

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/19/00	AME
AIR TEMPERATURE	65	F
% REL.HUMIDITY	50	
WIND DIRECTION	WEST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLOUDY	
DEW	---	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	CULTFIELD	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	
PIONEER 3394	0.00/0.00	IN
05/17/2000		
*** PEST ***		
RAGWEED, COMMON	---/11	
	1.00/1.00	IN
HORSEWEED	---/19	
	12.0/12.0	IN
FESCUE, TALL	---/13	
	6.00/6.00	IN
DANDELION, COMMO	---/19	
	3.00/3.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 13 = 3 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CBALNOT BALANCE IN NOTILL CORN E-1

CREATED: 05/18/2000 REVISED: 11/17/2000

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: BTOWN E-1

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD 06/13/00	ERICA 06/13/00	AMBEL 06/13/00	TAROF 06/13/00	FESAR 06/13/00
		RATE	UNIT	TM					
1A	BALANCE PRO 4S	0.094	LAA	9	0	37	30	27	13
B	COC	1.25	PMV	9					
2A	BALANCE PRO 4S	0.047	LAA	9	0	82	40	47	18
B	ATRAZINE DF	1.00	LAA	9					
C	COC	1.25	PMV	9					
3A	BALANCE PRO 4S	0.07	LAA	9	0	88	40	43	23
B	ATRAZINE DF	1.00	LAA	9					
C	COC	1.25	PMV	9					
4A	BALANCE PRO 4S	0.094	LAA	9	0	85	53	50	47
B	ATRAZINE DF	1.00	LAA	9					
C	COC	1.25	PMV	9					
5A	BALANCE PRO 4S	0.117	LAA	9	0	93	57	50	48
B	ATRAZINE DF	1.00	LAA	9					
C	COC	1.25	PMV	9					
6A	CHECK	0.00	NA	0	0	0	0	0	0
7A	BALANCE PRO 4S	0.07	LAA	9	0	90	67	63	47
B	ATRAZINE DF	1.00	LAA	9					
C	(G)2,4-D-ESTER	0.50	LAA	9					
D	COC	1.25	PMV	9					
8A	BALANCE PRO 4S	0.07	LAA	9	0	80	77	83	13
B	(G)2,4-D-ESTER	0.50	LAA	9					
C	COC	1.25	PMV	9					
9A	BALANCE PRO 4S	0.07	LAA	9	0	89	60	65	62
B	ATRAZINE DF	1.00	LAA	9					
C	AEF 130360-2 6	0.048	LAA	9					
D	COC	1.25	PMV	9					
10A	BALANCE PRO 4S	0.063	LAA	9	0	85	67	72	43
B	ATRAZINE DF	1.00	LAA	9					
C	AEF 130360-2 6	0.029	LAA	9					
D	COC	1.25	PMV	9					
11A	BALANCE PRO 4S	0.07	LAA	9	0	27	50	50	23
B	AEF 130360-2 6	0.048	LAA	9					
C	COC	1.25	PMV	9					
12A	BALANCE PRO 4S	0.07	LAA	9	0	95	73	65	48
B	ATRAZINE DF	1.00	LAA	9					
C	LIBERTY	0.21	LAA	9					
D	COC	1.25	PMV	9					
13A	BALANCE PRO 4S	0.07	LAA	9	0	98	65	57	53
B	ATRAZINE DF	1.00	LAA	9					
C	LIBERTY	0.21	LAA	9					
D	AM. SULFATE	17.00	PMG	9					
14A	ROUNDUP ULTRA	0.38	LAA	9	0	88	33	47	55
B	LIBERTY	0.21	LAA	9					
C	AM. SULFATE	17.00	PMG	9					
15A	BALANCE PRO 4S	0.063	LAA	9	0	95	57	72	50
B	ATRAZINE DF	1.00	LAA	9					
C	LIBERTY	0.16	LAA	9					
D	COC	1.00	PMV	9					
E	AM. SULFATE	17.00	PMG	9					
16A	BALANCE PRO 4S	0.094	LAA	9	0	97	63	72	57
B	ATRAZINE DF	1.00	LAA	9					
C	LIBERTY	0.16	LAA	9					
D	AM. SULFATE	17.00	PMG	9					

TITLE: CBALNOT BALANCE IN NOTILL CORN E-1

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ERICA	AMBEL	TAROF	FESAR
		RATE	UNIT		06/13/00	06/13/00	06/13/00	06/13/00	06/13/00
17A	BALANCE PRO 4S	0.094	LAA	9	0	95	62	58	53
	B ATRAZINE DF	1.00	LAA	9					
	C»LIBERTY	0.16	LAA	9					
	D AM. SULFATE	17.00	PMG	9					
18A	ROUNDUP ULTRA	1.12	LAA	9	0	98	80	70	82
	B AM. SULFATE	17.00	PMG	9					
19A	ROUNDUP ULTRA	0.56	LAA	9	0	97	68	62	62
	B (G)2,4-D-ESTER	0.50	LAA	9					
20A	ROUNDUP ULTRA	0.75	LAA	9	0	97	72	63	72
	B (G)2,4-D-ESTER	0.50	LAA	9					
LSD (0.05)					0.00	10.85	11.00	16.32	9.09
STANDARD DEVIATION					0.00	5.37	5.45	8.08	4.50

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/19/2000(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD		06/13/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ERICA		06/13/2000	02	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL		06/13/2000	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF		06/13/2000	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	FESAR		06/13/2000	05	P	FESAR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 3394