

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: NA - NONE
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/02/00	05/30/00	06/26/00	AME
AIR TEMPERATURE	72	80	81	F
% REL.HUMIDITY	45	65	69	
WIND DIRECTION	SOUTHWEST	SOUTHEAST	WEST	
WIND SPEED	7.0	7.0	8.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	WET/WET	
SOIL CONDITION	NA/UNKNOW	FRIABLE	NA/UNKNOW	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
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	40.00	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				
*** CROP *** CORN, DENT ASGROW RX 592RR 04/30/2000		HGH/15 5.00/5.00	---/19 47.0/47.0	IN
*** PEST *** VELVETLEAF		MED/13 2.50/2.50	MED/13 2.00/2.00	IN
RAGWEED, COMMON		MED/15 2.50/2.50	MED/14 3.00/3.00	IN
LAMBSQUARTERS, C		MED/15 2.00/2.00	MED/16 4.00/4.00	IN
SMARTWEED, PENNS		MED/15 2.50/2.50	MED/13 3.00/3.00	IN
FOXTAIL, GIANT		HGH/14 2.50/2.50	HGH/13 3.00/3.00	IN

* TIMING CODES

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

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = 9 OR MORE LEAVES UNFOLDED

TITLE: DRESIDRR RESIDUAL COMBOS FOR WEED CONTROL IN RR CORN SW-1400
CREATED: 04/28/2000 **REVISED:** 11/27/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBEL	ABUTH	CHEAL	POLPY	SETFA
		RATE	UNIT		05/30/00	05/30/00	05/30/00	05/30/00	05/30/00	06/19/00
1A	ROUNDUP ULTRA	0.56	LAA	12						97
B	AM. SULFATE	8.50	PMG	12						
2A»	BICEP II MAGNU	2.37	LAA	9	87	69	73	96	93	98
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
3A»	BICEP II MAGNU	2.37	LAA	12						99
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
4A	HARNESS XTRA	2.33	LAA	9	94	85	85	99	96	99
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
5A	HARNESS XTRA	2.33	LAA	12						99
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
6A»	FULTIME 4SC	2.20	LAA	9	95	86	88	99	98	99
B»	TOUCHDN IQ 3AE	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
7A»	FULTIME 4SC	2.20	LAA	12						99
B»	TOUCHDN IQ 3AE	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
8A»	TOUCHDN IQ 3AE	0.56	LAA	12						97
B	AM. SULFATE	8.50	PMG	12						
9A»	GUARDSMAN	2.00	LAA	9	89	65	83	98	95	98
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
10A»	GUARDSMAN	2.00	LAA	12						99
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
11A	PROWL 3.3EC	0.95	LAA	9	80	63	74	98	98	97
B	ATRAZINE DF	1.30	LAA	9						
C	ROUNDUP ULTRA	0.56	LAA	12						
D	AM. SULFATE	8.50	PMG	12						
12A	PROWL 3.3EC	0.95	LAA	12						98
B	ATRAZINE DF	1.30	LAA	12						
C	ROUNDUP ULTRA	0.56	LAA	12						
D	AM. SULFATE	8.50	PMG	12						
13A»	MON78045 4L	2.00	LAA	12						97
14A	ROUNDUP ULTRA	0.56	LAA	12						97
B	AM. SULFATE	8.56	PMG	12						
C	ROUNDUP ULTRA	0.56	LAA	13						
D	AM. SULFATE	8.50	PMG	13						
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			8.20	10.38	7.00	1.79	4.37	1.23
		STANDARD DEVIATION			4.06	5.13	3.44	0.885	2.16	0.607

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	ABUTH	CHEAL	POLPY	SETFA	AMBEL
		RATE	UNIT		06/19/00	06/19/00	06/19/00	06/19/00	06/30/00	06/30/00
1A	ROUNDUP ULTRA	0.56	LAA	12	92	91	86	91	85	89
B	AM. SULFATE	8.50	PMG	12						
2A»	BICEP II MAGNU	2.37	LAA	9	99	93	98	99	97	95
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
3A»	BICEP II MAGNU	2.37	LAA	12	99	97	99	99	99	99
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
4A	HARNESS XTRA	2.33	LAA	9	98	96	99	99	95	92
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
5A	HARNESS XTRA	2.33	LAA	12	96	96	99	99	99	95
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
6A»	FULTIME 4SC	2.20	LAA	9	98	97	99	99	98	88
B»	TOUCHDN IQ 3AE	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
7A»	FULTIME 4SC	2.20	LAA	12	99	97	99	99	99	93
B»	TOUCHDN IQ 3AE	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
8A»	TOUCHDN IQ 3AE	0.56	LAA	12	96	96	92	98	86	94
B	AM. SULFATE	8.50	PMG	12						
9A»	GUARDSMAN	2.00	LAA	9	98	97	99	98	94	95
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
10A»	GUARDSMAN	2.00	LAA	12	99	97	99	99	99	98
B	ROUNDUP ULTRA	0.56	LAA	12						
C	AM. SULFATE	8.50	PMG	12						
11A	PROWL 3.3EC	0.95	LAA	9	97	96	99	99	86	89
B	ATRAZINE DF	1.30	LAA	9						
C	ROUNDUP ULTRA	0.56	LAA	12						
D	AM. SULFATE	8.50	PMG	12						
12A	PROWL 3.3EC	0.95	LAA	12	99	97	99	99	93	99
B	ATRAZINE DF	1.30	LAA	12						
C	ROUNDUP ULTRA	0.56	LAA	12						
D	AM. SULFATE	8.50	PMG	12						
13A»	MON78045 4L	2.00	LAA	12	99	97	99	99	91	99
14A	ROUNDUP ULTRA	0.56	LAA	12	98	94	96	99	89	92
B	AM. SULFATE	8.56	PMG	12						
C	ROUNDUP ULTRA	0.56	LAA	13						
D	AM. SULFATE	8.50	PMG	13						
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
					3.33	4.00	3.93	1.48	4.90	7.28
LSD (0.05)					1.65	2.00	1.95	0.731	2.43	3.60
STANDARD DEVIATION										

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH 06/30/00	CHEAL 06/30/00	POLPY 06/30/00	YIELD BU/A 10/13/00
		RATE	UNIT					
1A	ROUNDUP ULTRA	0.56	LAA 12		84	74	75	204.1
B	AM. SULFATE	8.50	PMG 12					
2A»	BICEP II MAGNU	2.37	LAA 9		85	99	96	206.4
B	ROUNDUP ULTRA	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
3A»	BICEP II MAGNU	2.37	LAA 12		90	99	99	221.4
B	ROUNDUP ULTRA	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
4A	HARNESS XTRA	2.33	LAA 9		86	96	95	207.8
B	ROUNDUP ULTRA	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
5A	HARNESS XTRA	2.33	LAA 12		93	99	96	224.3
B	ROUNDUP ULTRA	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
6A»	FULTIME 4SC	2.20	LAA 9		88	96	99	217.0
B»	TOUCHDN IQ 3AE	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
7A»	FULTIME 4SC	2.20	LAA 12		88	99	96	209.8
B»	TOUCHDN IQ 3AE	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
8A»	TOUCHDN IQ 3AE	0.56	LAA 12		89	78	86	208.1
B	AM. SULFATE	8.50	PMG 12					
9A»	GUARDSMAN	2.00	LAA 9		89	97	96	209.3
B	ROUNDUP ULTRA	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
10A»	GUARDSMAN	2.00	LAA 12		92	99	99	200.5
B	ROUNDUP ULTRA	0.56	LAA 12					
C	AM. SULFATE	8.50	PMG 12					
11A	PROWL 3.3EC	0.95	LAA 9		85	97	98	211.5
B	ATRAZINE DF	1.30	LAA 9					
C	ROUNDUP ULTRA	0.56	LAA 12					
D	AM. SULFATE	8.50	PMG 12					
12A	PROWL 3.3EC	0.95	LAA 12		97	99	99	219.4
B	ATRAZINE DF	1.30	LAA 12					
C	ROUNDUP ULTRA	0.56	LAA 12					
D	AM. SULFATE	8.50	PMG 12					
13A»	MON78045 4L	2.00	LAA 12		94	99	99	222.7
14A	ROUNDUP ULTRA	0.56	LAA 12		92	96	94	235.9
B	AM. SULFATE	8.56	PMG 12					
C	ROUNDUP ULTRA	0.56	LAA 13					
D	AM. SULFATE	8.50	PMG 13					
15A	CHECK	0.00	NA 0		0	0	0	167.3
			LSL (0.05)		8.30	6.30	7.06	20.34
			STANDARD DEVIATION		4.11	3.12	3.49	10.17

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/02/2000 (1)
 12 = ----- / POST 05/30/2000 (2)
 13 = ----- / LPOST 06/26/2000 (3)

TITLE: DRESIDRR RESIDUAL COMBOS FOR WEED CONTROL IN RR CORN SW-1400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	SETFA		05/30/2000	01	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBEL		05/30/2000	02	P	AMBEL	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH		05/30/2000	03	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL		05/30/2000	04	P	CHEAL	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY		05/30/2000	05	P	POLPY	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA		06/19/2000	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBEL		06/19/2000	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH		06/19/2000	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL		06/19/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY		06/19/2000	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA		06/30/2000	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL		06/30/2000	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH		06/30/2000	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL		06/30/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	POLPY		06/30/2000	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/13/2000	06	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

06 = ASGROW RX 592RR

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4 LEAVES UNFOLDED

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED