

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/99	06/01/99	06/07/99	06/11/99	AME
AIR TEMPERATURE	75	80	85	85	F
% REL. HUMIDITY	45	70	65	77	
WIND DIRECTION	SOUTH	SOUTH	SOUTHWEST	SOUTH	
WIND SPEED	5.0	3.0	5.0	2.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	OVERCAST	
DEW	---	MOIST	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT					
DENSITY /					
*** CROP ***					
CORN, DENT		---/14	---/16	---/17	
DEKALB 589RR		10.0/10.0	16.0/18.0	22.0/22.0	IN
05/03/1999					
*** PEST ***					
VELVETLEAF		---/12	---/14	---/16	
		1.00/3.00	3.00/5.00	4.00/6.00	IN
WATERHEMP, COMMO		---/15	---/18	---/19	
		1.00/3.00	3.00/6.00	4.00/8.00	IN
LAMBSQUARTERS, C		---/17	---/19	---/19	
		1.00/3.00	3.00/5.00	4.00/6.00	IN
FOXTAIL, GIANT		---/13	---/14	---/15	
		2.00/4.00	4.00/8.00	5.00/10.0	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES 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: CRRMONS HERB COMBOS FOR WEED CONTROL IN RREADY CORN AS-400
CREATED: 04/12/1999 **REVISED:** 10/05/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	AMATA	CHEAL	ZEAMD
		RATE	UNIT		10 DAT 06/21/99	10 DAT 06/21/99	10 DAT 06/21/99	10 DAT 06/21/99	10 DAT 06/21/99	30 DAT 07/08/99
1A	ROUNDUP ULTRA	0.75	LAA	11	0	99	90	90	95	0
B	AM. SULFATE	17.00	PMG	11						
2A	ROUNDUP ULTRA	0.75	LAA	11	0	99	96	99	99	0
B	AM. SULFATE	17.00	PMG	11						
C	ROUNDUP ULTRA	0.56	LAA	13						
D	AM. SULFATE	17.00	PMG	13						
3A	HARNESS (7EC)	1.10	LAA	9	0	96	93	98	96	0
B	ROUNDUP ULTRA	0.75	LAA	12						
C	AM. SULFATE	17.00	PMG	12						
4A»	HARNESS XTRA 5	1.75	LAA	9	0	95	90	96	95	0
B	ROUNDUP ULTRA	0.75	LAA	12						
C	AM. SULFATE	17.00	PMG	12						
5A	HARNESS (7EC)	1.30	LAA	11	0	99	91	99	98	0
B	ROUNDUP ULTRA	0.75	LAA	11						
C	AM. SULFATE	17.00	PMG	11						
6A»	HARNESS XTRA 5	2.24	LAA	11	0	99	92	99	99	0
B	ROUNDUP ULTRA	0.75	LAA	11						
C	AM. SULFATE	17.00	PMG	11						
7A	ATRAZINE DF	1.00	LAA	11	0	98	95	98	99	0
B	ROUNDUP ULTRA	0.75	LAA	11						
C	AM. SULFATE	17.00	PMG	11						
8A»	MON78126 5.52L	2.30	LAA	11	0	99	95	98	99	0
B	AM. SULFATE	17.00	PMG	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	MON78123 5L	3.30	LAA	11	0	99	85	92	96	0
B	AM. SULFATE	17.00	PMG	11						
11A»	MON78045 3.5L	2.00	LAA	11	0	99	92	95	93	0
B	AM. SULFATE	17.00	PMG	11						
12A»	DUAL II MAGNUM	1.60	LAA	9	0	62	87	95	95	0
B	MARKSMAN SC	1.40	LAA	11						
C	28% UAN	2.00	PMV	11						
13A»	BICEP II MAGNU	3.58	LAA	9	0	62	33	88	92	0
14A»	BASIS GOLD 90D	0.78	LAA	11	0	73	65	93	93	0
B»	COC	1.25	PMV	11						
C	28% UAN	2.50	PMV	11						
15A	ACCENT 75WG	0.031	LAA	11	0	72	70	93	95	0
B	CLARITY	0.25	LAA	11						
C»	ACTIVATE PLUS	0.25	PMV	11						
D	28% UAN	2.50	PMV	11						
16A	TOPNOTCH (3.2C	2.00	LAA	9	0	78	93	95	96	0
B»	ZA1296 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.25	LAA	12						
D»	COC	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
17A»	MON 58430 3.8M	1.10	LAA	9	0	96	90	96	98	0
B	ROUNDUP ULTRA	0.75	LAA	12						
C	AM. SULFATE	17.00	PMG	12						
18A»	MON 58430 3.8M	1.10	LAA	11	0	99	90	99	98	0
B	ATRAZINE DF	1.00	LAA	11						
C	ROUNDUP ULTRA	0.56	LAA	11						
D	AM. SULFATE	17.00	PMG	11						

TITLE: CRRMONS HERB COMBOS FOR WEED CONTROL IN RREADY CORN AS-400
CREATED: 04/12/1999 **REVISED:** 10/05/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	AMATA	CHEAL	YIELD
		RATE	UNIT		30 DAT 07/08/99	30 DAT 07/08/99	30 DAT 07/08/99	30 DAT 07/08/99	BU/A 09/22/99
1A	ROUNDUP ULTRA	0.75	LAA	11	82	87	88	90	189.6
B	AM. SULFATE	17.00	PMG	11					
2A	ROUNDUP ULTRA	0.75	LAA	11	95	96	98	98	196.3
B	AM. SULFATE	17.00	PMG	11					
C	ROUNDUP ULTRA	0.56	LAA	13					
D	AM. SULFATE	17.00	PMG	13					
3A	HARNESS (7EC)	1.10	LAA	9	98	95	99	99	201.3
B	ROUNDUP ULTRA	0.75	LAA	12					
C	AM. SULFATE	17.00	PMG	12					
4A»	HARNESS XTRA 5	1.75	LAA	9	99	96	99	99	189.5
B	ROUNDUP ULTRA	0.75	LAA	12					
C	AM. SULFATE	17.00	PMG	12					
5A	HARNESS (7EC)	1.30	LAA	11	91	92	96	95	189.3
B	ROUNDUP ULTRA	0.75	LAA	11					
C	AM. SULFATE	17.00	PMG	11					
6A»	HARNESS XTRA 5	2.24	LAA	11	95	93	99	99	204.2
B	ROUNDUP ULTRA	0.75	LAA	11					
C	AM. SULFATE	17.00	PMG	11					
7A	ATRAZINE DF	1.00	LAA	11	90	92	93	98	200.4
B	ROUNDUP ULTRA	0.75	LAA	11					
C	AM. SULFATE	17.00	PMG	11					
8A»	MON78126 5.52L	2.30	LAA	11	88	88	95	95	184.6
B	AM. SULFATE	17.00	PMG	11					
9A	CHECK	0.00	NA	0	0	0	0	0	118.6
10A»	MON78123 5L	3.30	LAA	11	93	93	98	98	187.0
B	AM. SULFATE	17.00	PMG	11					
11A»	MON78045 3.5L	2.00	LAA	11	87	85	95	94	187.5
B	AM. SULFATE	17.00	PMG	11					
12A»	DUAL II MAGNUM	1.60	LAA	9	57	88	96	98	170.2
B	MARKSMAN SC	1.40	LAA	11					
C	28% UAN	2.00	PMV	11					
13A»	BICEP II MAGNU	3.58	LAA	9	47	37	88	93	181.7
14A»	BASIS GOLD 90D	0.78	LAA	11	65	63	93	93	182.5
B»	COC	1.25	PMV	11					
C	28% UAN	2.50	PMV	11					
15A	ACCENT 75WG	0.031	LAA	11	67	80	92	92	167.9
B	CLARITY	0.25	LAA	11					
C»	ACTIVATE PLUS	0.25	PMV	11					
D	28% UAN	2.50	PMV	11					
16A	TOPNOTCH (3.2C	2.00	LAA	9	75	92	96	98	190.7
B»	ZA1296 4SC	0.094	LAA	12					
C	ATRAZINE DF	0.25	LAA	12					
D»	COC	1.00	PMV	12					
E	28% UAN	2.50	PMV	12					
17A»	MON 58430 3.8M	1.10	LAA	9	99	96	99	99	188.5
B	ROUNDUP ULTRA	0.75	LAA	12					
C	AM. SULFATE	17.00	PMG	12					
18A»	MON 58430 3.8M	1.10	LAA	11	90	88	93	96	190.5
B	ATRAZINE DF	1.00	LAA	11					
C	ROUNDUP ULTRA	0.56	LAA	11					
D	AM. SULFATE	17.00	PMG	11					

TITLE: CRRMONS HERB COMBOS FOR WEED CONTROL IN RREADY CORN AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	AMATA	CHEAL	YIELD	
		RATE	UNIT		30 DAT 07/08/99	30 DAT 07/08/99	30 DAT 07/08/99	30 DAT 07/08/99	BU/A 09/22/99	
19A	DUAL II MAGNUM	1.60	LAA	9	99	99	99	99	197.4	
	B ROUNDUP ULTRA	0.56	LAA	13						
	C ATRAZINE DF	1.00	LAA	13						
	D AM. SULFATE	17.00	PMG	13						
20A	BICEP LITE II	2.20	LAA	9	63	90	96	96	178.2	
	B>>SPIRIT 57WG	0.036	LAA	12						
	C>>COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
21A	EPIC 58DF	0.54	LAA	9	99	98	99	99	196.8	
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	17.00	PMG	13						
22A	LEADOFF 5SE	0.94	LAA	9	77	95	98	98	168.6	
	B>>ACCENT GOLD 83	0.151	LAA	0						
	C>>DPX-79406 75DF	0.023	LAA	12						
	D>>HORNET 85.6WG	0.128	LAA	12						
	E CLARITY	0.25	LAA	12						
	F>>ACTIVATE PLUS	0.25	PMV	12						
	G 28% UAN	2.50	PMV	12						
					LS D (0.05)	6.41	5.82	4.74	4.36	17.17
					STANDARD DEVIATION	3.20	2.91	2.37	2.18	8.59

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/03/1999(1)
- 11 = ----- / EPOST 06/01/1999(2)
- 12 = ----- / POST 06/07/1999(3)
- 13 = ----- / LPOST 06/11/1999(4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	10 DAT	06/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	10 DAT	06/21/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	10 DAT	06/21/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	10 DAT	06/21/1999	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	10 DAT	06/21/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	30 DAT	07/08/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	30 DAT	07/08/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	30 DAT	07/08/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	30 DAT	07/08/1999	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	30 DAT	07/08/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	09/22/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR