

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	05	UNIT
TIMINGS	05	09	11	12	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/06/00	04/26/00	05/22/00	06/01/00	06/06/00	AME
AIR TEMPERATURE	61	70	72	85	63	F
% REL.HUMIDITY	30	30	85	80	55	
WIND DIRECTION	WEST	NORTHWEST	SOUTHWEST	SOUTHWEST	NORTH	
WIND SPEED	5.0	5.0	4.0	5.0	3.0	M/H
CLOUD COVER	CLOUDY	CLOUDY	PARTCLDY	CLOUDY	CLOUDY	
DEW	NO	---	MOIST	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	
INC. DATE						AME
INC. START						24H
INC. END						24H
INC. DEPTH						IN
INC. EQUIPMENT	---	---	---	---	---	
DENSITY /						
*** CROP ***						
CORN, DENT			---/12	---/14	---/15	
ASGROW RX770RR			4.00/4.00	15.0/15.0	18.0/18.0	IN
04/26/2000						
*** PEST ***						
VELVETLEAF			---/11	---/13	---/16	
			1.00/1.00	3.00/3.00	5.00/5.00	IN
PIGWEEED, SMOOTH			---/12	---/16	---/19	
			1.00/1.00	3.00/3.00	5.00/5.00	IN
LAMBSQUARTERS, C			---/13	---/18	---/19	
			1.00/1.00	3.00/3.00	5.00/5.00	IN
MORNINGGLORY, TA			---/11	---/14	---/16	
			1.00/1.00	2.00/2.00	3.00/3.00	IN
FOXTAIL, GIANT			---/11	---/12	---/13	
			2.00/2.00	4.00/4.00	6.00/6.00	IN

* TIMING CODES

05 = ----- / EPP 15DBP
 09 = ----- / PREEMERGENCE
 11 = ----- / EPOST
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: CEPPSYS1 EARLY PREPLANT SYSTEMS IN RRCORN AS-100
CREATED: 04/05/2000 **REVISED:** 11/03/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMACH	PHBPU	ABUTH
		RATE	UNIT		06/14/00	06/14/00	06/14/00	06/14/00	06/14/00	06/14/00
1A»	BICEP II MAGNU	1.78	LAA	5	0	96	99	99	80	82
2A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	75	88
3A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	82	80
4A»	BICEP II MAGNU	3.57	LAA	5	0	96	99	99	85	88
	B»HORNET 68.5WG	0.128	LAA	5						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	88	95
	B ROUNDUP ULTRA	0.56	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
7A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	85	92
	B ROUNDUP ULTRA	0.56	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
8A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	88	96
	B ROUNDUP ULTRA	0.56	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
9A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	95	98
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
10A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	95	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
11A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	98	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
12A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	77	99
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
13A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	83	99
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
14A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	83	99
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
15A	ROUNDUP ULTRA	0.56	LAA	11	0	88	90	93	63	87
	B AM. SULFATE	8.50	PMG	11						
16A	ROUNDUP ULTRA	0.56	LAA	12	0	99	99	99	85	96
	B AM. SULFATE	8.50	PMG	12						
17A	ROUNDUP ULTRA	0.56	LAA	13	0	99	87	93	67	88
	B AM. SULFATE	8.50	PMG	13						
18A	ROUNDUP ULTRA	0.56	LAA	11	0	99	99	99	78	98
	B AM. SULFATE	8.50	PMG	11						
	C ROUNDUP ULTRA	0.56	LAA	13						
	D AM. SULFATE	8.50	PMG	13						
19A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	99	98
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»COC	1.25	PMV	12						
	E AM. SULFATE	8.50	PMG	12						

TITLE: CEPPSYS1 EARLY PREPLANT SYSTEMS IN RRCORN AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMACH	PHBPU	ABUTH
		RATE	UNIT		06/14/00	06/14/00	06/14/00	06/14/00	06/14/00	06/14/00
20A	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	96	98
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»COC	1.25	PMV	12						
	E AM. SULFATE	8.50	PMG	12						
21A	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	96	98
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»COC	1.25	PMV	12						
	E AM. SULFATE	8.50	PMG	12						
22A	BICEP II MAGNU	3.57	LAA	9	0	99	99	99	93	95
23A	BICEP II MAGNU	3.57	LAA	9	0	99	99	99	90	98
	B»HORNET 68.5WG	0.128	LAA	9						
24A	HARNESS (7EC)	2.00	LAA	9	0	99	99	99	50	57
	B»HORNET 68.5WG	0.171	LAA	9						
		LSD (0.05)			0.00	3.58	3.64	2.00	10.41	7.27
		STANDARD DEVIATION			0.00	1.79	1.82	1.00	5.20	3.64

TITLE: CEPPSYS1 EARLY PREPLANT SYSTEMS IN RRCORN AS-100
CREATED: 04/05/2000 **REVISED:** 11/03/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMACH	PHBPU	ABUTH
		RATE	UNIT		07/02/00	07/02/00	07/02/00	07/02/00	07/02/00	07/02/00
1A»	BICEP II MAGNU	1.78	LAA	5	0	95	99	98	73	80
2A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	77	80
3A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	75	78
4A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	83	91
	B»HORNET 68.5WG	0.128	LAA	5						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	BICEP II MAGNU	1.78	LAA	5	0	96	99	99	83	93
	B ROUNDUP ULTRA	0.56	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
7A»	BICEP II MAGNU	2.68	LAA	5	0	98	99	99	83	92
	B ROUNDUP ULTRA	0.56	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
8A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	82	88
	B ROUNDUP ULTRA	0.56	LAA	11						
	C AM. SULFATE	8.50	PMG	11						
9A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	93	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
10A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	88	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
11A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	93	99
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	8.50	PMG	12						
12A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	80	98
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
13A»	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	85	99
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
14A»	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	90	99
	B ROUNDUP ULTRA	0.56	LAA	13						
	C AM. SULFATE	8.50	PMG	13						
15A	ROUNDUP ULTRA	0.56	LAA	11	0	88	90	88	65	82
	B AM. SULFATE	8.50	PMG	11						
16A	ROUNDUP ULTRA	0.56	LAA	12	0	95	95	93	77	90
	B AM. SULFATE	8.50	PMG	12						
17A	ROUNDUP ULTRA	0.56	LAA	13	0	96	85	87	73	88
	B AM. SULFATE	8.50	PMG	13						
18A	ROUNDUP ULTRA	0.56	LAA	11	0	96	99	98	80	99
	B AM. SULFATE	8.50	PMG	11						
	C ROUNDUP ULTRA	0.56	LAA	13						
	D AM. SULFATE	8.50	PMG	13						
19A»	BICEP II MAGNU	1.78	LAA	5	0	99	99	99	96	98
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»COC	1.25	PMV	12						
	E AM. SULFATE	8.50	PMG	12						

TITLE: CEPPSYS1 EARLY PREPLANT SYSTEMS IN RRCORN AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMACH	PHBPU	ABUTH
		RATE	UNIT	TM	07/02/00	07/02/00	07/02/00	07/02/00	07/02/00	07/02/00
20A	BICEP II MAGNU	2.68	LAA	5	0	99	99	99	93	99
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»COC	1.25	PMV	12						
	E AM. SULFATE	8.50	PMG	12						
21A	BICEP II MAGNU	3.57	LAA	5	0	99	99	99	95	96
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»COC	1.25	PMV	12						
	E AM. SULFATE	8.50	PMG	12						
22A	BICEP II MAGNU	3.57	LAA	9	0	99	99	99	83	88
23A	BICEP II MAGNU	3.57	LAA	9	0	98	99	99	83	93
	B»HORNET 68.5WG	0.128	LAA	9						
24A	HARNESS (7EC)	2.00	LAA	9	0	98	99	99	50	70
	B»HORNET 68.5WG	0.171	LAA	9						
		LSD (0.05)			0.00	2.57	2.20	2.42	10.32	8.29
		STANDARD DEVIATION			0.00	1.29	1.10	1.21	5.16	4.15

TITLE: CEPPSYS1 EARLY PREPLANT SYSTEMS IN RRCORN AS-100
CREATED: 04/05/2000 **REVISED:** 11/03/2000 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 09/22/00
		RATE	UNIT	
1A»	BICEP II MAGNU	1.78	LAA 5	159.2
2A»	BICEP II MAGNU	2.68	LAA 5	153.3
3A»	BICEP II MAGNU	3.57	LAA 5	178.4
4A»	BICEP II MAGNU	3.57	LAA 5	167.7
B»	HORNET 68.5WG	0.128	LAA 5	
5A	CHECK	0.00	NA 0	144.6
6A»	BICEP II MAGNU	1.78	LAA 5	161.6
B	ROUNDUP ULTRA	0.56	LAA 11	
C	AM. SULFATE	8.50	PMG 11	
7A»	BICEP II MAGNU	2.68	LAA 5	167.1
B	ROUNDUP ULTRA	0.56	LAA 11	
C	AM. SULFATE	8.50	PMG 11	
8A»	BICEP II MAGNU	3.57	LAA 5	157.5
B	ROUNDUP ULTRA	0.56	LAA 11	
C	AM. SULFATE	8.50	PMG 11	
9A»	BICEP II MAGNU	1.78	LAA 5	173.7
B	ROUNDUP ULTRA	0.56	LAA 12	
C	AM. SULFATE	8.50	PMG 12	
10A»	BICEP II MAGNU	2.68	LAA 5	175.8
B	ROUNDUP ULTRA	0.56	LAA 12	
C	AM. SULFATE	8.50	PMG 12	
11A»	BICEP II MAGNU	3.57	LAA 5	162.6
B	ROUNDUP ULTRA	0.56	LAA 12	
C	AM. SULFATE	8.50	PMG 12	
12A»	BICEP II MAGNU	1.78	LAA 5	163.9
B	ROUNDUP ULTRA	0.56	LAA 13	
C	AM. SULFATE	8.50	PMG 13	
13A»	BICEP II MAGNU	2.68	LAA 5	169.9
B	ROUNDUP ULTRA	0.56	LAA 13	
C	AM. SULFATE	8.50	PMG 13	
14A»	BICEP II MAGNU	3.57	LAA 5	171.6
B	ROUNDUP ULTRA	0.56	LAA 13	
C	AM. SULFATE	8.50	PMG 13	
15A	ROUNDUP ULTRA	0.56	LAA 11	170.8
B	AM. SULFATE	8.50	PMG 11	
16A	ROUNDUP ULTRA	0.56	LAA 12	176.7
B	AM. SULFATE	8.50	PMG 12	
17A	ROUNDUP ULTRA	0.56	LAA 13	171.5
B	AM. SULFATE	8.50	PMG 13	
18A	ROUNDUP ULTRA	0.56	LAA 11	163.2
B	AM. SULFATE	8.50	PMG 11	
C	ROUNDUP ULTRA	0.56	LAA 13	
D	AM. SULFATE	8.50	PMG 13	
19A»	BICEP II MAGNU	1.78	LAA 5	160.3
B»	SPIRIT 57WG	0.036	LAA 12	
C	ATRAZINE DF	0.75	LAA 12	
D»	COC	1.25	PMV 12	
E	AM. SULFATE	8.50	PMG 12	

TITLE: CEPPSYS1 EARLY PREPLANT SYSTEMS IN RRCORN AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 09/22/00
		RATE	UNIT TM	
20A	BICEP II MAGNU	2.68	LAA 5	172.1
	B»SPIRIT 57WG	0.036	LAA 12	
	C ATRAZINE DF	0.75	LAA 12	
	D»COC	1.25	PMV 12	
	E AM. SULFATE	8.50	PMG 12	
21A	BICEP II MAGNU	3.57	LAA 5	154.9
	B»SPIRIT 57WG	0.036	LAA 12	
	C ATRAZINE DF	0.75	LAA 12	
	D»COC	1.25	PMV 12	
	E AM. SULFATE	8.50	PMG 12	
22A	BICEP II MAGNU	3.57	LAA 9	156.7
23A	BICEP II MAGNU	3.57	LAA 9	165.5
	B»HORNET 68.5WG	0.128	LAA 9	
24A	HARNES (7EC)	2.00	LAA 9	171.2
	B»HORNET 68.5WG	0.171	LAA 9	
		LSD (0.05)		20.94
		STANDARD DEVIATION		10.47

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 05 = ----- / EPP 15DBP 04/06/2000 (1)
- 09 = ----- / PREEMERGENCE 04/26/2000 (2)
- 11 = ----- / EPOST 05/22/2000 (3)
- 12 = ----- / POST 06/01/2000 (4)
- 13 = ----- / LPOST 06/06/2000 (5)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD		06/14/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		06/14/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL		06/14/2000	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMACH		06/14/2000	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU		06/14/2000	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH		06/14/2000	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD		07/02/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA		07/02/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL		07/02/2000	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMACH		07/02/2000	04	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU		07/02/2000	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH		07/02/2000	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	YIELD	BU/A	09/22/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW RX770RR