

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 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	05/22/01	AME
AIR TEMPERATURE	85	58	F
% REL.HUMIDITY	27	52	
WIND DIRECTION	SOUTH	WEST	
WIND SPEED	10.0	10.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	MOIST	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
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		---/13	
PIONEER 34R07		5.00/5.00	IN
05/03/2001			
*** PEST ***			
WATERHEMP, COMMO		---/12	
		0.50/0.50	IN
FOXTAIL, GIANT		---/11	
		1.00/2.00	IN

* TIMING CODES

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

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED

DATA MEAN

TITLE: UCWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN AS-400

CREATED: 04/18/2001 REVISED: 08/21/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

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			ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
		RATE	UNIT	TM	CON % 06/05/01	CON % 06/05/01	CON % 06/05/01	CON % 06/19/01	CON % 06/19/01	CON % 06/19/01
1A	BICEP II MAGNU	1.93	LAA	9	0	69	99	0	91	99
B	BICEP II MAGNU	0.96	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
2A	BICEP II MAGNU	2.89	LAA	9	0	75	99	0	82	99
3A	DUAL II MAGNUM	1.06	LAA	9	0	73	96	0	76	99
B	DUAL II MAGNUM	0.53	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
4A	DUAL II MAGNUM	1.59	LAA	9	0	77	99	0	75	99
5A	PROWL 3.3EC	1.10	LAA	9	0	63	99	0	89	99
B	ATRAZINE DF	1.33	LAA	9						
C	PROWL 3.3EC	0.55	LAA	11						
D	ATRAZINE DF	0.67	LAA	11						
E	CLARITY	0.25	LAA	11						
F	28% UAN	2.50	PMV	11						
6A	PROWL 3.3EC	1.65	LAA	9	0	69	94	0	50	96
B	ATRAZINE DF	2.00	LAA	9						
7A	PROWL 3.3EC	1.10	LAA	9	0	62	86	0	55	99
B	PROWL 3.3EC	0.55	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	0
9A	PROWL 3.3EC	1.65	LAA	9	0	56	93	0	48	99
10A	FULTIME 4SC	2.33	LAA	9	0	82	99	0	97	99
B	FULTIME 4SC	1.17	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
11A	FULTIME 4SC	3.50	LAA	9	0	90	99	0	96	99
12A	TOPNOTCH (3.2C	1.33	LAA	9	0	87	99	0	89	99
B	TOPNOTCH (3.2C	0.67	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
13A	TOPNOTCH (3.2C	2.00	LAA	9	0	88	99	0	96	99
14A	GUARDSMAN	2.09	LAA	9	0	78	99	0	97	99
B	GUARDSMAN	1.04	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
15A	GUARDSMAN	3.13	LAA	9	0	70	99	0	80	99
16A	FRONTIER 6.0EC	0.87	LAA	9	0	79	99	0	80	99
B	FRONTIER 6.0EC	0.44	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
17A	FRONTIER 6.0EC	1.31	LAA	9	0	73	99	0	73	98
18A	DEGREE 3.8SC	1.53	LAA	9	0	82	99	0	87	99
B	DEGREE 3.8SC	0.77	LAA	11						
C	CLARITY	0.25	LAA	11						
D	28% UAN	2.50	PMV	11						
19A	DEGREE 3.8SC	2.30	LAA	9	0	83	99	0	91	99

DATA MEAN

TITLE: UCWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN AS-400

TRT TREATMENT NUM COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
	RATE	UNIT	TM	CON % 06/05/01	CON % 06/05/01	CON % 06/05/01	CON % 06/19/01	CON % 06/19/01	CON % 06/19/01
20A»DEGREE XTRA 4S	2.13	LAA	9	0	84	99	0	96	99
B»DEGREE XTRA 4S	1.07	LAA	11						
C CLARITY	0.25	LAA	11						
D 28% UAN	2.50	PMV	11						
21A»DEGREE XTRA 4S	3.20	LAA	9	0	79	93	0	96	99
22A HARNESS (7EC)	1.46	LAA	9	0	87	99	0	97	99
B HARNESS (7EC)	0.73	LAA	11						
C CLARITY	0.25	LAA	11						
D 28% UAN	2.50	PMV	11						
23A HARNESS (7EC)	2.19	LAA	9	0	86	99	0	92	99
24A HARNESS XTRA	2.33	LAA	9	0	90	99	0	98	99
B HARNESS XTRA	1.17	LAA	11						
C CLARITY	0.25	LAA	11						
D 28% UAN	2.50	PMV	11						
25A HARNESS XTRA	3.50	LAA	9	0	93	99	0	94	99
26A PRINCEP 4L	1.50	LAA	9	0	53	99	0	85	99
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	0	53	99	0	50	99
B ATRAZINE DF	1.50	LAA	9						
28A»HAND WEEDED	0.00	NA	0	0	99	99	0	99	99
	LSD (0.05)			0.00	13.67	5.82	0.00	13.38	1.77
	STANDARD DEVIATION			0.00	6.83	2.91	0.00	6.69	0.883

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/2001(1)
 11 = ----- / EPOST 05/22/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	06/05/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/05/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMATA	CON %	06/05/2001	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	06/19/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SETFA	CON %	06/19/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMATA	CON %	06/19/2001	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34R07