

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 10 X 35 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	03	04	05	06	UNIT
TIMINGS	09	10	11	12	13	14	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/10/99	06/01/99	06/04/99	06/07/99	06/10/99	06/15/99	AME
AIR TEMPERATURE	68	76	72	87	90	71	F
% REL.HUMIDITY	39	68	63	40	45	45	
WIND DIRECTION	SOUTHEAST	WEST	SOUTH	WEST	SOUTH	WEST	
WIND SPEED	5.0	10.0	12.0	15.0	10.0	3.0	M/H
CLOUD COVER	CLEAR	CLOUDY	PARTCLDY	CLEAR	PARTCLDY	CLOUDY	
DEW	---	NO	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	DRY/MOIST	DRY/MOIST	WET/MOIST	
SOIL CONDITION	---	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE	40.00	40.00	40.00	40.00	40.00	40.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	WATER	
INC. DATE							AME
INC. START							24H
INC. END							24H
INC. DEPTH							IN
INC. EQUIPMENT							
DENSITY /							
*** CROP ***							
CORN, DENT		---/13	---/14	---/15	---/15	---/17	
DEKALB 589RR		5.00/6.00	7.00/9.00	9.00/10.0	12.0/14.0	20.0/22.0	IN
05/03/1999							
*** PEST ***							
VELVETLEAF		---/12	---/13	---/14	---/16	---/18	
		1.00/1.50	1.00/2.00	2.00/3.00	4.00/6.00	6.00/8.00	IN
PIGWEEED, REDROOT		---/12	---/15	---/17	---/19	---/19	
		0.50/0.50	1.00/1.50	3.00/4.00	6.00/8.00	8.00/12.0	IN
RAGWEED, GIANT		---/13	---/15	---/16	---/19	---/19	
		2.00/4.00	3.00/6.00	6.00/8.00	6.00/14.0	16.0/24.0	IN
LAMBSQUARTERS, C		---/13	---/15	---/17	---/19	---/19	
		0.50/0.50	1.00/1.00	2.00/4.00	3.00/6.00	8.00/9.00	IN
FOXTAIL, GIANT		---/12	---/13	---/13	---/14	---/15	
		2.00/3.00	3.00/5.00	5.00/6.00	8.00/9.00	8.00/12.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 10 = ----- / VEPOST
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST
 14 = ----- / VLPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CRRCOMP WEED COMPETITION IN RREADY CORNI-SW 1900
CREATED: 03/30/1999 **REVISED:** 09/16/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
PROJECT#1: DK 602
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 35.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	AMBTR	SETFA	CHEAL	AMARE	ABUTH
		RATE	UNIT	TM	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99	CON % 06/24/99
1A	ROUNDUP ULTRA	0.56	LAA	10	1	70	68	71	73	75
	B AM. SULFATE	8.50	PMG	10						
	C»RE-INFEST	0.00	NA	0						
2A	ROUNDUP ULTRA	0.56	LAA	11	1	55	79	76	89	73
	B AM. SULFATE	8.50	PMG	11						
	C»RE-INFEST	0.00	NA	0						
3A	ROUNDUP ULTRA	0.75	LAA	12	26	86	94	95	94	91
	B AM. SULFATE	8.50	PMG	12						
	C»RE-INFEST	0.00	NA	0						
4A	ROUNDUP ULTRA	0.75	LAA	13	21	95	97	97	98	93
	B AM. SULFATE	8.50	PMG	13						
	C»RE-INFEST	0.00	NA	0						
5A	ROUNDUP ULTRA	0.75	LAA	14	28	86	95	98	98	97
	B AM. SULFATE	8.50	PMG	14						
	C»RE-INFEST	0.00	NA	0						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	ROUNDUP ULTRA	0.56	LAA	10	0	90	92	91	97	94
	B AM. SULFATE	8.50	PMG	10						
	C ROUNDUP ULTRA	0.38	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
	E»WEED FREE	0.00	NA	0						
8A	ROUNDUP ULTRA	0.56	LAA	11	13	71	93	85	90	89
	B AM. SULFATE	8.50	PMG	11						
	C ROUNDUP ULTRA	0.38	LAA	13						
	D AM. SULFATE	8.50	PMG	13						
	E»WEED FREE	0.00	NA	0						
9A	ROUNDUP ULTRA	0.75	LAA	12	16	94	99	97	98	96
	B AM. SULFATE	8.50	PMG	12						
	C ROUNDUP ULTRA	0.38	LAA	14						
	D AM. SULFATE	8.50	PMG	14						
	E»WEED FREE	0.00	NA	0						
10A»	HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
		LSD (0.05)			13.06	6.94	5.56	7.44	6.00	7.75
		STANDARD DEVIATION			6.36	3.38	2.71	3.62	2.93	3.78

TITLE: CRRCOMP WEED COMPETITION IN RREADY CORNI-SW 1900
CREATED: 03/30/1999 **REVISED:** 09/16/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
PROJECT#1: DK 602
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 35.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/07/99
		RATE	UNIT TM	
1A	ROUNDUP ULTRA	0.56	LAA 10	160.3
B	AM. SULFATE	8.50	PMG 10	
C»	RE-INFEST	0.00	NA 0	
2A	ROUNDUP ULTRA	0.56	LAA 11	165.0
B	AM. SULFATE	8.50	PMG 11	
C»	RE-INFEST	0.00	NA 0	
3A	ROUNDUP ULTRA	0.75	LAA 12	164.2
B	AM. SULFATE	8.50	PMG 12	
C»	RE-INFEST	0.00	NA 0	
4A	ROUNDUP ULTRA	0.75	LAA 13	151.2
B	AM. SULFATE	8.50	PMG 13	
C»	RE-INFEST	0.00	NA 0	
5A	ROUNDUP ULTRA	0.75	LAA 14	126.5
B	AM. SULFATE	8.50	PMG 14	
C»	RE-INFEST	0.00	NA 0	
6A	CHECK	0.00	NA 0	0.3
7A	ROUNDUP ULTRA	0.56	LAA 10	172.6
B	AM. SULFATE	8.50	PMG 10	
C	ROUNDUP ULTRA	0.38	LAA 12	
D	AM. SULFATE	8.50	PMG 12	
E»	WEED FREE	0.00	NA 0	
8A	ROUNDUP ULTRA	0.56	LAA 11	171.4
B	AM. SULFATE	8.50	PMG 11	
C	ROUNDUP ULTRA	0.38	LAA 13	
D	AM. SULFATE	8.50	PMG 13	
E»	WEED FREE	0.00	NA 0	
9A	ROUNDUP ULTRA	0.75	LAA 12	161.3
B	AM. SULFATE	8.50	PMG 12	
C	ROUNDUP ULTRA	0.38	LAA 14	
D	AM. SULFATE	8.50	PMG 14	
E»	WEED FREE	0.00	NA 0	
10A»	HAND WEEDED	0.00	NA 0	177.5
			LSD (0.05)	22.88
			STANDARD DEVIATION	11.15

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 10 = ----- / VEPOST 06/01/1999(2)
- 11 = ----- / EPOST 06/04/1999(3)
- 12 = ----- / POST 06/07/1999(4)
- 13 = ----- / LPOST 06/10/1999(5)
- 14 = ----- / VLPOST 06/15/1999(6)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/24/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	CON %	06/24/1999	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/24/1999	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/24/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMARE	CON %	06/24/1999	05	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/24/1999	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/16/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	07/16/1999	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: CRRCOMP WEED COMPETITION IN RREADY CORNI-SW 1900

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
009	SETFA	CON %	07/16/1999	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/16/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMARE	CON %	07/16/1999	05	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/16/1999	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	YIELD	BU/A	10/07/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR