

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/21/99	06/11/99	06/16/99	06/19/99	AME
AIR TEMPERATURE	75	85	63	74	F
% REL. HUMIDITY	60	70	50	63	
WIND DIRECTION	SOUTHWEST	---	NORTH	NORTHEAST	
WIND SPEED	2.0	0.0	3.0	2.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLOUDY	PARTCLDY	
DEW	---	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	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	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT					
DENSITY /					
*** CROP ***					
CORN, DENT		---/13	---/14	---/15	
DEKALB DK 512RR		8.00/8.00	10.0/12.0	12.0/14.0	IN
05/21/1999					
*** PEST ***					
VELVETLEAF		---/11	---/13	---/15	
		1.00/1.00	2.00/4.00	3.00/5.00	IN
RAGWEED, COMMON		---/11	---/13	---/14	
		1.00/2.00	3.00/5.00	4.00/6.00	IN
LAMBSQUARTERS, C		---/14	---/16	---/18	
		1.00/1.00	1.00/2.00	2.00/3.00	IN
MORNINGGLORY, IV		---/10	---/12	---/14	
		1.00/1.00	1.00/2.00	2.00/3.00	IN
FOXTAIL, GIANT		---/12	---/13	---/14	
		1.00/3.00	4.00/6.00	5.00/7.00	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT CNOVRRPG RESIDUAL HERBICIDES FOR WD CONTROL RRCORN
CREATED: 05/22/1999 **REVISED:** 09/07/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BTOWN C4S **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMBEL	CHEAL	ABUTH	IPOHE	SETFA
		RATE	UNIT		CON % 06/21/99	CON % 06/21/99	CON % 06/21/99	CON % 06/21/99	CON % 06/21/99	CON % 06/21/99
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A»	BICEP II MAGNU	2.88	LAA	9	0	99	99	95	95	99
3A»	BICEP II MAGNU	2.88	LAA	9	0	99	99	96	98	99
	B ROUNDUP ULTRA	0.75	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
4A»	BICEP II MAGNU	2.88	LAA	9	0	99	99	95	96	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
5A»	BICEP II MAGNU	2.88	LAA	9	0	99	99	96	96	99
	B ROUNDUP ULTRA	0.75	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
6A»	BICEP II MAGNU	2.88	LAA	9	0	99	99	99	95	99
	B»SPIRIT 57WG	0.036	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	ROUNDUP ULTRA	0.75	LAA	11	0	99	99	93	93	96
	B AM. SULFATE	8.50	PMG	11						
8A	ROUNDUP ULTRA	0.75	LAA	12	0	96	99	98	95	99
	B AM. SULFATE	8.50	PMG	12						
9A	ROUNDUP ULTRA	0.75	LAA	12	0	98	99	98	95	99
	B AM. SULFATE	8.50	PMG	12						
	C ROUNDUP ULTRA	0.75	LAA	13						
	D AM. SULFATE	8.50	PMG	13						
10A»	AXIOM	0.55	LAA	9	0	95	96	93	91	95
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
11A»	DUAL II MAGNUM	1.00	LAA	9	0	99	99	98	95	98
	B ATRAZINE DF	0.50	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
12A»	FRONTIER 6.0EC	1.08	LAA	9	0	98	98	96	96	96
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
13A»	DUAL II MAGNUM	1.20	LAA	9	0	99	99	96	92	99
	B ATRAZINE DF	0.75	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
14A»	FRONTIER 6.0EC	1.08	LAA	9	0	99	99	99	99	98
	B MARKSMAN SC	1.40	LAA	11						
15A»	MON 58430 3.8M	2.00	LAA	9	0	99	99	98	95	99
	B ATRAZINE DF	0.75	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
16A»	DUAL II MAGNUM	1.00	LAA	9	0	99	99	99	98	99
	B»EXCEED	0.036	LAA	12						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
		LSD (0.05)			0.00	2.49	2.31	4.70	4.33	3.23
		STANDARD DEVIATION			0.00	1.22	1.13	2.30	2.12	1.58

TITLE: BT CNOVRRPG RESIDUAL HERBICIDES FOR WD CONTROL RRCORN
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LOCATION: BTOWN C4S **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	AMBEL	CHEAL	ABUTH	IPOHE	SETFA	
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %	
			TM	07/20/99	07/20/99	07/20/99	07/20/99	07/20/99	07/20/99	
1A	CHECK	0.00	NA	0	0	0	0	0	0	
2A»	BICEP II MAGNU	2.88	LAA	9	0	87	99	83	85	99
3A»	BICEP II MAGNU	2.88	LAA	9	0	92	99	87	83	90
	B ROUNDUP ULTRA	0.75	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
4A»	BICEP II MAGNU	2.88	LAA	9	0	94	99	98	93	93
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
5A»	BICEP II MAGNU	2.88	LAA	9	0	96	99	98	92	98
	B ROUNDUP ULTRA	0.75	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
6A»	BICEP II MAGNU	2.88	LAA	9	0	99	99	98	90	93
	B»SPIRIT 57WG	0.036	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	ROUNDUP ULTRA	0.75	LAA	11	0	90	96	77	83	80
	B AM. SULFATE	8.50	PMG	11						
8A	ROUNDUP ULTRA	0.75	LAA	12	0	91	95	87	85	85
	B AM. SULFATE	8.50	PMG	12						
9A	ROUNDUP ULTRA	0.75	LAA	12	0	99	99	96	93	90
	B AM. SULFATE	8.50	PMG	12						
	C ROUNDUP ULTRA	0.75	LAA	13						
	D AM. SULFATE	8.50	PMG	13						
10A»	AXIOM	0.55	LAA	9	0	96	99	96	92	91
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
11A»	DUAL II MAGNUM	1.00	LAA	9	0	96	99	96	88	93
	B ATRAZINE DF	0.50	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
12A»	FRONTIER 6.0EC	1.08	LAA	9	0	95	93	93	88	94
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
13A»	DUAL II MAGNUM	1.20	LAA	9	0	96	99	92	99	99
	B ATRAZINE DF	0.75	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
14A»	FRONTIER 6.0EC	1.08	LAA	9	0	99	99	99	98	99
	B MARKSMAN SC	1.40	LAA	11						
15A»	MON 58430 3.8M	2.00	LAA	9	0	98	99	95	99	99
	B ATRAZINE DF	0.75	LAA	9						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
16A»	DUAL II MAGNUM	1.00	LAA	9	0	99	99	98	99	99
	B»EXCEED	0.036	LAA	12						
	C ROUNDUP ULTRA	0.75	LAA	12						
	D AM. SULFATE	8.50	PMG	12						
		LSD (0.05)		0.00	6.41	3.17	6.23	5.59	5.77	
		STANDARD DEVIATION		0.00	3.14	1.55	3.05	2.74	2.83	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

*** CONTINUE ON NEXT PAGE

00 = ----- / UNTREATED TIMING
 00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/21/1999(1)
 11 = ----- / EPOST 06/11/1999(2)
 12 = ----- / POST 06/16/1999(3)
 13 = ----- / LPOST 06/19/1999(4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBEL	CON %	06/21/1999	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/21/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/21/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOHE	CON %	06/21/1999	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/21/1999	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/20/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	07/20/1999	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/20/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	07/20/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	IPOHE	CON %	07/20/1999	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/20/1999	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB DK 512RR