

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/05/00	05/30/00	AME
AIR TEMPERATURE	75	79	F
% REL. HUMIDITY	70	60	
WIND DIRECTION	SOUTH	NORTH	
WIND SPEED	5.0	10.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT		---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/13	
GARST8600IT		8.00/8.00	IN
05/05/2000			
*** PEST ***			
WATERHEMP, COMMO		---/14	
		2.00/2.00	IN
LAMBSQUARTERS, C		---/18	
		2.00/2.00	IN
SMARTWEED, PENNS		---/14	
		2.00/2.00	IN
FOXTAIL, GIANT		---/11	
		2.00/2.00	IN
COCKLEBUR, COMMO		---/10	
		1.00/1.00	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CNOVWH METO-S SYSTEMS FOR CO. WATERHEMP CONTROL IN LLCORN AS-400
CREATED: 04/11/2000 **REVISED:** 07/27/2000 **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	SETFA	AMATA	CHEAL	XANST	POLPY
		RATE	UNIT		06/07/00	06/07/00	06/07/00	06/07/00	06/07/00	06/07/00
1A	DUAL II MAGNUM	1.91	LAA	9	0	94	89	74	30	77
2A	DUAL II MAGNUM	1.91	LAA	9	0	96	98	87	50	93
	B ATRAZINE DF	0.75	LAA	9						
3A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	98	77	99
	B ATRAZINE DF	1.00	LAA	9						
4A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	99	75	99
	B ATRAZINE DF	1.50	LAA	9						
5A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	99	99	99
	B ATRAZINE DF	0.75	LAA	9						
	C>NORTHSTAR 47.4	0.148	LAA	11						
	D>COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
6A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	98	98	99
	B ATRAZINE DF	1.00	LAA	9						
	C>NORTHSTAR 47.4	0.148	LAA	11						
	D>COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
7A	DUAL II MAGNUM	1.91	LAA	9	0	99	99	99	98	99
	B ATRAZINE DF	1.50	LAA	9						
	C>NORTHSTAR 47.4	0.148	LAA	11						
	D>COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	94	89	97
	B ATRAZINE DF	0.75	LAA	11						
	C>COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
10A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	98	95	98
	B ATRAZINE DF	1.00	LAA	11						
	C>COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
11A	DUAL II MAGNUM	1.91	LAA	9	0	99	99	99	97	99
	B ATRAZINE DF	1.50	LAA	11						
	C>COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
12A	DUAL II MAGNUM	1.91	LAA	9	0	97	99	99	98	99
	B>NORTHSTAR 47.4	0.148	LAA	11						
	C>COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
13A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	99	99	99
	B ATRAZINE DF	0.75	LAA	11						
	C>NORTHSTAR 47.4	0.148	LAA	11						
	D>COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
14A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	99	99	99
	B ATRAZINE DF	1.00	LAA	11						
	C>NORTHSTAR 47.4	0.148	LAA	11						
	D>COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
15A	DUAL II MAGNUM	1.91	LAA	9	0	99	99	99	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C>NORTHSTAR 47.4	0.148	LAA	11						
	D>COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						

TITLE: CNOVWH METO-S SYSTEMS FOR CO. WATERHEMP CONTROL IN LLCORN AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD 06/07/00	SETFA 06/07/00	AMATA 06/07/00	CHEAL 06/07/00	XANST 06/07/00	POLPY 06/07/00
		RATE	UNIT	TM						
16A	DUAL II MAGNUM	1.91	LAA	9	0	98	99	99	99	99
	B ATRAZINE DF	0.75	LAA	11						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
17A	DUAL II MAGNUM	1.91	LAA	9	0	99	99	99	98	99
	B ATRAZINE DF	1.00	LAA	11						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
18A	DUAL II MAGNUM	1.91	LAA	9	0	99	99	99	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
19A	DUAL II MAGNUM	1.91	LAA	9	8	95	99	99	98	99
	B ATRAZINE DF	1.00	LAA	9						
	C»AIM 40 DF	0.008	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
20A	DUAL II MAGNUM	1.91	LAA	9	8	99	99	99	98	99
	B ATRAZINE DF	1.00	LAA	11						
	C»AIM 40 DF	0.008	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
21A	DUAL II MAGNUM	1.91	LAA	9	7	99	99	98	98	99
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»AIM 40 DF	0.008	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
22A	DUAL II MAGNUM	1.91	LAA	9	8	97	99	99	99	99
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»AIM 40 DF	0.008	LAA	11						
	E»ACTIVATOR 90	0.25	PMV	11						
	F AM. SULFATE	12.50	PMG	11						
23A	DUAL II MAGNUM	1.91	LAA	9	7	96	99	99	98	99
	B»AIM 40 DF	0.008	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
24A	DUAL II MAGNUM	1.91	LAA	9	0	97	99	99	95	99
	B ATRAZINE DF	0.75	LAA	9						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
25A	DUAL II MAGNUM	1.91	LAA	9	0	95	99	96	98	99
	B»LIBERTY	0.16	LAA	11						
	C»COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
26A	AXIOM	0.43	LAA	9	0	92	99	99	99	99
	B»LIBERTY ATZ 4.	1.08	LAA	11						
	C AM. SULFATE	17.00	PMG	11						
27A	EPIC 58DF	0.25	LAA	9	0	92	99	98	98	99
	B»LIBERTY ATZ 4.	1.08	LAA	11						
	C AM. SULFATE	17.00	PMG	11						
28A	BALANCE PRO 4S	0.055	LAA	9	0	85	99	99	97	99
	B»LIBERTY	0.31	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
		LSD (0.05)			1.89	3.42	2.75	4.83	5.35	3.48
		STANDARD DEVIATION			0.943	1.71	1.38	2.41	2.67	1.74

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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	SETFA	AMATA	CHEAL	XANST	POLPY
		RATE	UNIT		06/28/00	06/28/00	06/28/00	06/28/00	06/28/00	06/28/00
1A»	DUAL II MAGNUM	1.91	LAA	9	0	89	83	65	37	67
2A»	DUAL II MAGNUM	1.91	LAA	9	0	88	86	93	50	90
	B ATRAZINE DF	0.75	LAA	9						
3A»	DUAL II MAGNUM	1.91	LAA	9	0	92	90	90	53	91
	B ATRAZINE DF	1.00	LAA	9						
4A»	DUAL II MAGNUM	1.91	LAA	9	0	94	90	98	63	98
	B ATRAZINE DF	1.50	LAA	9						
5A»	DUAL II MAGNUM	1.91	LAA	9	0	92	95	98	67	96
	B ATRAZINE DF	0.75	LAA	9						
	C»NORTHSTAR 47.4	0.148	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
6A»	DUAL II MAGNUM	1.91	LAA	9	0	87	95	98	77	98
	B ATRAZINE DF	1.00	LAA	9						
	C»NORTHSTAR 47.4	0.148	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
7A»	DUAL II MAGNUM	1.91	LAA	9	0	93	99	99	87	99
	B ATRAZINE DF	1.50	LAA	9						
	C»NORTHSTAR 47.4	0.148	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A»	DUAL II MAGNUM	1.91	LAA	9	0	93	93	99	87	99
	B ATRAZINE DF	0.75	LAA	11						
	C»COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
10A»	DUAL II MAGNUM	1.91	LAA	9	0	93	91	98	89	99
	B ATRAZINE DF	1.00	LAA	11						
	C»COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
11A»	DUAL II MAGNUM	1.91	LAA	9	0	96	98	99	87	99
	B ATRAZINE DF	1.50	LAA	11						
	C»COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
12A»	DUAL II MAGNUM	1.91	LAA	9	0	91	98	98	88	99
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
13A»	DUAL II MAGNUM	1.91	LAA	9	0	93	98	99	90	99
	B ATRAZINE DF	0.75	LAA	11						
	C»NORTHSTAR 47.4	0.148	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
14A»	DUAL II MAGNUM	1.91	LAA	9	0	93	99	99	92	99
	B ATRAZINE DF	1.00	LAA	11						
	C»NORTHSTAR 47.4	0.148	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
15A»	DUAL II MAGNUM	1.91	LAA	9	0	95	98	99	87	99
	B ATRAZINE DF	1.50	LAA	11						
	C»NORTHSTAR 47.4	0.148	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						

TITLE: CNOVWH METO-S SYSTEMS FOR CO. WATERHEMP CONTROL IN LLCORN AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD 06/28/00	SETFA 06/28/00	AMATA 06/28/00	CHEAL 06/28/00	XANST 06/28/00	POLPY 06/28/00
		RATE	UNIT	TM						
16A	DUAL II MAGNUM	1.91	LAA	9	0	87	96	92	73	95
	B ATRAZINE DF	0.75	LAA	11						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
17A	DUAL II MAGNUM	1.91	LAA	9	0	92	96	99	78	99
	B ATRAZINE DF	1.00	LAA	11						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
18A	DUAL II MAGNUM	1.91	LAA	9	0	94	99	99	92	99
	B ATRAZINE DF	1.50	LAA	11						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
19A	DUAL II MAGNUM	1.91	LAA	9	0	88	86	99	73	99
	B ATRAZINE DF	1.00	LAA	9						
	C»AIM 40 DF	0.008	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
20A	DUAL II MAGNUM	1.91	LAA	9	0	92	93	99	78	99
	B ATRAZINE DF	1.00	LAA	11						
	C»AIM 40 DF	0.008	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
21A	DUAL II MAGNUM	1.91	LAA	9	0	91	94	99	88	99
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C»AIM 40 DF	0.008	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
22A	DUAL II MAGNUM	1.91	LAA	9	0	89	96	99	89	99
	B»NORTHSTAR 47.4	0.148	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»AIM 40 DF	0.008	LAA	11						
	E»ACTIVATOR 90	0.25	PMV	11						
	F AM. SULFATE	12.50	PMG	11						
23A	DUAL II MAGNUM	1.91	LAA	9	0	73	93	90	78	91
	B»AIM 40 DF	0.008	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
24A	DUAL II MAGNUM	1.91	LAA	9	0	92	92	98	73	95
	B ATRAZINE DF	0.75	LAA	9						
	C»LIBERTY	0.16	LAA	11						
	D»COC	1.25	PMV	11						
	E AM. SULFATE	12.50	PMG	11						
25A	DUAL II MAGNUM	1.91	LAA	9	0	85	83	67	63	85
	B»LIBERTY	0.16	LAA	11						
	C»COC	1.25	PMV	11						
	D AM. SULFATE	12.50	PMG	11						
26A	AXIOM	0.43	LAA	9	0	73	89	98	70	98
	B»LIBERTY ATZ 4.	1.08	LAA	11						
	C AM. SULFATE	17.00	PMG	11						
27A	EPIC 58DF	0.25	LAA	9	0	67	73	98	75	98
	B»LIBERTY ATZ 4.	1.08	LAA	11						
	C AM. SULFATE	17.00	PMG	11						
28A	BALANCE PRO 4S	0.055	LAA	9	0	70	83	92	68	95
	B»LIBERTY	0.31	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
		LSD (0.05)			0.00	5.76	7.00	5.33	8.77	5.85
		STANDARD DEVIATION			0.00	2.88	3.48	2.66	4.39	2.92

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/05/2000(1)

11 = ----- / EPOST 05/30/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD		06/07/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		06/07/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA		06/07/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL		06/07/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST		06/07/2000	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY		06/07/2000	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		06/28/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		06/28/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA		06/28/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL		06/28/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST		06/28/2000	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY		06/28/2000	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT