

## 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

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/14/03	06/20/03	AME
AIR TEMPERATURE	72	70	F
% REL. HUMIDITY	35	40	
WIND DIRECTION	SOUTHWEST	NORTHEAST	
WIND SPEED	3.0	4.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	---	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	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/13	
ASGROW 3201 RR		6.00/6.00	IN
05/14/2003			
*** PEST ***			
FOXTAIL, GIANT		---/14	
		2.00/10.0	IN
CORN, DENT		---/15	
		16.0/24.0	IN

## \* TIMING CODES

09 = ----- / PREEMERGENCE  
12 = ----- / POST

## \* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES  
14 = 4 LEAVES UNFOLDED  
15 = 5 LEAVES UNFOLDED

**TITLE:** USRRVOL VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN AS-100  
**CREATED:** 05/06/2003 **REVISED:** 11/05/2003 **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** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	ZEAMD	GLXMA	SETFA	ZEAMD
		RATE	UNIT		CON % 06/15/03	CON % 06/15/03	CON % 06/15/03	CON % 06/30/03	CON % 06/30/03	CON % 06/30/03
1A	CANOPY XL 56.3	0.24	LAA	0	0	58	53	0	27	23
B	AUTHORITY	0.20	LAA	9						
C	CLASSIC 25WG	0.04	LAA	9						
2A	COMMAND 3ME	0.75	LAA	9	0	92	27	0	63	0
3A	GAUNTLET	0.00	LAA	0	0	65	20	0	33	0
B	AUTHORITY	0.248	LAA	9						
C	FIRSTRATE 84WG	0.031	LAA	9						
4A	COMMAND XTRA	0.00	LAA	0	0	96	27	0	82	0
B	SPARTAN 4L	0.30	LAA	9						
C	COMMAND 3ME	0.60	LAA	9						
5A	DOMAIN 60DF	0.45	LAA	9	0	48	23	0	7	0
6A	PURSUIT +	0.91	LAA	9	0	87	47	0	75	0
7A	EXTREME 2.17L	0.81	LAA	12	0			0	97	52
B	ACTIVATOR 90	0.25	PMV	12						
C	LIQUID AMS	5.00	PMV	12						
8A	RAPTOR 1AS	0.031	LAA	12	0			0	30	84
B	M50	1.00	PMV	12						
C	28% UAN	2.50	PMV	12						
9A	ASSURE II (0.8	0.034	LAA	12	0			0	97	92
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
10A	ASSURE II (0.8	0.028	LAA	12	0			0	96	88
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
11A	ASSURE II (0.8	0.014	LAA	12	0			0	98	77
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
12A	POAST + 1EC	0.188	LAA	12	0			0	98	97
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
13A	FUSION	0.125	LAA	12	0			0	97	97
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
14A	FUSION	0.042	LAA	12	0			0	98	98
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
15A	SELECT (2EC)	5.00	ZMA	12	0			0	91	93
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
16A	V-10117 1.88EC	5.00	ZMA	12	0			0	98	98
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
17A	V-10137 0.94EC	10.00	ZMA	12	0			0	97	98
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
18A	V-10139 1.6EC	6.00	ZMA	12	0			0	99	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	5.00	PMV	12						
19A	V-10117 1.88EC	5.00	ZMA	12	0			0	98	99
B	ROUNDUP ORIGIN	0.75	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	5.00	PMV	12						

## TITLE: USRRVOL VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	ZEAMD	GLXMA	SETFA	ZEAMD
		RATE	UNIT	TM	CON % 06/15/03	CON % 06/15/03	CON % 06/15/03	CON % 06/30/03	CON % 06/30/03	CON % 06/30/03
20A	V-10137 0.94EC	10.00	ZMA	12	0		0	97	99	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	5.00	PMV	12						
21A	V-10139 1.6EC	6.00	ZMA	12	0		0	99	96	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	5.00	PMV	12						
22A	»ARROW 2EC	2.00	ZMA	12	0		0	96	43	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
23A	»ARROW 2EC	4.00	ZMA	12	0		0	98	97	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
24A	»ARROW 2EC	6.00	ZMA	12	0		0	99	97	
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
25A	SELECT (2EC)	2.00	ZMA	12	0		0	98	95	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»PREFERENCE	0.25	PMV	12						
	D»N-PAK AMS	2.50	PMV	12						
26A	SELECT (2EC)	2.00	ZMA	12	0		0	97	97	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»AG 01023	0.50	PMV	12						
	D»N-PAK AMS	2.50	PMV	12						
27A	SELECT (2EC)	2.00	ZMA	12	0		0	98	97	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»AG 01023	0.50	PMV	12						
	D»ALLIANCE 90	1.25	PMV	12						
28A	SELECT (2EC)	2.00	ZMA	12	0		0	98	97	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»PRIME OIL	1.00	PMV	12						
	D»N-PAK AMS	2.50	PMV	12						
29A	SELECT (2EC)	2.00	ZMA	12	0		0	80	97	
	B»ROUNDUP ORIGIN	0.75	LAA	12						
	C»DESTINY	1.00	PMV	12						
	D»N-PAK AMS	2.50	PMV	12						
30A	»WEATHERMAX 4.5	0.75	LAA	12	0		0	97	0	
	B»LIQUID AMS	5.00	PMV	12						
		LSD (0.05)			0.00	5.52	5.00	0.00	7.29	7.54
		STANDARD DEVIATION			0.00	2.76	2.50	0.00	3.64	3.77

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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	ZEAMD
		RATE	UNIT		CON % 07/12/03	CON % 07/12/03	CON % 07/12/03
1A	CANOPY XL 56.3	0.24	LAA	0	0	0	0
B	AUTHORITY	0.20	LAA	9			
C	CLASSIC 25WG	0.04	LAA	9			
2A	COMMAND 3ME	0.75	LAA	9	0	57	0
3A	GAUNTLET	0.00	LAA	0	0	27	0
B	AUTHORITY	0.248	LAA	9			
C	FIRSTRATE 84WG	0.031	LAA	9			
4A	COMMAND XTRA	0.00	LAA	0	0	68	0
B	SPARTAN 4L	0.30	LAA	9			
C	COMMAND 3ME	0.60	LAA	9			
5A	DOMAIN 60DF	0.45	LAA	9	0	0	0
6A	PURSUIT +	0.91	LAA	9	0	33	0
7A	EXTREME 2.17L	0.81	LAA	12	0	98	77
B	ACTIVATOR 90	0.25	PMV	12			
C	LIQUID AMS	5.00	PMV	12			
8A	RAPTOR 1AS	0.031	LAA	12	0	72	96
B	MISO	1.00	PMV	12			
C	28% UAN	2.50	PMV	12			
9A	ASSURE II (0.8	0.034	LAA	12	0	98	96
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
10A	ASSURE II (0.8	0.028	LAA	12	0	96	94
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
11A	ASSURE II (0.8	0.014	LAA	12	0	97	85
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
12A	POAST + 1EC	0.188	LAA	12	0	97	91
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
13A	FUSION	0.125	LAA	12	0	99	99
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
14A	FUSION	0.042	LAA	12	0	97	88
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
15A	SELECT (2EC)	5.00	ZMA	12	0	97	82
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
16A	V-10117 1.88EC	5.00	ZMA	12	0	90	92
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
17A	V-10137 0.94EC	10.00	ZMA	12	0	96	97
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
18A	V-10139 1.6EC	6.00	ZMA	12	0	98	98
B	WEATHERMAX 4.5	0.75	LAA	12			
C	LIQUID AMS	5.00	PMV	12			
19A	V-10117 1.88EC	5.00	ZMA	12	0	97	96
B	ROUNDUP ORIGIN	0.75	LAA	12			
C	ACTIVATOR 90	0.25	PMV	12			
D	LIQUID AMS	5.00	PMV	12			

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TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	ZEAMD	
		RATE	UNIT	TM	CON % 07/12/03	CON % 07/12/03	CON % 07/12/03	
20A	V-10137 0.94EC	10.00	ZMA	12	0	98	97	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>ACTIVATOR 90	0.25	PMV	12				
	D>LIQUID AMS	5.00	PMV	12				
21A	V-10139 1.6EC	6.00	ZMA	12	0	98	97	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>ACTIVATOR 90	0.25	PMV	12				
	D>LIQUID AMS	5.00	PMV	12				
22A	ARROW 2EC	2.00	ZMA	12	0	97	50	
	B>WEATHERMAX 4.5	0.75	LAA	12				
	C>LIQUID AMS	5.00	PMV	12				
23A	ARROW 2EC	4.00	ZMA	12	0	94	91	
	B>WEATHERMAX 4.5	0.75	LAA	12				
	C>LIQUID AMS	5.00	PMV	12				
24A	ARROW 2EC	6.00	ZMA	12	0	98	92	
	B>WEATHERMAX 4.5	0.75	LAA	12				
	C>LIQUID AMS	5.00	PMV	12				
25A	SELECT (2EC)	2.00	ZMA	12	0	97	88	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>PREFERENCE	0.25	PMV	12				
	D>N-PAK AMS	2.50	PMV	12				
26A	SELECT (2EC)	2.00	ZMA	12	0	97	94	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>AG 01023	0.50	PMV	12				
	D>N-PAK AMS	2.50	PMV	12				
27A	SELECT (2EC)	2.00	ZMA	12	0	98	97	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>AG 01023	0.50	PMV	12				
	D>ALLIANCE 90	1.25	PMV	12				
28A	SELECT (2EC)	2.00	ZMA	12	0	94	96	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>PRIME OIL	1.00	PMV	12				
	D>N-PAK AMS	2.50	PMV	12				
29A	SELECT (2EC)	2.00	ZMA	12	0	84	96	
	B>ROUNDUP ORIGIN	0.75	LAA	12				
	C>DESTINY	1.00	PMV	12				
	D>N-PAK AMS	2.50	PMV	12				
30A	WEATHERMAX 4.5	0.75	LAA	12	0	98	0	
	B>LIQUID AMS	5.00	PMV	12				
		LSD (0.05)			0.00	5.10	5.36	
		STANDARD DEVIATION			0.00	2.55	2.68	

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/14/2003 (1)  
 12 = ----- / POST 06/20/2003 (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 %	06/15/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/15/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/15/2003	03	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	06/30/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	06/30/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/30/2003	03	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/12/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/12/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	07/12/2003	03	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)  
01 = ASGROW 3201 RR