

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/02/04	07/16/04	07/23/04	AME
AIR TEMPERATURE	66	78	74	F
% REL.HUMIDITY	77	63	52	
WIND DIRECTION	NORTH	WEST	NORTH	
WIND SPEED	9.9	3.2	5.5	M/H
CLOUD COVER	OVERCAST	OVERCAST	CLOUDY	
DEW	NA/UNKNOW	NO	NO	
SOIL MOISTURE	WET/WET	DRY/DRY	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	SPECIAL	SPECIAL	SPECIAL	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** PEST ***				
SOYBEAN		HGH/15	HGH/17	
ASGROW 2703 RR		10.0/12.0	13.0/15.0	IN
05/29/2004				
FOXTAIL, GIANT		HGH/14	HGH/15	
		6.00/12.0	9.00/15.0	IN
CORN, VOLUNTEER,		MED/37	MED/38	
05/29/2004		18.0/24.0	22.0/27.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 37 = 7 NODES DETECTABLE
 38 = 8 NODES DETECTABLE

TITLE: VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN SW-1500W
CREATED: 05/09/2004 **REVISED:** 12/12/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	ZEAMX	SETFA	GLXMA	ZEAMX	SETFA
		RATE	UNIT		CON % 07/23/04	CON % 07/23/04	CON % 07/23/04	CON % 07/28/04	CON % 07/28/04	CON % 07/28/04
1A	CANOPY XL 56.3	0.24	LAA	0	0	13	17	0	10	13
B	AUTHORITY	0.20	LAA	9						
C	CLASSIC 25WG	0.04	LAA	9						
2A	SPARTAN 4L	0.30	LAA	9	0	12	92	0	8	98
B	COMMAND 3ME	0.60	LAA	9						
3A	PURSUIT +	0.91	LAA	9	0	8	20	0	8	40
4A	EXTREME 2.17L	0.81	LAA	12	0	42	52	0	35	97
B	ACTIVATOR 90	0.25	PMV	12						
C	LIQUID AMS	5.00	PMV	12						
5A	PURSUIT DG (70	0.063	LAA	12	0	32	55	0	32	94
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	RAPTOR 1AS	0.031	LAA	12	0	52	30	0	77	35
B	M50	1.00	PMV	12						
C	28% UAN	2.50	PMV	12						
7A	POAST + 1EC	0.188	LAA	12	0	68	67	0	94	97
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	ASSURE II (0.8	0.034	LAA	12	0	68	63	0	95	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	FUSION	0.125	LAA	12	0	63	63	0	94	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	ARROW 2EC	0.063	LAA	12	0	62	75	0	89	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	ARROW 2EC	0.031	LAA	12	0	45	58	0	59	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	SCEPTER 70DG	0.031	LAA	12	0	47	57	0	50	98
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	SCEPTER 70DG	0.063	LAA	12	0	48	57	0	48	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	SCEPTER 70DG	0.031	LAA	13						
B	WEATHERMAX 4.5	0.75	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
15A	SCEPTER 70DG	0.063	LAA	13						
B	WEATHERMAX 4.5	0.75	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
16A	SELECT (2EC)	0.063	LAA	12	0	45	60	0	73	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
17A	SELECT (2EC)	0.047	LAA	12	0	45	60	0	57	99
B	WEATHERMAX 4.5	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
18A	WEATHERMAX 4.5	0.75	LAA	12	0	42	62	0	42	98
B	SELECT (2EC)	0.031	LAA	12						
C	N-PAK AMS	2.50	PMV	12						

TITLE: VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN SW-1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	ZEAMX	SETFA	GLXMA	ZEAMX	SETFA
		RATE	UNIT	TM	CON % 07/23/04	CON % 07/23/04	CON % 07/23/04	CON % 07/28/04	CON % 07/28/04	CON % 07/28/04
19A»	V-10137 1EC	0.063	LAA	12	0	63	58	0	93	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
20A»	V-10137 1EC	0.047	LAA	12	0	70	62	0	90	97
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A»	WEATHERMAX 4.5	0.56	LAA	12	0	35	58	0	33	99
	B SELECT (2EC)	0.031	LAA	12						
		LSD (0.05)			0.00	18.52	19.00	0.00	20.40	11.34
		STANDARD DEVIATION			0.00	9.16	9.41	0.00	10.09	5.61

TITLE: VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN SW-1500W
CREATED: 05/09/2004 **REVISED:** 12/12/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 28.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMX	SETFA	ZEAMX	SETFA
		RATE	UNIT		CON % 08/03/04	CON % 08/03/04	CON % 08/17/04	CON % 08/17/04
1A	CANOPY XL 56.3	0.24	LAA	0	20	47	0	10
B	AUTHORITY	0.20	LAA	9				
C	CLASSIC 25WG	0.04	LAA	9				
2A	SPARTAN 4L	0.30	LAA	9	27	97	17	52
B	COMMAND 3ME	0.60	LAA	9				
3A	PURSUIT +	0.91	LAA	9	15	60	0	20
4A	EXTREME 2.17L	0.81	LAA	12	38	99	40	98
B	ACTIVATOR 90	0.25	PMV	12				
C	LIQUID AMS	5.00	PMV	12				
5A	PURSUIT DG (70	0.063	LAA	12	28	98	23	94
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
6A	RAPTOR 1AS	0.031	LAA	12	80	70	97	89
B	M50	1.00	PMV	12				
C	28% UAN	2.50	PMV	12				
7A	POAST + 1EC	0.188	LAA	12	93	98	93	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
8A	ASSURE II (0.8	0.034	LAA	12	97	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
9A	FUSION	0.125	LAA	12	95	99	98	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
10A	ARROW 2EC	0.063	LAA	12	78	99	62	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
11A	ARROW 2EC	0.031	LAA	12	57	99	38	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
12A	SCEPTER 70DG	0.031	LAA	12	52	99	53	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
13A	SCEPTER 70DG	0.063	LAA	12	62	99	52	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
14A	SCEPTER 70DG	0.031	LAA	13	35	99	85	99
B	WEATHERMAX 4.5	0.75	LAA	13				
C	LIQUID AMS	2.50	PMV	13				
15A	SCEPTER 70DG	0.063	LAA	13	47	99	87	99
B	WEATHERMAX 4.5	0.75	LAA	13				
C	LIQUID AMS	2.50	PMV	13				
16A	SELECT (2EC)	0.063	LAA	12	75	99	48	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
17A	SELECT (2EC)	0.047	LAA	12	57	99	42	99
B	WEATHERMAX 4.5	0.75	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
18A	WEATHERMAX 4.5	0.75	LAA	12	38	99	32	98
B	SELECT (2EC)	0.031	LAA	12				
C	N-PAK AMS	2.50	PMV	12				

TITLE: VOLUNTEER RRCORN CONTROL IN RREADY SOYBEAN SW-1500W

TRT TREATMENT NUM COMPONENT	DOSAGE		ZEAMX	SETFA	ZEAMX	SETFA
	RATE	UNIT	CON % 08/03/04	CON % 08/03/04	CON % 08/17/04	CON % 08/17/04
19A»V-10137 1EC	0.063	LAA 12	95	99	99	99
B»WEATHERMAX 4.5	0.75	LAA 12				
C»LIQUID AMS	2.50	PMV 12				
20A»V-10137 1EC	0.047	LAA 12	91	99	93	99
B»WEATHERMAX 4.5	0.75	LAA 12				
C»LIQUID AMS	2.50	PMV 12				
21A»WEATHERMAX 4.5	0.56	LAA 12	30	98	22	98
B SELECT (2EC)	0.031	LAA 12				
	LSD (0.05)		18.50	11.32	18.73	14.23
	STANDARD DEVIATION		9.15	5.60	9.27	7.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/02/2004(1)
 12 = ----- / POST 07/16/2004(2)
 13 = ----- / LPOST 07/23/2004(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	GLXMA	CON %	07/23/2004	01	P	GLXMA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMX	CON %	07/23/2004	02	P	ZEAMX	38	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	07/23/2004	04	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/28/2004	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMX	CON %	07/28/2004	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/28/2004	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMX	CON %	08/03/2004	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	08/03/2004	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMX	CON %	08/17/2004	02	P	ZEAMX		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	08/17/2004	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 2703 RR

* STAGE CODE

15 = 5 LEAVES UNFOLDED
 17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
 38 = 8 NODES DETECTABLE