

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.8
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	04	05	09	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/06/00	04/24/00	05/10/00	06/13/00	AME
AIR TEMPERATURE	61	60	68	81	F
% REL. HUMIDITY	35	50	58	85	
WIND DIRECTION	NORTHWEST	NORTHEAST	---	SOUTHWEST	
WIND SPEED	3.0	7.0	0.0	5.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	MOIST	MOIST	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP *** CORN, DENT ASGROW RX770RR 05/08/2000				---/13 8.00/8.00	IN
*** PEST *** LAMBSQUARTERS, C	---/11 0.50/0.50	---/14 1.00/1.00	---/19 4.00/4.00	---/19 6.00/6.00	IN
HORSEWEED	---/11 1.00/1.00	---/16 2.00/2.00	---/19 4.00/4.00	---/19 8.00/8.00	IN
FOXTAIL, GIANT	---/00 /	---/11 1.00/1.00	---/12 2.00/2.00	---/13 4.00/4.00	IN
CHICKWEED, COMMO	---/19 3.00/3.00	---/19 4.00/4.00	---/19 5.00/5.00	---/19 5.00/5.00	IN
DANDELION, COMMO	---/12 1.00/1.00	---/16 2.00/2.00	---/19 3.00/3.00	---/19 4.00/4.00	IN

* TIMING CODES

04 = ----- / EPP 30DBP
05 = ----- / EPP 15DBP
09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CEPPNT CORN EARLY PREPLANT NOTILL SYSTEMS C-300
CREATED: 04/04/2000 **REVISED:** 10/31/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	STEME	TAROF	ERICA	CHEAL
		RATE	UNIT		CON % 05/25/00	CON % 05/25/00	CON % 05/25/00	05/25/00	05/25/00	05/25/00
1A	»EPIC 58DF	0.44	LAA	4	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
2A	»EPIC 58DF	0.44	LAA	4	0	99	99	98	99	99
	B ATRAZINE DF	1.25	LAA	4						
	C ROUNDUP ULTRA	0.56	LAA	4						
	D AM. SULFATE	17.00	PMG	4						
3A	»EXP 002	0.72	LAA	4	0	99	98	90	98	98
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
4A	»EXP 003	0.00	LAA	4	0	99	99	98	99	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	»AXIOM	0.72	LAA	5	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C »HORNET 68.5WG	0.128	LAA	12						
	D »ACTIVATOR 90	0.25	PMV	12						
7A	»AXIOM AT 75WG	1.25	LAA	5	0	99	99	99	99	99
	B »EPIC 58DF	0.25	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
8A	»EPIC 58DF	0.44	LAA	5	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
9A	»EPIC 58DF	0.44	LAA	5	0	99	99	99	99	99
	B ATRAZINE DF	1.25	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
10A	»EXP 002	0.72	LAA	5	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
11A	»EXP 003	0.00	LAA	5	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
12A	»BASIS	0.015	LAA	5	0	99	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C »LEADOFF 5SE	3.13	LAA	5						
	D »COC	1.00	PMV	5						
	E 28% UAN	2.50	PMV	5						
13A	»BICEP II MAGNU	2.88	LAA	5	0	99	99	99	99	99
	B »HORNET 68.5WG	0.128	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
14A	»BICEP II MAGNU	2.88	LAA	5	0	99	99	99	99	99
	B PRINCEP 4L	1.00	LAA	5						
	C (G)2,4-D-ESTER	0.50	LAA	5						
	D ROUNDUP ULTRA	0.38	LAA	5						
	E AM. SULFATE	17.00	PMG	5						
15A	»EPIC 58DF	0.44	LAA	9	0	99	98	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						

TITLE: CEPPNT CORN EARLY PREPLANT NOTILL SYSTEMS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	STEME	TAROF	ERICA	CHEAL
		RATE	UNIT		CON % 05/25/00	CON % 05/25/00	CON % 05/25/00	05/25/00	05/25/00	05/25/00
16A»	EPIC 58DF	0.44	LAA	9	0	99	99	99	99	99
	B ATRAZINE DF	1.25	LAA	9						
	C ROUNDUP ULTRA	0.56	LAA	9						
	D AM. SULFATE	17.00	PMG	9						
17A»	EXP 002	0.72	LAA	9	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						
18A»	EXP 003	0.00	LAA	9	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						
19A»	BICEP II MAGNU	2.88	LAA	5	0	99	99	99	99	99
	B»BALANCE PRO 4S	0.07	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
20A»	BICEP II MAGNU	2.88	LAA	5	0	99	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
LSD (0.05)					0.00	0.00	1.00	3.62	0.852	0.852
STANDARD DEVIATION					0.00	0.00	0.481	1.79	0.422	0.422

TITLE: CEPPNT CORN EARLY PREPLANT NOTILL SYSTEMS C-300
 CREATED: 04/04/2000 REVISED: 10/31/2000 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: URBANA RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	STEME	TAROF	ERICA	CHEAL
		RATE	UNIT		06/15/00	06/15/00	06/15/00	06/15/00	06/15/00	06/15/00
1A	»EPIC 58DF	0.44	LAA	4	0	88	99	96	95	96
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
2A	»EPIC 58DF	0.44	LAA	4	0	93	99	96	99	96
	B ATRAZINE DF	1.25	LAA	4						
	C ROUNDUP ULTRA	0.56	LAA	4						
	D AM. SULFATE	17.00	PMG	4						
3A	»EXP 002	0.72	LAA	4	0	90	99	93	96	95
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
4A	»EXP 003	0.00	LAA	4	0	93	99	96	99	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	»AXIOM	0.72	LAA	5	0	93	99	98	95	93
	B ROUNDUP ULTRA	0.56	LAA	5						
	C»HORNET 68.5WG	0.128	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
7A	»AXIOM AT 75WG	1.25	LAA	5	0	92	99	98	99	99
	B»EPIC 58DF	0.25	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
8A	»EPIC 58DF	0.44	LAA	5	0	87	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
9A	»EPIC 58DF	0.44	LAA	5	0	93	99	99	99	99
	B ATRAZINE DF	1.25	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
10A	»EXP 002	0.72	LAA	5	0	93	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
11A	»EXP 003	0.00	LAA	5	0	90	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
12A	»BASIS	0.015	LAA	5	0	92	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»LEADOFF 5SE	3.13	LAA	5						
	D»COC	1.00	PMV	5						
	E 28% UAN	2.50	PMV	5						
13A	»BICEP II MAGNU	2.88	LAA	5	0	92	99	98	99	99
	B»HORNET 68.5WG	0.128	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
14A	»BICEP II MAGNU	2.88	LAA	5	0	93	99	99	99	99
	B PRINCEP 4L	1.00	LAA	5						
	C (G)2,4-D-ESTER	0.50	LAA	5						
	D ROUNDUP ULTRA	0.38	LAA	5						
	E AM. SULFATE	17.00	PMG	5						
15A	»EPIC 58DF	0.44	LAA	9	0	98	99	98	99	99
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						

TITLE: CEPPNT CORN EARLY PREPLANT NOTILL SYSTEMS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	STEME	TAROF	ERICA	CHEAL	
		RATE	UNIT	TM	06/15/00	06/15/00	06/15/00	06/15/00	06/15/00	
16A	EPIC 58DF	0.44	LAA	9	0	96	99	99	98	
	B ATRAZINE DF	1.25	LAA	9						
	C ROUNDUP ULTRA	0.56	LAA	9						
	D AM. SULFATE	17.00	PMG	9						
17A	EXP 002	0.72	LAA	9	0	96	99	99	99	
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						
18A	EXP 003	0.00	LAA	9	0	96	99	99	99	
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						
19A	BICEP II MAGNU	2.88	LAA	5	0	95	99	99	99	
	B BALANCE PRO 4S	0.07	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
20A	BICEP II MAGNU	2.88	LAA	5	0	87	99	99	99	
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
		LSD (0.05)			0.00	6.24	0.00	4.64	2.74	3.00
		STANDARD DEVIATION			0.00	3.09	0.00	2.30	1.35	1.46

TITLE: CEPPNT CORN EARLY PREPLANT NOTILL SYSTEMS C-300
CREATED: 04/04/2000 **REVISED:** 10/31/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	STEME	TAROF	ERICA	CHEAL
		RATE	UNIT		07/14/00	07/14/00	07/14/00	07/14/00	07/14/00	07/14/00
1A	»EPIC 58DF	0.44	LAA	4	0	83	99	96	96	98
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
2A	»EPIC 58DF	0.44	LAA	4	0	88	99	96	99	98
	B ATRAZINE DF	1.25	LAA	4						
	C ROUNDUP ULTRA	0.56	LAA	4						
	D AM. SULFATE	17.00	PMG	4						
3A	»EXP 002	0.72	LAA	4	0	85	99	93	95	95
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
4A	»EXP 003	0.00	LAA	4	0	90	99	96	99	99
	B ROUNDUP ULTRA	0.56	LAA	4						
	C AM. SULFATE	17.00	PMG	4						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	»AXIOM	0.72	LAA	5	0	90	99	98	92	93
	B ROUNDUP ULTRA	0.56	LAA	5						
	C»HORNET 68.5WG	0.128	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
7A	»AXIOM AT 75WG	1.25	LAA	5	0	87	99	96	99	99
	B»EPIC 58DF	0.25	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
8A	»EPIC 58DF	0.44	LAA	5	0	78	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
9A	»EPIC 58DF	0.44	LAA	5	0	92	99	99	99	99
	B ATRAZINE DF	1.25	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
10A	»EXP 002	0.72	LAA	5	0	90	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
11A	»EXP 003	0.00	LAA	5	0	83	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	5						
	C AM. SULFATE	17.00	PMG	5						
12A	»BASIS	0.015	LAA	5	0	85	99	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	5						
	C»LEADOFF 5SE	3.13	LAA	5						
	D»COC	1.00	PMV	5						
	E 28% UAN	2.50	PMV	5						
13A	»BICEP II MAGNU	2.88	LAA	5	0	88	99	99	99	99
	B»HORNET 68.5WG	0.128	LAA	5						
	C ROUNDUP ULTRA	0.56	LAA	5						
	D AM. SULFATE	17.00	PMG	5						
14A	»BICEP II MAGNU	2.88	LAA	5	0	90	99	99	99	99
	B PRINCEP 4L	1.00	LAA	5						
	C (G)2,4-D-ESTER	0.50	LAA	5						
	D ROUNDUP ULTRA	0.38	LAA	5						
	E AM. SULFATE	17.00	PMG	5						
15A	»EPIC 58DF	0.44	LAA	9	0	93	99	99	99	99
	B ROUNDUP ULTRA	0.56	LAA	9						
	C AM. SULFATE	17.00	PMG	9						

TITLE: CEPPT CORN EARLY PREPLANT NOTILL SYSTEMS C-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD 07/14/00	SETFA 07/14/00	STEME 07/14/00	TAROF 07/14/00	ERICA 07/14/00	CHEAL 07/14/00	
		RATE	UNIT								
16A	»EPIC 58DF	0.44	LAA	9	0	96	99	99	99	98	
	B ATRAZINE DF	1.25	LAA	9							
	C ROUNDUP ULTRA	0.56	LAA	9							
	D AM. SULFATE	17.00	PMG	9							
17A	»EXP 002	0.72	LAA	9	0	93	99	99	96	99	
	B ROUNDUP ULTRA	0.56	LAA	9							
	C AM. SULFATE	17.00	PMG	9							
18A	»EXP 003	0.00	LAA	9	0	92	99	99	99	99	
	B ROUNDUP ULTRA	0.56	LAA	9							
	C AM. SULFATE	17.00	PMG	9							
19A	»BICEP II MAGNU	2.88	LAA	5	0	93	99	99	99	99	
	B»BALANCE PRO 4S	0.07	LAA	5							
	C ROUNDUP ULTRA	0.56	LAA	5							
	D AM. SULFATE	17.00	PMG	5							
20A	»BICEP II MAGNU	2.88	LAA	5	0	78	99	99	99	99	
	B ROUNDUP ULTRA	0.56	LAA	5							
	C AM. SULFATE	17.00	PMG	5							
					LS D (0.05)	0.00	7.40	0.00	4.89	3.37	2.91
					STANDARD DEVIATION	0.00	3.66	0.00	2.42	1.67	1.44

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 04 = ----- / EPP 30DBP 04/06/2000 (1)
- 05 = ----- / EPP 15DBP 04/24/2000 (2)
- 09 = ----- / PREEMERGENCE 05/10/2000 (3)
- 12 = ----- / POST 06/13/2000 (4)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/25/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/25/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	STEME	CON %	05/25/2000	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF		05/25/2000	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ERICA		05/25/2000	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL		05/25/2000	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		06/15/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		06/15/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME		06/15/2000	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	TAROF		06/15/2000	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA		06/15/2000	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL		06/15/2000	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD		07/14/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA		07/14/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	STEME		07/14/2000	03	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	TAROF		07/14/2000	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ERICA		07/14/2000	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL		07/14/2000	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW RX770RR