

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/14/99	06/08/99	AME
AIR TEMPERATURE	64	90	F
% REL.HUMIDITY	60	60	
WIND DIRECTION	---	---	
WIND SPEED	0.0	0.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	WET/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
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			
*** CROP ***			
CORN, DENT		---/14	
GARST8600IT		6.00/8.00	IN
05/12/1999			
*** PEST ***			
WATERHEMP, COMMO		---/15	
		1.00/3.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

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

TITLE: CWSYS CORN HERBICIDE SYSTEMS FOR WH CONTROL ALTAMONT
CREATED: 05/12/1999 **REVISED:** 08/31/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: ALTAMONT **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT TREATMENT	DOSAGE	ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
NUM COMPONENT	RATE UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
		06/04/99	06/04/99	06/16/99	06/16/99	06/25/99	06/25/99
1A»BICEP II MAGNU	1.94 LAA 9	0	99	0	99	0	99
B»NORTHSTAR 47.4	0.148 LAA 12						
C»BICEP II MAGNU	0.95 LAA 12						
D»COC	1.00 PMV 12						
E AM. SULFATE	8.50 PMG 12						
2A PROWL 3.3EC	0.825 LAA 9	0	99	1	99	1	99
B»DISTINCT 70WG	0.263 LAA 12						
C PROWL 3.3EC	0.619 LAA 12						
D»ACTIVATE PLUS	0.25 PMV 12						
E 28% UAN	2.50 PMV 12						
3A GUARDSMAN 5SE	1.88 LAA 9	0	99	2	99	0	99
B MARKSMAN SC	1.20 LAA 12						
C GUARDSMAN 5SE	1.25 LAA 12						
D 28% UAN	2.50 PMV 12						
4A TOPNOTCH (3.2C	1.34 LAA 9	0	99	2	99	0	99
B CLARITY	0.25 LAA 12						
C TOPNOTCH (3.2C	0.66 LAA 12						
D 28% UAN	2.50 PMV 12						
5A»BICEP II MAGNU	2.89 LAA 9	0	99	0	99	0	99
B»NORTHSTAR 47.4	0.148 LAA 12						
C»COC	1.00 PMV 12						
D AM. SULFATE	8.50 PMG 12						
6A TOPNOTCH (3.2C	2.00 LAA 9	0	99	1	99	0	98
B CLARITY	0.25 LAA 12						
C 28% UAN	2.50 PMV 12						
7A CHECK	0.00 NA 0	0	0	0	0	0	0
8A»FULTIME 4SC	2.35 LAA 9	0	99	1	99	0	99
B CLARITY	0.25 LAA 12						
C»FULTIME 4SC	1.16 LAA 12						
D 28% UAN	2.50 PMV 12						
9A»FULTIME 4SC	3.50 LAA 9	0	99	1	99	0	99
B CLARITY	0.25 LAA 12						
C 28% UAN	2.50 PMV 12						
10A GUARDSMAN 5SE	3.13 LAA 9	0	99	2	99	1	99
B MARKSMAN SC	1.20 LAA 12						
C 28% UAN	2.50 PMV 12						
11A»FRONTIER 6.0EC	1.41 LAA 9	0	99	1	99	0	99
B»DISTINCT 70WG	0.263 LAA 12						
C»ACTIVATE PLUS	0.25 PMV 12						
D 28% UAN	2.50 PMV 12						
12A»ICIA5676/ZA129	2.19 LAA 9	0	99	1	99	0	99
B»DISTINCT 70WG	0.263 LAA 12						
C»ACTIVATE PLUS	0.25 PMV 12						
D 28% UAN	2.50 PMV 12						
13A TOPNOTCH (3.2C	2.00 LAA 9	0	99	1	99	0	99
B»ZA1296 4SC	0.094 LAA 12						
C»COC	1.00 PMV 12						
D 28% UAN	2.50 PMV 12						
14A»DUAL II MAGNUM	1.59 LAA 9	0	99	9	99	3	99
B»AIM 40 DF	0.008 LAA 12						
C»ACTIVATE PLUS	0.25 PMV 12						
15A PROWL 3.3EC	1.24 LAA 9	0	99	2	99	0	99
B MARKSMAN SC	1.40 LAA 12						
C 28% UAN	2.50 PMV 12						

TITLE: CWHSYS CORN HERBICIDE SYSTEMS FOR WH CONTROL ALTAMONT

TRT	TREATMENT	DOSAGE			ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/04/99	06/04/99	06/16/99	06/16/99	06/25/99	06/25/99
16A»	E9636 25DF	0.031	LAA	9	0	99	1	99	0	98
	B»FOE5043 60WG	0.45	LAA	9						
	C CLARITY	0.25	LAA	12						
	D 28% UAN	2.50	PMV	12						
17A»	MON 58430 3.8M	2.00	LAA	9	0	99	0	99	0	99
18A	HARNESS (7EC)	2.00	LAA	9	0	99	0	99	0	96
19A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	0	99	0	99
20A»	DUAL II MAGNUM	1.59	LAA	9	0	99	1	99	0	99
	B MARKSMAN SC	1.40	LAA	12						
	C 28% UAN	2.50	PMV	12						
LSD (0.05)					0.00	0.00	1.72	0.00	0.654	1.50
STANDARD DEVIATION					0.00	0.00	0.849	0.00	0.324	0.743

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LOCATION: ALTAMONT **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD	AMATA
				CON % 07/21/99	CON % 07/21/99
1A»BICEP II MAGNU	1.94	LAA	9	0	98
B»NORTHSTAR 47.4	0.148	LAA	12		
C»BICEP II MAGNU	0.95	LAA	12		
D»COC	1.00	PMV	12		
E AM. SULFATE	8.50	PMG	12		
2A PROWL 3.3EC	0.825	LAA	9	0	99
B»DISTINCT 70WG	0.263	LAA	12		
C PROWL 3.3EC	0.619	LAA	12		
D»ACTIVATE PLUS	0.25	PMV	12		
E 28% UAN	2.50	PMV	12		
3A GUARDSMAN 5SE	1.88	LAA	9	0	99
B MARKSMAN SC	1.20	LAA	12		
C GUARDSMAN 5SE	1.25	LAA	12		
D 28% UAN	2.50	PMV	12		
4A TOPNOTCH (3.2C	1.34	LAA	9	0	99
B CLARITY	0.25	LAA	12		
C TOPNOTCH (3.2C	0.66	LAA	12		
D 28% UAN	2.50	PMV	12		
5A»BICEP II MAGNU	2.89	LAA	9	0	99
B»NORTHSTAR 47.4	0.148	LAA	12		
C»COC	1.00	PMV	12		
D AM. SULFATE	8.50	PMG	12		
6A TOPNOTCH (3.2C	2.00	LAA	9	0	99
B CLARITY	0.25	LAA	12		
C 28% UAN	2.50	PMV	12		
7A CHECK	0.00	NA	0	0	0
8A»FULTIME 4SC	2.35	LAA	9	0	99
B CLARITY	0.25	LAA	12		
C»FULTIME 4SC	1.16	LAA	12		
D 28% UAN	2.50	PMV	12		
9A»FULTIME 4SC	3.50	LAA	9	0	99
B CLARITY	0.25	LAA	12		
C 28% UAN	2.50	PMV	12		
10A GUARDSMAN 5SE	3.13	LAA	9	0	99
B MARKSMAN SC	1.20	LAA	12		
C 28% UAN	2.50	PMV	12		
11A»FRONTIER 6.0EC	1.41	LAA	9	0	99
B»DISTINCT 70WG	0.263	LAA	12		
C»ACTIVATE PLUS	0.25	PMV	12		
D 28% UAN	2.50	PMV	12		
12A»ICIA5676/ZA129	2.19	LAA	9	0	99
B»DISTINCT 70WG	0.263	LAA	12		
C»ACTIVATE PLUS	0.25	PMV	12		
D 28% UAN	2.50	PMV	12		
13A TOPNOTCH (3.2C	2.00	LAA	9	0	99
B»ZA1296 4SC	0.094	LAA	12		
C»COC	1.00	PMV	12		
D 28% UAN	2.50	PMV	12		
14A»DUAL II MAGNUM	1.59	LAA	9	0	98
B»AIM 40 DF	0.008	LAA	12		
C»ACTIVATE PLUS	0.25	PMV	12		
15A PROWL 3.3EC	1.24	LAA	9	0	99
B MARKSMAN SC	1.40	LAA	12		
C 28% UAN	2.50	PMV	12		

TITLE: CWHYSYS CORN HERBICIDE SYSTEMS FOR WH CONTROL ALTAMONT

TRT	TREATMENT	DOSAGE	ZEAMD	AMATA
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	TM 07/21/99	07/21/99
16A»	E9636 25DF	0.031	LAA 9	0
	B»FOE5043 60WG	0.45	LAA 9	93
	C CLARITY	0.25	LAA 12	
	D 28% UAN	2.50	PMV 12	
17A»	MON 58430 3.8M	2.00	LAA 9	0
				99
18A	HARNESS (7EC)	2.00	LAA 9	0
				88
19A	TOPNOTCH (3.2C	2.00	LAA 9	0
				95
20A»	DUAL II MAGNUM	1.59	LAA 9	0
	B MARKSMAN SC	1.40	LAA 12	99
	C 28% UAN	2.50	PMV 12	
LSD (0.05)			0.00	2.42
STANDARD DEVIATION			0.00	1.20

» = SUPPLEMENTAL CHEMICAL

*** TIMING CODES**

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/14/1999(1)

12 = ----- / POST 06/08/1999(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	CON %	06/04/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/04/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/16/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/16/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	06/25/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/25/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/21/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)**

01 = GARST8600IT