

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.2
%OM: 6.0
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE:
PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
REPS: 6

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/21/99	06/10/99	06/22/99	06/30/99	AME
AIR TEMPERATURE	74	83	73	71	F
% REL.HUMIDITY	54	68	84	71	
WIND DIRECTION	SOUTHWEST	SOUTH	SOUTH	SOUTHWEST	
WIND SPEED	5.0	7.0	2.0	6.0	M/H
CLOUD COVER	CLOUDY	CLOUDY	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	
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		---/11		---/14	
DEKALB 589RR		4.00/5.00		10.0/12.0	IN
05/20/1999					
*** PEST ***					
RAGWEED, GIANT		---/13		---/19	
		1.00/3.00		4.00/10.0	IN
FOXTAIL, GIANT		---/12		---/14	
		1.00/1.00		4.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

11 = FIRST LEAF UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CNOVRRPG RESIDUAL HERBICIDES FOR WD CONTROL RRCORN SW-1600
CREATED: 04/20/1999 **REVISED:** 11/15/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG **REPS:** 06

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ZEAMD	SETFA	AMBTR	
		RATE	UNIT		CON % 07/11/99	CON % 07/11/99	CON % 07/11/99	CON % 07/30/99	CON % 07/30/99	CON % 07/30/99	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A»	BICEP II MAGNU	3.20	LAA	9	0	95	97	0	93	92	
3A»	BICEP II MAGNU	3.20	LAA	9	0	96	98	0	93	95	
	B ROUNDUP ULTRA	0.75	LAA	11							
	C AM. SULFATE	8.50	PMG	11							
4A»	BICEP II MAGNU	3.20	LAA	9	0	98	98	0	98	97	
	B ROUNDUP ULTRA	0.75	LAA	12							
	C AM. SULFATE	8.50	PMG	12							
5A»	BICEP II MAGNU	3.20	LAA	9	0	99	99	0	99	99	
	B ROUNDUP ULTRA	0.75	LAA	13							
	C AM. SULFATE	8.50	PMG	13							
6A»	BICEP II MAGNU	3.20	LAA	9	0	94	98	0	94	95	
	B»NORTHSTAR 47.4	0.148	LAA	12							
	C»ACTIVATE PLUS	0.25	PMV	12							
	D 28% UAN	2.50	PMV	12							
7A	ROUNDUP ULTRA	0.75	LAA	11	0	56	65	0	48	55	
	B AM. SULFATE	8.50	PMG	11							
8A	ROUNDUP ULTRA	0.75	LAA	12	0	85	95	0	79	88	
	B AM. SULFATE	8.50	PMG	12							
9A	ROUNDUP ULTRA	0.75	LAA	13	0	76	82	0	90	74	
	B AM. SULFATE	8.50	PMG	13							
10A»	HAND WEEDED	0.00	NA	0	0	99	99	0	99	99	
					LSD (0.05)	0.00	3.37	2.54	0.00	3.42	3.48
					STANDARD DEVIATION	0.00	1.69	1.27	0.00	1.71	1.74

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TRT	TREATMENT	DOSAGE	YIELD			
NUM	COMPONENT	RATE	UNIT	TM	BU/A	10/21/99
1A	CHECK	0.00	NA	0		4.1
2A»	BICEP II MAGNU	3.20	LAA	9		149.6
3A»	BICEP II MAGNU	3.20	LAA	9		155.3
	B ROUNDUP ULTRA	0.75	LAA	11		
	C AM. SULFATE	8.50	PMG	11		
4A»	BICEP II MAGNU	3.20	LAA	9		161.7
	B ROUNDUP ULTRA	0.75	LAA	12		
	C AM. SULFATE	8.50	PMG	12		
5A»	BICEP II MAGNU	3.20	LAA	9		164.0
	B ROUNDUP ULTRA	0.75	LAA	13		
	C AM. SULFATE	8.50	PMG	13		
6A»	BICEP II MAGNU	3.20	LAA	9		166.0
	B»NORTHSTAR 47.4	0.148	LAA	12		
	C»ACTIVATE PLUS	0.25	PMV	12		
	D 28% UAN	2.50	PMV	12		
7A	ROUNDUP ULTRA	0.75	LAA	11		104.8
	B AM. SULFATE	8.50	PMG	11		
8A	ROUNDUP ULTRA	0.75	LAA	12		142.9
	B AM. SULFATE	8.50	PMG	12		
9A	ROUNDUP ULTRA	0.75	LAA	13		120.0
	B AM. SULFATE	8.50	PMG	13		
10A»	HAND WEEDED	0.00	NA	0		162.3
					LSD (0.05)	17.92
					STANDARD DEVIATION	9.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/21/1999(1)
 11 = ----- / EPOST 06/10/1999(2)
 12 = ----- / POST 06/22/1999(3)
 13 = ----- / LPOST 06/30/1999(4)

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 %	07/11/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/11/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	07/11/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/30/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	07/30/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBTR	CON %	07/30/1999	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR