

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.7  
%OM: 1.5  
PREV. CROP: GLXMA - SOYBEAN  
%RESIDUE:  
PLOT WIDTH: 7.5 X 28 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/23/99	06/11/99	AME
AIR TEMPERATURE	75	85	F
% REL. HUMIDITY	60	70	
WIND DIRECTION	SOUTHWEST	---	
WIND SPEED	2.0	0.0	M/H
CLOUD COVER	PARTCLDY	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	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	NA	GPA	
PRESSURE	30.00	30.00	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	
DEKALB DK 512RR		6.00/8.00	IN
05/21/1999			
*** PEST ***			
VELVETLEAF		---/12	
		1.00/2.00	IN
RAGWEED, COMMON		---/12	
		1.00/2.00	IN
MORNINGGLORY, TA		---/12	
		1.00/2.00	IN
FOXTAIL, GIANT		---/12	
		1.00/3.00	IN
COCKLEBUR, COMMO		---/11	
		1.00/2.00	IN

## \* TIMING CODES

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

## \* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED  
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
13 = 3 LEAVES UNFOLDED

TITLE: BT ZNSYS PROGRAMS IN CORN C4S  
 CREATED: 05/22/1999 REVISED: 09/07/1999 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: BROWNSTOWN RESEARCHED BY: UNIV. OF ILL  
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 28.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMBEL	XANST	PHBPU	ABUTH	SETFA
		RATE	UNIT		CON % 06/23/99	CON % 06/23/99	CON % 06/23/99	CON % 06/23/99	CON % 06/23/99	CON % 06/23/99
1A	ICIA5676/ZA129	1.97	LAA	9	2	99	98	93	99	95
2A	ICIA5676/ZA129	2.19	LAA	9	0	99	98	95	99	99
3A	FULTIME 4SC	2.48	LAA	9	0	99	92	92	93	95
4A	FULTIME 4SC	3.15	LAA	9	0	98	98	90	92	95
5A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	96	95	99	99
	B>ZA1296 4SC	0.094	LAA	11						
	C>COC	1.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
6A	TOPNOTCH (3.2C	2.00	LAA	9	0	99	98	99	99	99
	B>ZA1296 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.25	LAA	11						
	D>COC	1.25	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	FULTIME 4SC	3.00	LAA	9	2	99	98	98	99	99
	B>ZA1296 4SC	0.094	LAA	11						
	C>COC	1.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
9A	TOPNOTCH (3.2C	2.00	LAA	9	2	99	99	99	98	99
	B MARKSMAN SC	1.20	LAA	11						
10A	FULTIME 4SC	3.15	LAA	9	0	99	96	93	99	96
	B>BALANCE 75WG	0.047	LAA	9						
11A	FULTIME 4SC	3.15	LAA	9	0	99	95	95	99	99
	B>BALANCE 75WG	0.07	LAA	9						
12A	FULTIME 4SC	3.15	LAA	9	0	99	96	96	99	99
	B>ZA1296 4SC	0.047	LAA	9						
13A	FULTIME 4SC	3.25	LAA	9	0	99	93	95	99	99
	B>ZA1296 4SC	0.07	LAA	9						
14A	EPIC 58DF	0.435	LAA	9	0	99	94	92	98	99
15A	AXIOM AT 75WG	2.00	LAA	9	0	99	96	97	98	99
16A	BICEP II MAGNU	2.89	LAA	9	0	99	96	96	93	99
17A	GUARDSMAN	2.80	LAA	9	0	99	93	96	96	96
18A	FRONTIER 6.0EC	1.40	LAA	9	0	99	96	99	99	99
	B MARKSMAN SC	1.40	LAA	11						
			LSD (0.05)		1.94	0.449	4.35	2.84	2.47	1.29
			STANDARD DEVIATION		1.00	0.222	2.15	1.40	1.22	0.638

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**PROJECT TYPE:** HERBICIDE  
**LOCATION:** BROWNSTOWN **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 07/20/99	AMBEL CON % 07/20/99	XANST CON % 07/20/99	PHBPU CON % 07/20/99	ABUTH CON % 07/20/99	SETFA CON % 07/20/99
1A»ICIA5676/ZA129	1.97	LAA	9	0	93	91	85	96	80
2A»ICIA5676/ZA129	2.19	LAA	9	0	88	88	80	96	78
3A»FULTIME 4SC	2.48	LAA	9	0	87	85	85	82	75
4A»FULTIME 4SC	3.15	LAA	9	0	88	90	85	82	75
5A TOPNOTCH (3.2C	2.00	LAA	9	0	95	95	87	95	83
B»ZA1296 4SC	0.094	LAA	11						
C»COC	1.25	PMV	11						
D 28% UAN	2.50	PMV	11						
6A TOPNOTCH (3.2C	2.00	LAA	9	0	95	95	90	98	87
B»ZA1296 4SC	0.094	LAA	11						
C ATRAZINE DF	0.25	LAA	11						
D»COC	1.25	PMV	11						
E 28% UAN	2.50	PMV	11						
7A»FULTIME 4SC	3.00	LAA	9	0	98	91	91	98	83
B»ZA1296 4SC	0.094	LAA	11						
C»COC	1.25	PMV	11						
D 28% UAN	2.50	PMV	11						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A TOPNOTCH (3.2C	2.00	LAA	9	0	93	93	90	95	87
B MARKSMAN SC	1.20	LAA	11						
10A»FULTIME 4SC	3.15	LAA	9	0	92	83	88	96	82
B»BALANCE 75WG	0.047	LAA	9						
11A»FULTIME 4SC	3.15	LAA	9	0	95	78	80	91	83
B»BALANCE 75WG	0.07	LAA	9						
12A»FULTIME 4SC	3.15	LAA	9	0	88	78	82	89	87
B»ZA1296 4SC	0.047	LAA	9						
13A»FULTIME 4SC	3.25	LAA	9	0	90	80	82	95	82
B»ZA1296 4SC	0.07	LAA	9						
14A»EPIC 58DF	0.435	LAA	9	0	96	80	85	90	90
15A»AXIOM AT 75WG	2.00	LAA	9	0	93	78	88	87	95
16A»BICEP II MAGNU	2.89	LAA	9	0	83	77	88	82	89
17A»GUARDSMAN	2.80	LAA	9	0	88	82	88	83	82
18A»FRONTIER 6.0EC	1.40	LAA	9	0	96	95	93	95	88
B MARKSMAN SC	1.40	LAA	11						
	LSL (0.05)			0.00	8.11	7.50	8.00	9.00	6.50
	STANDARD DEVIATION			0.00	4.00	3.71	4.00	4.47	3.22

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/23/1999(1)  
 11 = ----- / EPOST 06/11/1999(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 %	06/23/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBEL	CON %	06/23/1999	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BT ZNSYS PROGRAMS IN CORN C4S

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
003	XANST	CON %	06/23/1999	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	06/23/1999	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/23/1999	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/23/1999	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/20/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	07/20/1999	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	07/20/1999	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/20/1999	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/20/1999	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/20/1999	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB DK 512RR