

## 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	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/10/01	06/12/01	AME
AIR TEMPERATURE	84	85	F
% REL.HUMIDITY	45	78	
WIND DIRECTION	SOUTHWEST	SOUTH	
WIND SPEED	15.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
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		---/12	
DEKALB CX303RR		5.00/5.00	IN
05/10/2001			
*** PEST ***			
FOXTAIL, GIANT		---/13	
		2.00/6.00	IN
CORN, DENT		---/14	
RRCORN		8.00/10.0	IN

## \* TIMING CODES

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

## \* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE  
 13 = 3 LEAVES UNFOLDED  
 14 = 4 LEAVES UNFOLDED

## DATA MEAN

**TITLE:** USRRVOL VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN AS-100  
**CREATED:** 05/07/2001 **REVISED:** 10/15/2001 **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			GLXMA	ZEAMD	SETFA	GLXMA	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/06/01	CON % 06/06/01	CON % 06/06/01	CON % 06/20/01	CON % 06/20/01	CON % 06/20/01
1A	CANOPY 75WG	0.28	LAA	9	0	30	43	0	23	33
2A»	CANOPY XL 56.3	0.24	LAA	0	0	40	82	0	23	40
	B»AUTHORITY	0.20	LAA	9						
	C CLASSIC 25WG	0.04	LAA	9						
3A»	AUTHORITY	0.188	LAA	9	0	23	50	0	23	27
4A	COMMAND 3ME	0.75	LAA	9	0	57	97	0	33	94
5A»	GAUNTLET	0.00	LAA	0	0	65	93	0	37	89
	B»AUTHORITY	0.248	LAA	9						
	C»FIRSTRATE 84WG	0.031	LAA	9						
6A»	COMMAND XTRA	0.00	LAA	0	0	33	99	0	20	96
	B»SPARTAN 4L	0.30	LAA	9						
	C COMMAND 3ME	0.60	LAA	9						
7A	PURSUIT +	0.91	LAA	9	0	63	99	0	37	96
8A»	STEEL CP	0.97	LAA	9	0	75	98	0	50	99
9A»	DOMAIN 60DF	0.45	LAA	9	0	23	91	0	17	88
10A	SCEPTER 70DG	0.063	LAA	12	0			8	93	88
	B»MSO	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
11A»	RAPTOR 1AS	0.031	LAA	12	0			13	97	97
	B»MSO	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
12A	CLASSIC 25WG	0.01	LAA	12	0			0	47	20
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
13A»	FLEXSTAR 1.88M	0.294	LAA	12	0			17	67	50
	B»MSO	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
14A»	FIRSTRATE 84WG	0.016	LAA	12	0			0	33	10
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
15A	SELECT (2EC)	0.094	LAA	12	0			0	99	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	SELECT (2EC)	0.031	LAA	12	0			0	99	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	ASSURE II (0.8	0.034	LAA	12	0			0	98	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
18A	POAST + 1EC	0.188	LAA	12	0			0	98	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
19A	FUSION	0.125	LAA	12	0			0	98	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
20A	FUSION	0.042	LAA	12	0			0	97	99
	B»RNDUP ULTRA MA	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

## DATA MEAN

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

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	GLXMA	ZEAMD	SETFA	GLXMA	ZEAMD	SETFA
	RATE	UNIT		CON %	CON %	CON %	CON %	CON %	CON %
				06/06/01	06/06/01	06/06/01	06/20/01	06/20/01	06/20/01
21A»TOUCHDOWN 3L	0.75	LAA	12	0			0	0	99
B»LIQUID AMS	2.50	PMV	12						
22A»RNDUP ULTRA MA	0.75	LAA	12	0			0	0	99
B»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)		0.00	9.68	5.81	1.77	8.00	9.29
		STANDARD DEVIATION		0.00	4.79	2.88	0.884	3.95	4.60

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**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	ZEAMD	SETFA
		RATE	UNIT		CON % 07/09/01	CON % 07/09/01	CON % 07/09/01
1A	CANOPY 75WG	0.28	LAA	9	0	27	27
2A»	CANOPY XL 56.3	0.24	LAA	0	0	20	47
B»	AUTHORITY	0.20	LAA	9			
C	CLASSIC 25WG	0.04	LAA	9			
3A»	AUTHORITY	0.188	LAA	9	0	17	27
4A	COMMAND 3ME	0.75	LAA	9	0	23	88
5A»	GAUNTLET	0.00	LAA	0	0	23	78
B»	AUTHORITY	0.248	LAA	9			
C»	FIRSTRATE 84WG	0.031	LAA	9			
6A»	COMMAND XTRA	0.00	LAA	0	0	17	94
B»	SPARTAN 4L	0.30	LAA	9			
C	COMMAND 3ME	0.60	LAA	9			
7A	PURSUIT +	0.91	LAA	9	0	27	96
8A»	STEEL CP	0.97	LAA	9	0	43	76
9A»	DOMAIN 60DF	0.45	LAA	9	0	13	87
10A	SCEPTER 70DG	0.063	LAA	12	0	99	83
B»	MISO	1.00	PMV	12			
C	28% UAN	2.50	PMV	12			
11A»	RAPTOR 1AS	0.031	LAA	12	0	99	99
B»	MISO	1.00	PMV	12			
C	28% UAN	2.50	PMV	12			
12A	CLASSIC 25WG	0.01	LAA	12	0	37	13
B»	COC	1.00	PMV	12			
C	28% UAN	2.50	PMV	12			
13A»	FLEXSTAR 1.88M	0.294	LAA	12	0	43	37
B»	MISO	1.00	PMV	12			
C	28% UAN	2.50	PMV	12			
14A»	FIRSTRATE 84WG	0.016	LAA	12	0	27	13
B»	COC	1.00	PMV	12			
C	28% UAN	2.50	PMV	12			
15A	SELECT (2EC)	0.094	LAA	12	0	99	99
B»	RNDUP ULTRA MA	0.75	LAA	12			
C»	LIQUID AMS	2.50	PMV	12			
16A	SELECT (2EC)	0.031	LAA	12	0	96	99
B»	RNDUP ULTRA MA	0.75	LAA	12			
C»	LIQUID AMS	2.50	PMV	12			
17A	ASSURE II (0.8	0.034	LAA	12	0	99	99
B»	RNDUP ULTRA MA	0.75	LAA	12			
C»	LIQUID AMS	2.50	PMV	12			
18A	POAST + 1EC	0.188	LAA	12	0	98	99
B»	RNDUP ULTRA MA	0.75	LAA	12			
C»	LIQUID AMS	2.50	PMV	12			
19A	FUSION	0.125	LAA	12	0	99	99
B»	RNDUP ULTRA MA	0.75	LAA	12			
C»	LIQUID AMS	2.50	PMV	12			
20A	FUSION	0.042	LAA	12	0	98	99
B»	RNDUP ULTRA MA	0.75	LAA	12			
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TITLE: USRRVOL VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN AS-100

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/09/01	ZEAMD CON % 07/09/01	SETFA CON % 07/09/01
21A»TOUCHDOWN 3L B»LIQUID AMS	0.75 2.50	LAA PMV	12 12	0	0	99
22A»RNDUP ULTRA MA B»LIQUID AMS	0.75 2.50	LAA PMV	12 12	0	0	99
	LSD (0.05)			0.00	8.70	15.41
	STANDARD DEVIATION			0.00	4.30	7.63

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/10/2001(1)  
 12 = ----- / POST 06/12/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
01	GLXMA	CON %	06/06/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	ZEAMD	CON %	06/06/2001	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	SETFA	CON %	06/06/2001	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	GLXMA	CON %	06/20/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	06/20/2001	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	06/20/2001	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	GLXMA	CON %	07/09/2001	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ZEAMD	CON %	07/09/2001	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	SETFA	CON %	07/09/2001	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB CX303RR  
 02 = RRCORN