

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.8
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 10 X 36 FEET

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/01/99	06/07/99	AME
AIR TEMPERATURE	65	84	F
% REL. HUMIDITY	40	65	
WIND DIRECTION	EAST	SOUTHWEST	
WIND SPEED	5.0	7.0	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	32.00	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 33G27		16.0/16.0	IN
04/30/1999			
*** PEST ***			
VELVETLEAF		---/13	
		2.00/4.00	IN
RAGWEED, COMMON		---/13	
		2.00/4.00	IN
FOXTAIL, GIANT		---/14	
		4.00/6.00	IN
COCKLEBUR, COMMO		---/13	
		2.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED

TITLE: CZENSYS1 WEED CONTROL PROGRAMS IN CORN - ZENECA C-500
CREATED: 04/14/1999 **REVISED:** 08/03/1999 **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	AMBEL	XANST	ABUTH	ZEAMD
		RATE	UNIT		CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 07/07/99
1A	»ICIA5676/ZA129	1.97	LAA	9	0	96	99	79	99	0
2A	»ICIA5676/ZA129	2.19	LAA	9	0	98	99	73	99	0
3A	»FULTIME 4SC	2.75	LAA	9	0	96	98	60	69	0
4A	»FULTIME 4SC	3.25	LAA	9	0	99	99	46	88	0
5A	»FULTIME 4SC	3.50	LAA	9	0	97	99	61	78	0
6A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	99	85	90	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	99	92	99	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	98	99	86	99	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	99	97	91	0
	B MARKSMAN SC	1.20	LAA	12						
11A	»FULTIME 4SC	2.75	LAA	9	0	99	99	71	99	0
	B»BALANCE 75WG	0.094	LAA	9						
12A	»FULTIME 4SC	3.25	LAA	9	0	97	94	73	97	0
	B»BALANCE 75WG	0.047	LAA	9						
13A	»FULTIME 4SC	3.25	LAA	9	0	98	99	81	99	0
	B»BALANCE 75WG	0.07	LAA	9						
14A	»FULTIME 4SC	3.25	LAA	9	0	99	99	81	99	0
	B»BALANCE 75WG	0.094	LAA	9						
15A	TOPNOTCH (3.2C	1.60	LAA	9	0	99	99	59	99	0
	B»BALANCE 75WG	0.094	LAA	9						
16A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	99	64	99	0
	B»BALANCE 75WG	0.094	LAA	9						
17A	»FULTIME 4SC	3.25	LAA	9	0	98	99	69	99	0
	B»ZA1296 4SC	0.094	LAA	9						
18A	»FULTIME 4SC	3.25	LAA	9	0	99	99	78	99	0
	B»HORNET 85.6WG	0.128	LAA	9						
19A	TOPNOTCH (3.2C	2.00	LAA	9	0	89	98	78	95	0
	B»HORNET 85.6WG	0.173	LAA	9						
20A	»EPIC 58DF	0.54	LAA	9	0	99	96	58	99	0
21A	»AXIOM AT 75WG	2.25	LAA	9	0	91	98	61	80	0
22A	»BICEP II MAGNU	2.89	LAA	9	0	85	98	59	63	0
23A	»GUARDSMAN	2.80	LAA	9	0	94	99	61	79	0
24A	HARNES XTRA	3.50	LAA	9	0	95	99	63	73	0

TITLE: CZENYS1 WEED CONTROL PROGRAMS IN CORN - ZENECA C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMBEL	XANST	ABUTH	ZEAMD
		RATE	UNIT TM	CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 07/07/99
25A	FRONTIER 6.0EC	1.40	LAA 9	0	97	99	96	95	0
B	MARKSMAN SC	1.40	LAA 12						
26A	DUAL II MAGNUM	1.60	LAA 9	0	97	94	69	70	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	5.30	4.17	17.61	9.64	0.00
			STANDARD DEVIATION	0.00	2.68	2.11	8.89	4.87	0.00

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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	AMBEL	XANST	ABUTH
		RATE	UNIT		CON % 07/07/99	CON % 07/07/99	CON % 07/07/99	CON % 07/07/99
1A	»ICIA5676/ZA129	1.97	LAA	9	81	99	69	99
2A	»ICIA5676/ZA129	2.19	LAA	9	82	99	71	98
3A	»FULTIME 4SC	2.75	LAA	9	88	99	68	74
4A	»FULTIME 4SC	3.25	LAA	9	95	96	64	84
5A	»FULTIME 4SC	3.50	LAA	9	93	99	65	86
6A	TOPNOTCH (3.2C	2.00	LAA	9	85	99	88	99
	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	89	99	97	99
	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	93	99	91	99
	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
10A	TOPNOTCH (3.2C	2.00	LAA	9	92	99	99	99
	B MARKSMAN SC	1.20	LAA	12				
11A	»FULTIME 4SC	2.75	LAA	9	91	93	76	99
	B»BALANCE 75WG	0.094	LAA	9				
12A	»FULTIME 4SC	3.25	LAA	9	94	94	68	99
	B»BALANCE 75WG	0.047	LAA	9				
13A	»FULTIME 4SC	3.25	LAA	9	90	99	65	99
	B»BALANCE 75WG	0.07	LAA	9				
14A	»FULTIME 4SC	3.25	LAA	9	95	99	69	99
	B»BALANCE 75WG	0.094	LAA	9				
15A	TOPNOTCH (3.2C	1.60	LAA	9	96	99	75	99
	B»BALANCE 75WG	0.094	LAA	9				
16A	TOPNOTCH (3.2C	2.00	LAA	9	97	99	68	99
	B»BALANCE 75WG	0.094	LAA	9				
17A	»FULTIME 4SC	3.25	LAA	9	97	99	64	99
	B»ZA1296 4SC	0.094	LAA	9				
18A	»FULTIME 4SC	3.25	LAA	9	95	99	78	79
	B»HORNET 85.6WG	0.128	LAA	9				
19A	TOPNOTCH (3.2C	2.00	LAA	9	89	99	86	86
	B»HORNET 85.6WG	0.173	LAA	9				
20A	»EPIC 58DF	0.54	LAA	9	96	99	89	99
21A	»AXIOM AT 75WG	2.25	LAA	9	78	99	64	90
22A	»BICEP II MAGNU	2.89	LAA	9	95	91	51	74
23A	»GUARDSMAN	2.80	LAA	9	93	80	45	59
24A	HARNESS XTRA	3.50	LAA	9	93	94	54	59

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		RATE	UNIT		CON % 07/07/99	CON % 07/07/99	CON % 07/07/99	CON % 07/07/99
25A	FRONTIER 6.0EC	1.40	LAA	9	80	99	98	99
B	MARKSMAN SC	1.40	LAA	12				
26A	DUAL II MAGNUM	1.60	LAA	9	81	99	98	98
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
					5.85	8.57	8.85	7.25
					3.00	4.33	4.47	3.66

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/01/1999(1)
 12 = ----- / POST 06/07/1999(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 %	06/17/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/17/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/17/1999	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/17/1999	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/17/1999	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/07/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/07/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	07/07/1999	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	07/07/1999	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	07/07/1999	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G27