

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 36 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/27/99	06/21/99	AME
AIR TEMPERATURE	80	78	F
% REL.HUMIDITY	62	70	
WIND DIRECTION	WEST	SOUTHWEST	
WIND SPEED	2.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/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	40.00	40.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT			
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/15	
PIONEER 35N095		14.0/14.0	IN
05/27/1999			
*** PEST ***			
VELVETLEAF		---/14	
		2.00/4.00	IN
JIMSONWEED		---/12	
		1.00/2.00	IN
FOXTAIL, GIANT		---/13	
		2.00/4.00	IN
COCKLEBUR, COMMO		---/12	
		1.00/2.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED

TITLE: CZENSYS2 WEED CONTROL PROGRAMS IN CORN - ZENECA C-400
CREATED: 05/26/1999 **REVISED:** 11/02/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 36.00 FT LONG **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	XANST	DATST	ZEAMD
		RATE	UNIT		CON % 06/11/99	CON % 06/11/99	CON % 06/11/99	CON % 06/11/99	CON % 06/11/99	CON % 07/05/99
1A	»ICIA5676/ZA129	1.97	LAA	9	0	99	99	89	98	0
2A	»ICIA5676/ZA129	2.19	LAA	9	0	99	99	95	99	0
3A	»FULTIME 4SC	2.75	LAA	9	0	99	93	84	98	0
4A	»FULTIME 4SC	3.25	LAA	9	0	99	94	86	94	0
5A	»FULTIME 4SC	3.50	LAA	9	0	99	98	91	97	0
6A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	31	30	45	0
	B»ZA1296 4SC	0.094	LAA	12						
	C»COC	1.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	30	25	48	0
	B»ZA1296 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.25	LAA	12						
	D»COC	1.25	PMV	12						
	E 28% UAN	2.50	PMV	12						
8A	»FULTIME 4SC	3.00	LAA	9	0	99	86	86	94	0
	B»ZA1296 4SC	0.094	LAA	12						
	C»COC	1.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	30	23	45	0
	B MARKSMAN SC	1.20	LAA	12						
11A	»FULTIME 4SC	2.75	LAA	9	0	99	98	91	99	0
	B»BALANCE 75WG	0.094	LAA	9						
12A	»FULTIME 4SC	3.25	LAA	9	0	99	98	90	99	0
	B»BALANCE 75WG	0.047	LAA	9						
13A	»FULTIME 4SC	3.25	LAA	9	0	99	98	93	99	0
	B»BALANCE 75WG	0.07	LAA	9						
14A	»FULTIME 4SC	3.25	LAA	9	0	99	98	90	97	0
	B»BALANCE 75WG	0.094	LAA	9						
15A	TOPNOTCH (3.2C	1.60	LAA	9	0	99	99	56	96	0
	B»BALANCE 75WG	0.094	LAA	9						
16A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	99	78	97	0
	B»BALANCE 75WG	0.094	LAA	9						
17A	»FULTIME 4SC	3.25	LAA	9	0	99	98	91	99	0
	B»ZA1296 4SC	0.094	LAA	9						
18A	»FULTIME 4SC	3.25	LAA	9	0	99	95	89	96	0
	B»HORNET 85.6WG	0.128	LAA	9						
19A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	94	93	99	0
	B»HORNET 85.6WG	0.173	LAA	9						
20A	»EPIC 58DF	0.54	LAA	9	0	99	98	60	87	0
21A	»AXIOM AT 75WG	2.25	LAA	9	0	97	95	78	96	0
22A	»BICEP II MAGNU	2.89	LAA	9	0	98	90	78	98	0
23A	»GUARDSMAN	2.80	LAA	9	0	99	94	69	97	0
24A	HARNES XTRA	3.50	LAA	9	0	99	96	96	97	0

TITLE: CZENYS2 WEED CONTROL PROGRAMS IN CORN - ZENECA C-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	ABUTH	XANST	DATST	ZEAMD	
		RATE	UNIT	TM	CON % 06/11/99	CON % 06/11/99	CON % 06/11/99	CON % 06/11/99	CON % 06/11/99	CON % 07/05/99	
25A	FRONTIER 6.0EC	1.40	LAA	9	0	99	30	30	48	0	
B	MARKSMAN SC	1.40	LAA	12							
26A	DUAL II MAGNUM	1.60	LAA	9	0	99	23	23	46	0	
B	EXCEED 57 WDG	0.036	LAA	12							
C	COC	1.00	PMV	12							
27A	HAND WEEDED	0.00	NA	0	0	99	99	99	99	0	
					LSD (0.05)	0.00	1.33	4.47	12.46	7.49	0.00
					STANDARD DEVIATION	0.00	0.673	2.26	6.29	3.78	0.00

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PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	XANST	DATST	YIELD
		RATE	UNIT		CON % 07/05/99	CON % 07/05/99	CON % 07/05/99	CON % 07/05/99	BU/A 10/05/99
1A	»ICIA5676/ZA129	1.97	LAA	9	94	99	71	91	182.7
2A	»ICIA5676/ZA129	2.19	LAA	9	95	99	84	96	185.5
3A	»FULTIME 4SC	2.75	LAA	9	93	71	48	89	186.8
4A	»FULTIME 4SC	3.25	LAA	9	95	64	50	85	181.1
5A	»FULTIME 4SC	3.50	LAA	9	95	63	63	91	182.1
6A	TOPNOTCH (3.2C	2.00	LAA	9	95	99	94	99	183.3
	B»ZA1296 4SC	0.094	LAA	12					
	C»COC	1.25	PMV	12					
	D 28% UAN	2.50	PMV	12					
7A	TOPNOTCH (3.2C	2.00	LAA	9	97	99	98	99	180.0
	B»ZA1296 4SC	0.094	LAA	12					
	C ATRAZINE DF	0.25	LAA	12					
	D»COC	1.25	PMV	12					
	E 28% UAN	2.50	PMV	12					
8A	»FULTIME 4SC	3.00	LAA	9	96	99	95	99	186.7
	B»ZA1296 4SC	0.094	LAA	12					
	C»COC	1.25	PMV	12					
	D 28% UAN	2.50	PMV	12					
9A	CHECK	0.00	NA	0	0	0	0	0	152.8
10A	TOPNOTCH (3.2C	2.00	LAA	9	96	99	98	99	177.2
	B MARKSMAN SC	1.20	LAA	12					
11A	»FULTIME 4SC	2.75	LAA	9	95	99	70	90	178.6
	B»BALANCE 75WG	0.094	LAA	9					
12A	»FULTIME 4SC	3.25	LAA	9	93	93	75	90	172.2
	B»BALANCE 75WG	0.047	LAA	9					
13A	»FULTIME 4SC	3.25	LAA	9	95	99	91	91	183.5
	B»BALANCE 75WG	0.07	LAA	9					
14A	»FULTIME 4SC	3.25	LAA	9	95	98	83	89	184.5
	B»BALANCE 75WG	0.094	LAA	9					
15A	TOPNOTCH (3.2C	1.60	LAA	9	95	99	53	71	189.6
	B»BALANCE 75WG	0.094	LAA	9					
16A	TOPNOTCH (3.2C	2.00	LAA	9	94	99	80	86	186.9
	B»BALANCE 75WG	0.094	LAA	9					
17A	»FULTIME 4SC	3.25	LAA	9	94	99	73	90	184.3
	B»ZA1296 4SC	0.094	LAA	9					
18A	»FULTIME 4SC	3.25	LAA	9	95	86	79	89	188.7
	B»HORNET 85.6WG	0.128	LAA	9					
19A	TOPNOTCH (3.2C	2.00	LAA	9	88	90	91	85	186.6
	B»HORNET 85.6WG	0.173	LAA	9					
20A	»EPIC 58DF	0.54	LAA	9	94	99	53	63	183.2
21A	»AXIOM AT 75WG	2.25	LAA	9	90	60	71	88	181.6
22A	»BICEP II MAGNU	2.89	LAA	9	88	64	55	87	182.0
23A	»GUARDSMAN	2.80	LAA	9	90	84	64	85	187.5
24A	HARNES XTRA	3.50	LAA	9	94	78	73	79	178.7

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TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA CON %	ABUTH CON %	XANST CON %	DATST CON %	YIELD BU/A
		RATE	UNIT TM	07/05/99	07/05/99	07/05/99	07/05/99	10/05/99
25A»	FRONTIER 6.0EC	1.40	LAA 9	97	99	99	99	177.0
	B MARKSMAN SC	1.40	LAA 12					
26A»	DUAL II MAGNUM	1.60	LAA 9	94	99	89	94	187.0
	B EXCEED 57 WDG	0.036	LAA 12					
	C»COC	1.00	PMV 12					
27A»	HAND WEEDED	0.00	NA 0	99	99	99	99	187.1
		LSD (0.05)		3.52	7.33	12.00	8.75	10.35
		STANDARD DEVIATION		1.78	3.70	6.08	4.42	5.22

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/27/1999(1)
 12 = ----- / POST 06/21/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/11/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/11/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/11/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/11/1999	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	DATST	CON %	06/11/1999	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/05/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/05/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/05/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	07/05/1999	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	DATST	CON %	07/05/1999	05	P	DATST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/05/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 35N095