

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	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/24/11	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	65	
WIND DIRECTION	WEST	
WIND SPEED	5.0	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	---/01	
A 3431RR	/	IN
05/23/2011		

*** TIMING CODES**

09 = ----- / PREEMERGENCE

*** STAGE CODE**

01 = BEGINNING OF SEED IMBIBITION

TITLE: Alert Combinations for Weed Control in RR Soybean. AS-100
CREATED: 04/26/2011 **REVISED:** 09/02/2011 **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	CHEAL	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/14/11	06/14/11	06/14/11	06/14/11	06/14/11	06/14/11
1A»	ALERT 3L	0.50	LAA 9	0	83	48	72	85	22
2A»	ALERT 3L	0.75	LAA 9	0	88	60	78	95	25
3A»	ALERT 3L	1.00	LAA 9	0	96	83	93	99	33
4A»	ALERT 3L	0.50	LAA 9	0	94	98	99	99	43
B»	DAWN 2L	0.25	LAA 9						
5A»	ALERT 3L	0.50	LAA 9	0	96	99	99	99	47
B»	DAWN 2L	0.375	LAA 9						
6A»	ALERT 3L	0.75	LAA 9	0	97	99	99	99	52
B»	DAWN 2L	0.25	LAA 9						
7A»	ALERT 3L	0.75	LAA 9	0	98	99	99	99	58
B»	DAWN 2L	0.375	LAA 9						
8A	DUAL MAGNUM	1.00	LAA 9	0	94	93	94	25	0
9A»	PREFIX 5.32SL	1.68	LAA 9	0	93	99	99	75	33
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A»	AUTHOR. FIRST	0.26	LAA 9	0	73	99	99	99	93
12A	DUAL MAGNUM	1.59	LAA 9	0	99	99	99	99	95
B»	AUTHORITY XL 7	0.26	LAA 9						
LSD (0.05)				0.00	4.18	10.16	7.91	7.80	8.84
STANDARD DEVIATION				0.00	2.00	4.90	3.81	3.76	4.26

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	XANST CON % 06/14/11	GLXMA CON % 06/30/11	SETFA CON % 06/30/11	AMATA CON % 06/30/11	CHEAL CON % 06/30/11	ABUTH CON % 06/30/11
1A»ALERT 3L	0.50	LAA	9	30	0	60	47	60	63
2A»ALERT 3L	0.75	LAA	9	38	0	81	57	68	63
3A»ALERT 3L	1.00	LAA	9	50	0	96	68	85	88
4A»ALERT 3L	0.50	LAA	9	43	0	79	94	99	94
B»DAWN 2L	0.25	LAA	9						
5A»ALERT 3L	0.50	LAA	9	47	0	83	97	99	98
B»DAWN 2L	0.375	LAA	9						
6A»ALERT 3L	0.75	LAA	9	55	0	90	99	99	93
B»DAWN 2L	0.25	LAA	9						
7A»ALERT 3L	0.75	LAA	9	58	0	97	99	99	93
B»DAWN 2L	0.375	LAA	9						
8A DUAL MAGNUM	1.00	LAA	9	0	0	84	88	94	27
9A»PREFIX 5.32SL	1.68	LAA	9	40	0	86	95	98	40
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»AUTHOR. FIRST	0.26	LAA	9	94	0	33	88	98	88
12A DUAL MAGNUM	1.59	LAA	9	92	0	95	99	99	96
B»AUTHORITY XL 7	0.26	LAA	9						
LSD (0.05)				10.20	0.00	7.22	8.83	8.78	10.00
STANDARD DEVIATION				4.92	0.00	3.48	4.26	4.23	4.84

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REPS: 03

TRT	TREATMENT	DOSAGE	PHBPU	XANST
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	TM	06/30/11
1A»	ALERT 3L	0.50	LAA 9	17
2A»	ALERT 3L	0.75	LAA 9	13
3A»	ALERT 3L	1.00	LAA 9	35
4A»	ALERT 3L	0.50	LAA 9	45
B»	DAWN 2L	0.25	LAA 9	40
5A»	ALERT 3L	0.50	LAA 9	48
B»	DAWN 2L	0.375	LAA 9	47
6A»	ALERT 3L	0.75	LAA 9	43
B»	DAWN 2L	0.25	LAA 9	40
7A»	ALERT 3L	0.75	LAA 9	40
B»	DAWN 2L	0.375	LAA 9	40
8A	DUAL MAGNUM	1.00	LAA 9	13
9A»	PREFIX 5.32SL	1.68	LAA 9	13
10A	CHECK	0.00	NA 0	0
11A»	AUTHOR. FIRST	0.26	LAA 9	82
12A	DUAL MAGNUM	1.59	LAA 9	89
B»	AUTHORITY XL 7	0.26	LAA 9	78
LSD (0.05)				17.00
STANDARD DEVIATION				8.19
				11.69
				5.64

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/24/2011(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 %	06/14/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/14/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/14/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/14/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/14/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/14/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/14/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/30/2011	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/30/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/30/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/30/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/30/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/30/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/30/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3431RR