

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.3
%OM: 4.7
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 10 X 36 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/28/00	05/10/00	06/09/00	AME
AIR TEMPERATURE	75	74	90	F
% REL.HUMIDITY	30	50	70	
WIND DIRECTION	NORTH	SOUTHWEST	SOUTHWEST	
WIND SPEED	2.0	3.0	6.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	CLOUDY	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT		---	---	
DEN/ STG/ MINMAXSZ				
*** CROP *** CORN, DENT PIONEER 33G27 04/28/2000		---/11 2.00/2.00	---/15 16.0/16.0	IN
*** PEST *** VELVETLEAF		---/10 0.50/0.50	---/15 4.00/4.00	IN
RAGWEED, COMMON		---/10 0.50/0.50	---/15 4.00/4.00	IN
LAMBSQUARTERS, C		---/10 0.50/0.50	---/19 4.50/4.50	IN
SMARTWEED, PENNS		---/11 1.00/1.00	---/19 6.00/6.00	IN
FOXTAIL, GIANT		---/11 1.00/1.00	---/13 5.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
10 = ----- / VEPOST
12 = ----- / POST

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
13 = 3 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CZENSYS1 WEED CONTROL SYSTEMS IN CORN - ZENECA C-400
CREATED: 04/11/2000 **REVISED:** 10/26/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	POLPY	CHEAL	AMBEL	ABUTH
		RATE	UNIT		06/19/00	06/19/00	06/19/00	06/19/00	06/19/00	06/19/00
1A	»ICIA5676/ZA129	1.75	LAA	9	0	91	99	99	99	99
2A	»ICIA5676/ZA129	1.97	LAA	9	0	91	99	99	99	99
3A	»ICIA5676/ZA129	2.19	LAA	9	0	97	99	99	99	99
4A	»ICIA5676/ZA129	2.19	LAA	9	0	96	99	99	99	99
	B ATRAZINE DF	0.50	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	»ICIA5676/ZA129	2.19	LAA	9	0	95	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
7A	»FULTIME 4SC	3.00	LAA	9	0	97	99	99	99	73
8A	»FULTIME 4SC	3.25	LAA	9	0	95	99	99	99	70
9A	»FULTIME 4SC	3.50	LAA	9	0	99	98	99	99	78
10A	»FULTIME 4SC	3.25	LAA	9	0	99	99	99	95	75
	B ATRAZINE DF	0.50	LAA	9						
11A	»FULTIME 4SC	3.00	LAA	9	0	96	99	99	99	88
	B»ZA1296 4SC	0.094	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	TOPNOTCH (3.2C	2.00	LAA	9	0	97	93	96	98	77
	B»ZA1296 4SC	0.094	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
13A	TOPNOTCH (3.2C	2.00	LAA	9	0	98	99	99	99	96
	B»ZA1296 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.25	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
14A	»FRONTIER 6.0EC	1.41	LAA	9	0	98	99	99	99	95
	B MARKSMAN SC	1.40	LAA	10						
15A	»DUAL II MAGNUM	1.59	LAA	9	0	99	96	96	98	98
	B»SPIRIT 57WG	0.036	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
16A	»EPIC 58DF	0.54	LAA	9	0	95	95	99	99	99
17A	»AXIOM AT 75WG	2.25	LAA	9	0	87	99	99	99	73
18A	»DEGREE XTRA 4S	3.20	LAA	9	0	97	99	99	96	63
19A	HARNESS XTRA	3.50	LAA	9	0	94	99	99	99	63
20A	»LEADOFF 5SE	2.80	LAA	9	0	91	99	99	99	63
21A	»BICEP II MAGNU	2.89	LAA	9	0	77	99	99	99	53
22A	»FULTIME 4SC	3.30	LAA	9	0	97	99	99	99	99
	B»ZA1296 4SC	0.094	LAA	9						
23A	»BICEP II MAGNU	2.89	LAA	9	0	91	99	99	99	99
	B»ZA1296 4SC	0.094	LAA	9						
24A	»HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
		LSD (0.05)			0.00	4.09	4.20	2.40	2.55	7.70
		STANDARD DEVIATION			0.00	2.00	2.10	1.20	1.28	3.85

TITLE: CZENSYS1 WEED CONTROL SYSTEMS IN CORN - ZENECA C-400
CREATED: 04/11/2000 **REVISED:** 10/26/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	POLPY	CHEAL	AMBEL	ABUTH
		RATE	UNIT		07/03/00	07/03/00	07/03/00	07/03/00	07/03/00	07/03/00
1A	»ICIA5676/ZA129	1.75	LAA	9	0	87	95	99	99	99
2A	»ICIA5676/ZA129	1.97	LAA	9	0	93	98	99	99	99
3A	»ICIA5676/ZA129	2.19	LAA	9	0	94	99	99	99	99
4A	»ICIA5676/ZA129	2.19	LAA	9	0	97	99	99	99	99
	B ATRAZINE DF	0.50	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	»ICIA5676/ZA129	2.19	LAA	9	0	96	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
7A	»FULTIME 4SC	3.00	LAA	9	0	94	99	99	99	63
8A	»FULTIME 4SC	3.25	LAA	9	0	97	99	99	99	72
9A	»FULTIME 4SC	3.50	LAA	9	0	98	98	99	99	65
10A	»FULTIME 4SC	3.25	LAA	9	0	98	99	99	93	77
	B ATRAZINE DF	0.50	LAA	9						
11A	»FULTIME 4SC	3.00	LAA	9	0	98	99	99	99	99
	B»ZA1296 4SC	0.094	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	TOPNOTCH (3.2C	2.00	LAA	9	0	98	99	99	99	98
	B»ZA1296 4SC	0.094	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
13A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	99	99	99	99
	B»ZA1296 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.25	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
14A	»FRONTIER 6.0EC	1.41	LAA	9	0	98	99	99	99	88
	B MARKSMAN SC	1.40	LAA	10						
15A	»DUAL II MAGNUM	1.59	LAA	9	0	98	99	99	99	99
	B»SPIRIT 57WG	0.036	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
16A	»EPIC 58DF	0.54	LAA	9	0	98	98	99	99	99
17A	»AXIOM AT 75WG	2.25	LAA	9	0	92	98	99	99	75
18A	»DEGREE XTRA 4S	3.20	LAA	9	0	98	99	99	99	68
19A	HARNESS XTRA	3.50	LAA	9	0	93	98	99	99	77
20A	»LEADOFF 5SE	2.80	LAA	9	0	84	98	99	99	65
21A	»BICEP II MAGNU	2.89	LAA	9	0	75	99	99	99	68
22A	»FULTIME 4SC	3.30	LAA	9	0	85	99	99	98	98
	B»ZA1296 4SC	0.094	LAA	9						
23A	»BICEP II MAGNU	2.89	LAA	9	0	87	99	99	99	96
	B»ZA1296 4SC	0.094	LAA	9						
24A	»HAND WEEDED	0.00	NA	0	0	99	99	99	99	99
		LSD (0.05)			0.00	4.68	2.05	0.00	2.49	6.41
		STANDARD DEVIATION			0.00	2.34	1.00	0.00	1.25	3.20

TITLE: CZENSYS1 WEED CONTROL SYSTEMS IN CORN - ZENECA C-400
CREATED: 04/11/2000 **REVISED:** 10/26/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 36.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/02/00
		RATE	UNIT TM	
1A	»ICIA5676/ZA129	1.75	LAA 9	177.4
2A	»ICIA5676/ZA129	1.97	LAA 9	185.7
3A	»ICIA5676/ZA129	2.19	LAA 9	185.2
4A	»ICIA5676/ZA129	2.19	LAA 9	188.9
	B ATRAZINE DF	0.50	LAA 9	
5A	CHECK	0.00	NA 0	167.3
6A	»ICIA5676/ZA129	2.19	LAA 9	187.2
	B ATRAZINE DF	1.00	LAA 9	
7A	»FULTIME 4SC	3.00	LAA 9	190.2
8A	»FULTIME 4SC	3.25	LAA 9	190.0
9A	»FULTIME 4SC	3.50	LAA 9	177.7
10A	»FULTIME 4SC	3.25	LAA 9	186.2
	B ATRAZINE DF	0.50	LAA 9	
11A	»FULTIME 4SC	3.00	LAA 9	189.4
	B»ZA1296 4SC	0.094	LAA 12	
	C»COC	1.00	PMV 12	
	D 28% UAN	2.50	PMV 12	
12A	TOPNOTCH (3.2C	2.00	LAA 9	174.0
	B»ZA1296 4SC	0.094	LAA 12	
	C»COC	1.00	PMV 12	
	D 28% UAN	2.50	PMV 12	
13A	TOPNOTCH (3.2C	2.00	LAA 9	173.8
	B»ZA1296 4SC	0.094	LAA 12	
	C ATRAZINE DF	0.25	LAA 12	
	D»COC	1.00	PMV 12	
	E 28% UAN	2.50	PMV 12	
14A	»FRONTIER 6.0EC	1.41	LAA 9	191.6
	B MARKSMAN SC	1.40	LAA 10	
15A	»DUAL II MAGNUM	1.59	LAA 9	181.4
	B»SPIRIT 57WG	0.036	LAA 12	
	C»COC	1.00	PMV 12	
	D 28% UAN	2.50	PMV 12	
16A	»EPIC 58DF	0.54	LAA 9	190.6
17A	»AXIOM AT 75WG	2.25	LAA 9	167.3
18A	»DEGREE XTRA 4S	3.20	LAA 9	169.8
19A	HARNESS XTRA	3.50	LAA 9	175.3
20A	»LEADOFF 5SE	2.80	LAA 9	179.3
21A	»BICEP II MAGNU	2.89	LAA 9	171.2
22A	»FULTIME 4SC	3.30	LAA 9	181.7
	B»ZA1296 4SC	0.094	LAA 9	
23A	»BICEP II MAGNU	2.89	LAA 9	170.3
	B»ZA1296 4SC	0.094	LAA 9	
24A	»HAND WEEDED	0.00	NA 0	189.7
		LSD (0.05)		18.16
		STANDARD DEVIATION		9.08

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/28/2000 (1)
 10 = ----- / VEPOST 05/10/2000 (2)
 12 = ----- / POST 06/09/2000 (3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD		06/19/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		06/19/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY		06/19/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL		06/19/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL		06/19/2000	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH		06/19/2000	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		07/03/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		07/03/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	POLPY		07/03/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL		07/03/2000	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL		07/03/2000	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH		07/03/2000	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	YIELD	BU/A	10/02/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33G27