

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 30
 PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/07/02	06/19/02	AME
AIR TEMPERATURE	59	85	F
% REL.HUMIDITY	81	70	
WIND DIRECTION	NORTHEAST	SOUTHWEST	
WIND SPEED	8.0	10.0	M/H
CLOUD COVER	OVERCAST	CLEAR	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
RAGWEED, GIANT		HGH/14 4.00/8.00	IN
CORN, DENT		---/15	
DEKALB 53-34RRYG		9.00/9.00	IN
05/05/2002			

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED

DATA MEAN

TITLE: Giant ragweed control systems in corn SW - 1600

CREATED: 04/19/2002 REVISED: 10/28/2002

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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMBTR	ZEAMD	AMBTR	ZEAMD	AMBTR
		RATE	UNIT		CON % 06/19/02	CON % 06/19/02	CON % 07/02/02	CON % 07/02/02	CON % 07/16/02	CON % 07/16/02
1A»	LUMAX 3.9L	1.97	LAA	9	0	85	0	82	0	72
B	ATRAZINE DF	1.50	LAA	9						
2A»	LUMAX 3.9L	2.46	LAA	9	0	86	0	83	0	85
B	ATRAZINE DF	1.38	LAA	9						
3A»	LUMAX 3.9L	2.95	LAA	9	0	86	0	84	0	86
B	ATRAZINE DF	1.25	LAA	9						
4A»	BICEP II MAGNU	2.89	LAA	9	0	88	0	88	0	68
B»	BALANCE PRO 4S	0.07	LAA	9						
5A»	BICEP II MAGNU	2.89	LAA	9	0	84	0	83	0	67
B»	BALANCE PRO 4S	0.094	LAA	9						
6A»	GUARDS MAX 5L	2.90	LAA	9	0	65	0	63	0	52
B	CLARITY	0.50	LAA	9						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	GUARDS MAX 5L	2.90	LAA	9	0	70	0	99	0	99
B»	DISTINCT 70WG	0.26	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
9A»	GUARDS MAX 5L	2.90	LAA	9	0	68	0	93	0	99
B»	DISTINCT 70WG	0.175	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
10A»	OUTLOOK 6EC	1.15	LAA	9	0	72	0	99	0	99
B	ATRAZINE DF	1.20	LAA	9						
C»	DISTINCT 70WG	0.26	LAA	11						
D	ATRAZINE DF	1.00	LAA	11						
E»	ACTIVATOR 90	0.25	PMV	11						
F»	LIQUID AMS	2.50	PMV	11						
11A»	OUTLOOK 6EC	1.15	LAA	9	0	68	0	98	0	99
B	ATRAZINE DF	1.20	LAA	9						
C»	DISTINCT 70WG	0.175	LAA	11						
D	ATRAZINE DF	1.00	LAA	11						
E»	ACTIVATOR 90	0.25	PMV	11						
F»	LIQUID AMS	2.50	PMV	11						
12A»	DEGREE XTRA 4S	3.25	LAA	9	0	60	0	88	0	98
B»	YUKON 67.5WG	0.169	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
13A»	FULTIME 4SC	3.25	LAA	9	0	65	0	93	0	82
B»	HORNET 68.5WG	0.128	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
14A»	TOPNOTCH	2.00	LAA	9	0	67	0	93	0	99
B	ATRAZINE DF	1.20	LAA	9						
C»	HORNET 68.5WG	0.128	LAA	11						
D	ATRAZINE DF	1.00	LAA	11						
E»	ACTIVATOR 90	0.25	PMV	11						
F»	LIQUID AMS	2.50	PMV	11						
15A»	BICEP II MAGNU	2.89	LAA	9	0	62	0	88	0	96
B»	NORTHSTAR 47.4	0.148	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						

DATA MEAN

TITLE: Giant ragweed control systems in corn SW - 1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMBTR	ZEAMD	AMBTR	ZEAMD	AMBTR
		RATE	UNIT		CON % 06/19/02	CON % 06/19/02	CON % 07/02/02	CON % 07/02/02	CON % 07/16/02	CON % 07/16/02
16A	BICEP II MAGNU	2.89	LAA	9	0	57	0	77	0	91
	B»SPIRIT 57WG	0.036	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
17A	BICEP II MAGNU	2.89	LAA	9	0	73	0	98	0	98
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
18A	DEFINE 60DF	0.06	LAA	9	0	62	10	99	0	99
	B ATRAZINE DF	1.20	LAA	9						
	C BUCTRIL+ATRA	1.13	LAA	11						
	D»COC	1.00	PMV	11						
		LSD (0.05)			0.00	10.82	0.00	6.49	0.00	9.44
		STANDARD DEVIATION			0.00	5.35	0.00	3.21	0.00	4.67

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/07/2002 (1)
 11 = ----- / EPOST 06/19/2002 (2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	CON %	06/19/2002	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMBTR	CON %	06/19/2002	02	P	AMBTR	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ZEAMD	CON %	07/02/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBTR	CON %	07/02/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	07/16/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMBTR	CON %	07/16/2002	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 53-34RRYG

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED