

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: NA - NONE
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/05/00	05/25/00	AME
AIR TEMPERATURE	76	85	F
% REL.HUMIDITY	70	30	
WIND DIRECTION	SOUTH	NORTHWEST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	
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		---/13	
PIONEER 34R07		5.50/5.50	IN
05/05/2000			
*** PEST ***			
VELVETLEAF		MED/10	
		0.50/0.50	IN
PIGWEEED, REDROOT		MED/10	
		0.50/0.50	IN
WATERHEMP, COMMO		HGH/10	
		0.50/0.50	IN
LAMBSQUARTERS, C		MED/10	
		0.50/0.50	IN
FOXTAIL, GIANT		HGH/11	
		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

TITLE: UCWHSPLT SPLIT APPLICATIONS FOR CO WH CONTROL IN CORN AS-400
CREATED: 04/25/2000 **REVISED:** 11/03/2000 **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		TM	ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
		RATE	UNIT		06/08/00	06/08/00	06/08/00	06/22/00	06/22/00	06/22/00
1A	BICEP II MAGNU	1.93	LAA	9	0	94	98	0	87	86
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	73	93	0	71	64
3A	DUAL II MAGNUM	1.06	LAA	9	0	82	99	0	81	55
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	64	94	0	63	47
5A	PROWL 3.3EC	1.10	LAA	9	0	82	97	0	72	15
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	91	0	45	15
B	ATRAZINE DF	2.00	LAA	9						
7A	PROWL 3.3EC	1.10	LAA	9	0	62	83	0	23	17
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	45	70	0	0	10
10A	FULTIME 4SC	2.33	LAA	9	0	96	99	0	94	98
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	81	87
12A	TOPNOTCH (3.2C	1.33	LAA	9	0	98	99	0	96	93
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	89	98	0	92	78
14A	GUARDSMAN	2.09	LAA	9	0	96	98	0	96	85
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	83	89	0	78	69
16A	FRONTIER 6.0EC	0.87	LAA	9	0	84	94	0	78	58
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	84	91	0	88	78
18A	DEGREE 3.8SC	1.53	LAA	9	0	92	99	0	91	95
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	84	98	0	84	93

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

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD 06/08/00	SETFA 06/08/00	AMATA 06/08/00	ZEAMD 06/22/00	SETFA 06/22/00	AMATA 06/22/00
		RATE	UNIT							
20A	DEGREE XTRA 4S	2.13	LAA	9	0	93	98	0	95	95
	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	84	99	0	82	90
22A	HARNESS (7EC)	1.46	LAA	9	0	95	99	0	88	98
	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	79	99	0	83	80
24A	HARNESS XTRA	2.33	LAA	9	0	90	99	0	94	93
	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	80	98	0	71	85
26A	PRINCEP 4L	1.50	LAA	9	0	70	94	0	33	23
	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	65	91	0	40	53
	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	14.09	8.00	0.00	15.00	16.44
		STANDARD DEVIATION			0.00	7.00	4.00	0.00	7.48	8.22

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/05/2000(1)
 11 = ----- / EPOST 05/25/2000(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD		06/08/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		06/08/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA		06/08/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD		06/22/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA		06/22/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA		06/22/2000	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34R07