

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/01	05/18/01	AME
AIR TEMPERATURE	78	76	F
% REL. HUMIDITY	43	70	
WIND DIRECTION	SOUTHWEST	WEST	
WIND SPEED	8.0	2.0	M/H
CLOUD COVER	PARTCLDY	OVERCAST	
DEW	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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			
*** CROP ***			
CORN, DENT		NA/13	
PIONEER 34R07		6.00/6.00	IN
05/01/2001			
*** PEST ***			
WATERHEMP, COMMO		MED/13	
		1.00/1.00	IN

* TIMING CODES

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

* STAGE CODE

13 = 3 LEAVES UNFOLDED

DATA MEAN

TITLE: ACWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN St Elmo
CREATED: 04/30/2001 **REVISED:** 02/01/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: ST ELMO **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	ZEAMD	AMATA	ZEAMD	AMATA
		RATE	UNIT	TM	CON % 05/18/01	CON % 06/15/01	CON % 06/15/01	CON % 07/04/01	CON % 07/04/01
1A	BICEP II MAGNU	1.47	LAA	9	99	0	99	0	99
B	BICEP II MAGNU	0.78	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
2A	BICEP II MAGNU	2.21	LAA	9	99	0	93	0	95
3A	DUAL II MAGNUM	0.85	LAA	9	88	0	87	0	87
B	DUAL II MAGNUM	0.42	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
4A	DUAL II MAGNUM	1.27	LAA	9	96	0	68	0	76
5A	PROWL 3.3EC	0.83	LAA	9	99	0	94	0	94
B	ATRAZINE DF	1.00	LAA	9					
C	PROWL 3.3EC	0.41	LAA	11					
D	ATRAZINE DF	0.50	LAA	11					
E	CLARITY	0.25	LAA	11					
F	28% UAN	2.50	PMV	11					
6A	PROWL 3.3EC	1.24	LAA	9	99	0	85	0	91
B	ATRAZINE DF	1.50	LAA	9					
7A	PROWL 3.3EC	0.83	LAA	9	98	0	88	0	88
B	PROWL 3.3EC	0.41	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
8A	CHECK	0.00	NA	0	0	0	0	0	0
9A	PROWL 3.3EC	1.24	LAA	9	99	0	50	0	53
10A	FULTIME 4SC	2.00	LAA	9	99	0	96	0	96
B	FULTIME 4SC	1.00	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
11A	FULTIME 4SC	3.00	LAA	9	99	0	99	0	99
12A	TOPNOTCH (3.2C	1.20	LAA	9	99	0	99	0	99
B	TOPNOTCH (3.2C	0.60	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
13A	TOPNOTCH (3.2C	1.80	LAA	9	99	0	97	0	97
14A	GUARDSMAN	1.46	LAA	9	99	0	85	0	85
B	GUARDSMAN	0.73	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
15A	GUARDSMAN	2.19	LAA	9	99	0	73	0	89
16A	FRONTIER 6.0EC	0.63	LAA	9	90	0	73	0	73
B	FRONTIER 6.0EC	0.31	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
17A	FRONTIER 6.0EC	0.94	LAA	9	85	0	53	0	65
18A	DEGREE 3.8SC	1.20	LAA	9	99	0	99	0	99
B	DEGREE 3.8SC	0.60	LAA	11					
C	CLARITY	0.25	LAA	11					
D	28% UAN	2.50	PMV	11					
19A	DEGREE 3.8SC	1.80	LAA	9	99	0	99	0	99

DATA MEAN

TITLE: ACWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN St Elmo

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	ZEAMD	AMATA	ZEAMD	AMATA	
		RATE	UNIT		CON % 05/18/01	CON % 06/15/01	CON % 06/15/01	CON % 07/04/01	CON % 07/04/01	
20A	DEGREE XTRA 4S	1.93	LAA 9		99	0	99	0	99	
	B>>DEGREE XTRA 4S	0.97	LAA 11							
	C CLARITY	0.25	LAA 11							
	D 28% UAN	2.50	PMV 11							
21A	DEGREE XTRA 4S	2.90	LAA 9		99	0	99	0	99	
22A	HARNESS (7EC)	1.17	LAA 9		99	0	99	0	99	
	B HARNESS (7EC)	0.58	LAA 11							
	C CLARITY	0.25	LAA 11							
	D 28% UAN	2.50	PMV 11							
23A	HARNESS (7EC)	1.75	LAA 9		99	0	79	0	86	
24A	HARNESS XTRA	1.87	LAA 9		99	0	93	0	93	
	B HARNESS XTRA	0.93	LAA 11							
	C CLARITY	0.25	LAA 11							
	D 28% UAN	2.50	PMV 11							
25A	HARNESS XTRA	2.80	LAA 9		99	0	95	0	95	
26A	PRINCEP 4L	1.50	LAA 9		99	0	65	0	72	
	B ATRAZINE DF	1.50	LAA 11							
	C CLARITY	0.25	LAA 11							
	D 28% UAN	2.50	PMV 11							
27A	PRINCEP 4L	1.50	LAA 9		99	0	78	0	81	
	B ATRAZINE DF	1.50	LAA 9							
28A	HAND WEDED	0.00	NA 0		99	0	98	0	98	
	B>>BICEP II MAGNU	2.89	LAA 9							
					LSD (0.05)	7.52	0.00	16.77	0.00	15.24
					STANDARD DEVIATION	3.76	0.00	8.39	0.00	7.62

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/2001(1)
 11 = ----- / EPOST 05/18/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	AMATA	CON %	05/18/2001	02	P	AMATA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	ZEAMD	CON %	06/15/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMATA	CON %	06/15/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	07/04/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	AMATA	CON %	07/04/2001	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34R07

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED