

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	UNIT
TIMINGS	04	16	05	09	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	03/23/00	03/31/00	04/06/00	04/26/00	AME
AIR TEMPERATURE	68	59	60	70	F
% REL.HUMIDITY	45	40	35	30	
WIND DIRECTION	SOUTHEAST	EAST	WEST	NORTHWEST	
WIND SPEED	7.0	2.0	5.0	5.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	CLOUDY	CLEAR	
DEW	---	---	---	---	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	
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	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT				---/01	
ASGROW RX770RR				/	IN
04/26/2000					

* TIMING CODES

04 = ----- / EPP 30DBP
 05 = ----- / EPP 15DBP
 09 = ----- / PREEMERGENCE
 16 = ----- / EPP 21DBP

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: CRNEPP EARLY PREPLANT EVAL. IN CONV. TILLAGE CORN AS-100
CREATED: 03/23/2000 **REVISED:** 10/17/2000 **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	POLPY	ABUTH	PHBPU	ZEAMD
		RATE	UNIT		05/12/00	05/12/00	05/12/00	05/12/00	05/12/00	06/19/00
1A	BALANCE PRO 4S	0.117	LAA	4	0	97	99	99	98	0
B	BICEP II MAGNU	2.40	LAA	4						
2A	BALANCE PRO 4S	0.094	LAA	4	0	95	99	99	93	0
B	BICEP II MAGNU	2.40	LAA	4						
3A	FULTIME 4SC	3.30	LAA	4	0	96	99	95	94	0
4A	FULTIME 4SC	3.30	LAA	4	0	97	99	99	96	0
B	ZA1296 4SC	0.188	LAA	4						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	BALANCE PRO 4S	0.117	LAA	16	0	97	99	99	96	0
B	BICEP II MAGNU	2.40	LAA	16						
7A	BALANCE PRO 4S	0.094	LAA	16	0	97	99	99	93	0
B	BICEP II MAGNU	2.40	LAA	16						
8A	FULTIME 4SC	3.30	LAA	16	0	99	99	95	90	0
9A	FULTIME 4SC	3.30	LAA	16	0	97	99	99	95	0
B	ZA1296 4SC	0.188	LAA	16						
10A	BALANCE PRO 4S	0.117	LAA	5	0	99	99	99	99	0
B	BICEP II MAGNU	2.40	LAA	5						
11A	BALANCE PRO 4S	0.094	LAA	5	0	98	99	99	98	0
B	BICEP II MAGNU	2.40	LAA	5						
12A	FULTIME 4SC	3.00	LAA	5	0	99	99	99	98	0
13A	FULTIME 4SC	3.00	LAA	5	0	98	99	99	99	0
B	ZA1296 4SC	0.188	LAA	5						
14A	BALANCE PRO 4S	0.117	LAA	9	0	99	99	99	99	0
B	BICEP II MAGNU	2.40	LAA	9						
15A	BALANCE PRO 4S	0.094	LAA	9	0	99	99	99	99	0
B	BICEP II MAGNU	2.40	LAA	9						
16A	BALANCE PRO 4S	0.047	LAA	9	0	99	99	99	98	0
B	BICEP II MAGNU	2.40	LAA	9						
17A	FULTIME 4SC	3.00	LAA	9	0	99	99	97	96	0
18A	FULTIME 4SC	3.00	LAA	9	0	99	99	99	99	0
B	ZA1296 4SC	0.141	LAA	9						
LSD (0.05)					0.00	2.48	0.00	2.58	3.31	0.00
STANDARD DEVIATION					0.00	1.23	0.00	1.28	1.64	0.00

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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	SETFA	POLPY	ABUTH	PHBPU	ZEAMD	SETFA
		RATE	UNIT		06/19/00	06/19/00	06/19/00	06/19/00	07/05/00	07/05/00
1A»	BALANCE PRO 4S	0.117	LAA	4	94	99	99	95	0	90
B»	BICEP II MAGNU	2.40	LAA	4						
2A»	BALANCE PRO 4S	0.094	LAA	4	92	99	99	90	0	88
B»	BICEP II MAGNU	2.40	LAA	4						
3A»	FULTIME 4SC	3.30	LAA	4	93	99	95	94	0	88
4A»	FULTIME 4SC	3.30	LAA	4	90	99	99	90	0	91
B»	ZA1296 4SC	0.188	LAA	4						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	BALANCE PRO 4S	0.117	LAA	16	96	99	99	94	0	91
B»	BICEP II MAGNU	2.40	LAA	16						
7A»	BALANCE PRO 4S	0.094	LAA	16	92	99	99	90	0	87
B»	BICEP II MAGNU	2.40	LAA	16						
8A»	FULTIME 4SC	3.30	LAA	16	95	99	93	90	0	88
9A»	FULTIME 4SC	3.30	LAA	16	94	99	99	94	0	89
B»	ZA1296 4SC	0.188	LAA	16						
10A»	BALANCE PRO 4S	0.117	LAA	5	97	98	99	95	0	93
B»	BICEP II MAGNU	2.40	LAA	5						
11A»	BALANCE PRO 4S	0.094	LAA	5	97	99	98	93	0	97
B»	BICEP II MAGNU	2.40	LAA	5						
12A»	FULTIME 4SC	3.00	LAA	5	96	99	99	94	0	93
13A»	FULTIME 4SC	3.00	LAA	5	92	98	99	94	0	96
B»	ZA1296 4SC	0.188	LAA	5						
14A»	BALANCE PRO 4S	0.117	LAA	9	94	99	99	95	0	95
B»	BICEP II MAGNU	2.40	LAA	9						
15A»	BALANCE PRO 4S	0.094	LAA	9	96	99	99	94	0	97
B»	BICEP II MAGNU	2.40	LAA	9						
16A»	BALANCE PRO 4S	0.047	LAA	9	96	99	98	96	0	95
B»	BICEP II MAGNU	2.40	LAA	9						
17A»	FULTIME 4SC	3.00	LAA	9	95	99	97	93	0	92
18A»	FULTIME 4SC	3.00	LAA	9	92	99	99	95	0	89
B»	ZA1296 4SC	0.141	LAA	9						
LSD (0.05)					3.87	1.23	2.62	5.37	0.00	5.69
STANDARD DEVIATION					1.92	0.61	1.30	2.66	0.00	2.82

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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	POLPY	ABUTH	PHBPU
		RATE	UNIT		07/05/00	07/05/00	07/05/00
1A»	BALANCE PRO 4S	0.117	LAA	4	99	99	94
B»	BICEP II MAGNU	2.40	LAA	4			
2A»	BALANCE PRO 4S	0.094	LAA	4	99	99	86
B»	BICEP II MAGNU	2.40	LAA	4			
3A»	FULTIME 4SC	3.30	LAA	4	99	63	87
4A»	FULTIME 4SC	3.30	LAA	4	99	99	85
B»	ZA1296 4SC	0.188	LAA	4			
5A	CHECK	0.00	NA	0	0	0	0
6A»	BALANCE PRO 4S	0.117	LAA	16	99	99	86
B»	BICEP II MAGNU	2.40	LAA	16			
7A»	BALANCE PRO 4S	0.094	LAA	16	99	99	82
B»	BICEP II MAGNU	2.40	LAA	16			
8A»	FULTIME 4SC	3.30	LAA	16	99	68	82
9A»	FULTIME 4SC	3.30	LAA	16	99	99	86
B»	ZA1296 4SC	0.188	LAA	16			
10A»	BALANCE PRO 4S	0.117	LAA	5	99	99	87
B»	BICEP II MAGNU	2.40	LAA	5			
11A»	BALANCE PRO 4S	0.094	LAA	5	99	99	87
B»	BICEP II MAGNU	2.40	LAA	5			
12A»	FULTIME 4SC	3.00	LAA	5	99	76	80
13A»	FULTIME 4SC	3.00	LAA	5	99	99	93
B»	ZA1296 4SC	0.188	LAA	5			
14A»	BALANCE PRO 4S	0.117	LAA	9	99	99	91
B»	BICEP II MAGNU	2.40	LAA	9			
15A»	BALANCE PRO 4S	0.094	LAA	9	99	99	96
B»	BICEP II MAGNU	2.40	LAA	9			
16A»	BALANCE PRO 4S	0.047	LAA	9	99	99	95
B»	BICEP II MAGNU	2.40	LAA	9			
17A»	FULTIME 4SC	3.00	LAA	9	99	78	90
18A»	FULTIME 4SC	3.00	LAA	9	99	99	91
B»	ZA1296 4SC	0.141	LAA	9			
LSD (0.05)					0.00	4.77	8.44
STANDARD DEVIATION					0.00	2.36	4.18

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 04 = ----- / EPP 30DBP 03/23/2000 (1)
- 05 = ----- / EPP 15DBP 04/06/2000 (3)
- 09 = ----- / PREEMERGENCE 04/26/2000 (4)
- 16 = ----- / EPP 21DBP 03/31/2000 (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		05/12/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		05/12/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY		05/12/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: CRNEPP EARLY PREPLANT EVAL. IN CONV. TILLAGE CORN AS-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
004	ABUTH		05/12/2000	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU		05/12/2000	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD		06/19/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA		06/19/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY		06/19/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH		06/19/2000	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU		06/19/2000	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD		07/05/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA		07/05/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY		07/05/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH		07/05/2000	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU		07/05/2000	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW RX770RR