

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/07/04	AME
AIR TEMPERATURE	81	F
% REL. HUMIDITY	60	
WIND DIRECTION	SOUTH	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/17	
MYCOGEN 2A812LL	16.0/20.0	IN
04/28/2004		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	2.00/12.0	IN
LAMBSQUARTERS, C	---/19	
	2.00/8.00	IN

*** TIMING CODES**

12 = ----- / POST

*** STAGE CODE**

17 = 7 LEAVES UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Postemergence Waterhemp Control in Corn AS-400
CREATED: 04/09/2004 **REVISED:** 08/17/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMATA	CHEAL	ZEAMD	AMATA	CHEAL
		RATE	UNIT		CON % 06/17/04	CON % 06/17/04	CON % 06/17/04	CON % 07/08/04	CON % 07/08/04	CON % 07/08/04
1A	DISTINCT 70WG	0.175	LAA	12	0	85	93	0	95	95
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
2A	CALLISTO 4SC	0.094	LAA	12	0	78	72	0	95	95
	B ATRAZINE DF	0.25	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	NORTHSTAR 47.4	0.148	LAA	12	0	63	67	0	67	90
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	HORNET 68.5WG	0.128	LAA	12	0	33	67	0	33	88
	B ATRAZINE DF	0.75	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
5A	BUCTRIL+ATRA	0.75	LAA	12	0	45	80	0	62	96
	B»COC	1.00	PMV	12						
6A	ATRAZINE DF	1.00	LAA	12	0	20	68	0	20	92
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
7A	CELEBRITY PLUS	0.21	LAA	12	0	87	92	0	93	95
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	LADDOK SP-12 (1.04	LAA	12	0	40	78	0	37	83
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
9A	EQUIP 62WG	0.058	LAA	12	8	78	73	0	92	95
	B»CALLISTO 4SC	0.063	LAA	12						
	C ATRAZINE DF	0.25	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
10A	PRIORITY 62.5W	0.039	LAA	12	0	33	33	0	23	37
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	PRIORITY 62.5W	0.039	LAA	12	1	40	40	0	23	40
	B»COC	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	PRIORITY 62.5W	0.039	LAA	12	0	47	53	0	40	82
	B ATRAZINE DF	0.50	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	PRIORITY 62.5W	0.039	LAA	12	0	52	57	0	43	77
	B ATRAZINE DF	0.50	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	PRIORITY 62.5W	0.039	LAA	12	0	60	68	0	72	72
	B BANVEL 4SL	0.125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
16A	PRIORITY 62.5W	0.039	LAA	12	2	77	78	0	80	88
	B BANVEL 4SL	0.25	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	AMATA	CHEAL	ZEAMD	AMATA	CHEAL
		RATE	UNIT	CON % 06/17/04	CON % 06/17/04	CON % 06/17/04	CON % 07/08/04	CON % 07/08/04	CON % 07/08/04
17A»	PRIORITY 62.5W	0.039	LAA 12	0	72	83	0	78	82
	B»BANVEL K+ATZ 3	0.60	LAA 12						
	C»ACTIVATOR 90	0.25	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
18A»	PRIORITY 62.5W	0.039	LAA 12	0	75	83	0	72	73
	B»DISTINCT 70WG	0.044	LAA 12						
	C»ACTIVATOR 90	0.25	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
19A»	STARANE 1.5L	0.12	LAA 12	0	0	0	0	0	0
20A»	GF-1203 1.5L	0.24	LAA 12	0	0	40	0	0	50
	STANDARD DEVIATION	LSD (0.05)		1.59	5.33	6.00	0.00	6.88	8.30
				0.786	2.64	2.94	0.00	3.40	4.11

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
12 = ----- / POST 06/07/2004(1)

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 %	06/17/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/17/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/17/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/08/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	07/08/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	07/08/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = MYCOGEN 2A812LL