAA	12	10	6	99	99	80	74
B»ACTIVATOR 90	0.25	PMV	12						
7A»MAN 14204 5.4L	1.57	LAA	12	13	9	99	99	98	80
B»ACTIVATOR 90	0.25	PMV	12						
8A»PREFIX 5.32SL	1.55	LAA	12	13	8	99	99	91	78
B»ACTIVATOR 90	0.25	PMV	12						
9A»MAN 25311 5.25	0.98	LAA	12	6	5	99	67	99	85
B»ACTIVATOR 90	0.25	PMV	12						
10A»MAN 25311 5.25	1.31	LAA	12	5	5	99	67	99	88
B»ACTIVATOR 90	0.25	PMV	12						
11A»MAN 25350 2.5L	0.234	LAA	12	3	4	99	99	99	84
B»ACTIVATOR 90	0.25	PMV	12						
12A»MAN 25350 2.5L	0.313	LAA	12	7	5	99	99	99	88
B»ACTIVATOR 90	0.25	PMV	12						
13A»WARRANT 3L	0.84	LAA	12	11	6	99	99	88	79
B FLEXSTAR 1.88	0.38	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
14A PURSUIT 2SL	0.063	LAA	12	6	6	99	62	99	91
B»COC	1.00	PMV	12						
C»LIQUID AMS	2.50	PMV	12						
15A»RNDUP POWERMAX	0.77	LAA	12	0	0	99	99	99	97
B»LIQUID AMS	2.50	PMV	12						
16A»FLEXSTAR GT 3.	1.23	LAA	12	13	5	99	99	99	97
B»MSO	1.00	PMV	12						
C»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				3.87	2.81	0.00	2.90	12.81	9.91
STANDARD DEVIATION				1.89	1.38	0.00	1.42	6.27	4.85

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PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT TM	GLXMA CON % 07/06/12	SETFA CON % 07/06/12	AMATA CON % 07/06/12	XANST CON % 07/06/12	PHBPU CON % 07/06/12
1A»MAN 14201 1.9L	0.238 LAA 12	0	99	95	85	77
B»ACTIVATOR 90	0.25 PMV 12					
2A»MAN 14201 1.9L	0.38 LAA 12	0	99	98	88	78
B»ACTIVATOR 90	0.25 PMV 12					
3A FLEXSTAR 1.88	0.235 LAA 12	0	99	97	86	81
B»ACTIVATOR 90	0.25 PMV 12					
4A FLEXSTAR 1.88	0.38 LAA 12	0	99	99	98	78
B»ACTIVATOR 90	0.25 PMV 12					
5A CHECK	0.00 NA 0	0	0	0	0	0
6A»MAN 14204 5.4L	1.35 LAA 12	0	99	97	82	72
B»ACTIVATOR 90	0.25 PMV 12					
7A»MAN 14204 5.4L	1.57 LAA 12	0	99	98	86	72
B»ACTIVATOR 90	0.25 PMV 12					
8A»PREFIX 5.32SL	1.55 LAA 12	0	99	97	87	68
B»ACTIVATOR 90	0.25 PMV 12					
9A»MAN 25311 5.25	0.98 LAA 12	0	99	73	98	89
B»ACTIVATOR 90	0.25 PMV 12					
10A»MAN 25311 5.25	1.31 LAA 12	0	97	60	99	88
B»ACTIVATOR 90	0.25 PMV 12					
11A»MAN 25350 2.5L	0.234 LAA 12	0	97	96	98	67
B»ACTIVATOR 90	0.25 PMV 12					
12A»MAN 25350 2.5L	0.313 LAA 12	0	99	98	99	75
B»ACTIVATOR 90	0.25 PMV 12					
13A»WARRANT 3L	0.84 LAA 12	0	99	99	94	78
B FLEXSTAR 1.88	0.38 LAA 12					
C»ACTIVATOR 90	0.25 PMV 12					
14A PURSUIT 2SL	0.063 LAA 12	0	99	63	99	94
B»COC	1.00 PMV 12					
C»LIQUID AMS	2.50 PMV 12					
15A»RNDUP POWERMAX	0.77 LAA 12	0	99	99	99	96
B»LIQUID AMS	2.50 PMV 12					
16A»FLEXSTAR GT 3.	1.23 LAA 12	0	99	99	99	98
B»MSO	1.00 PMV 12					
C»LIQUID AMS	2.50 PMV 12					
LSD (0.05)		0.00	1.19	13.60	12.59	10.88
STANDARD DEVIATION		0.00	0.581	6.66	6.17	5.33

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/08/2012(1)

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 %	06/14/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/22/2012	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/22/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C. M	CTR	SS	NOTE
004	AMATA	CON %	06/22/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	06/22/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/22/2012	05	P	PHBPU		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	SETFA	CON %	07/06/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/06/2012	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	XANST	CON %	07/06/2012	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	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