

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/06/01	AME
AIR TEMPERATURE	74	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTH	
WIND SPEED	5.0	M/H
CLOUD COVER	PARTCLDY	
DEW	---	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	MOTORIZED	
PROPELLANT	PUMP	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	0	
NOZZLE SPACING	0.000	IN
SWATH WIDTH	0.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	
ASGROW RX770RR	/	IN
05/03/2001		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

DATA MEAN

TITLE: Preemergence treatments in conventional tillage corn C4S
 CREATED: 05/06/2001 REVISED: 11/20/2001 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: BTOWN C4S RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 32.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	IPOLA	AMBEL	XANST	ZEAMD
		RATE	UNIT		CON % 05/29/01	CON % 05/29/01	CON % 05/29/01	CON % 05/29/01	CON % 05/29/01	CON % 07/05/01
1A»	BALANCE PRO 4S	0.094	LAA	9	2	96	97	99	97	0
B	ATRAZINE DF	1.00	LAA	9						
2A»	CALLISTO 4SC	0.188	LAA	9	0	83	99	99	96	0
B	ATRAZINE DF	1.00	LAA	9						
3A»	BALANCE PRO 4S	0.094	LAA	9	0	99	96	98	95	0
B»	DEFINE 60DF	0.45	LAA	9						
4A	CHECK	0.00	NA	0	0	0	0	0	0	0
5A»	GF-688 3.5L	1.92	LAA	9	0	94	98	99	96	0
6A»	BALANCE PRO 4S	0.094	LAA	9	0	99	99	99	99	0
B»	DEFINE 60DF	0.45	LAA	9						
C	ATRAZINE DF	1.00	LAA	9						
7A»	GF-688 3.5L	1.92	LAA	9	0	99	99	99	99	0
B	ATRAZINE DF	1.00	LAA	9						
8A»	BICEP II MAGNU	2.89	LAA	9	0	99	96	97	96	0
9A»	BICEP II MAGNU	3.15	LAA	9	0	99	98	99	97	0
10A»	BICEP II MAGNU	2.89	LAA	9	0	97	98	98	99	0
B»	CALLISTO 4SC	0.188	LAA	9						
11A»	BICEP II MAGNU	2.89	LAA	9	0	99	98	98	97	0
B	PRINCEP 4L	1.00	LAA	9						
12A»	BICEP II MAGNU	2.89	LAA	9	0	98	98	98	96	0
B»	PYTHON 80WG	0.05	LAA	9						
13A»	BICEP II MAGNU	2.89	LAA	9	0	99	96	99	95	0
B»	HORNET 68.5WG	0.128	LAA	9						
14A»	EPIC 58DF	0.54	LAA	9	0	99	96	99	95	0
15A»	AXIOM	0.72	LAA	9	2	99	98	99	96	0
B	ATRAZINE DF	1.50	LAA	9						
16A»	DEGREE XTRA 4S	3.00	LAA	9	0	99	98	98	94	0
17A»	FULTIME 4SC	2.75	LAA	9	0	98	98	99	96	0
18A	HARNESS XTRA	2.70	LAA	9	0	98	97	99	90	0
19A»	GUARDS MAX 5L	2.75	LAA	9	0	98	98	99	93	0
20A»	EPIC 58DF	0.44	LAA	9	0	99	95	98	96	0
B	ATRAZINE DF	1.50	LAA	9						
21A»	USA 2001 71.5W	0.58	LAA	9	3	99	98	98	96	0
B	ATRAZINE DF	1.50	LAA	9						
22A»	USA 2001 71.5W	0.72	LAA	9	3	99	95	98	91	0
B	ATRAZINE DF	1.25	LAA	9						
LSD (0.05)					3.19	4.42	2.55	1.52	4.28	0.00
STANDARD DEVIATION					1.59	2.21	1.28	0.758	2.14	0.00

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PROJECT TYPE: HERBICIDE
LOCATION: BTOWN C4S **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 32.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	AMBEL	IPOLA	SETFA
		RATE	UNIT		CON % 07/05/01	CON % 07/05/01	CON % 07/05/01	CON % 07/05/01
1A»	BALANCE PRO 4S	0.094	LAA	9	93	99	88	89
B	ATRAZINE DF	1.00	LAA	9				
2A»	CALLISTO 4SC	0.188	LAA	9	93	99	97	47
B	ATRAZINE DF	1.00	LAA	9				
3A»	BALANCE PRO 4S	0.094	LAA	9	78	96	90	96
B»	DEFINE 60DF	0.45	LAA	9				
4A	CHECK	0.00	NA	0	0	0	0	0
5A»	GF-688 3.5L	1.92	LAA	9	90	93	93	95
6A»	BALANCE PRO 4S	0.094	LAA	9	95	99	92	99
B»	DEFINE 60DF	0.45	LAA	9				
C	ATRAZINE DF	1.00	LAA	9				
7A»	GF-688 3.5L	1.92	LAA	9	95	97	92	96
B	ATRAZINE DF	1.00	LAA	9				
8A»	BICEP II MAGNU	2.89	LAA	9	83	95	93	96
9A»	BICEP II MAGNU	3.15	LAA	9	87	96	93	98
10A»	BICEP II MAGNU	2.89	LAA	9	92	95	96	97
B»	CALLISTO 4SC	0.188	LAA	9				
11A»	BICEP II MAGNU	2.89	LAA	9	92	95	95	98
B	PRINCEP 4L	1.00	LAA	9				
12A»	BICEP II MAGNU	2.89	LAA	9	91	98	93	94
B»	PYTHON 80WG	0.05	LAA	9				
13A»	BICEP II MAGNU	2.89	LAA	9	94	96	94	99
B»	HORNET 68.5WG	0.128	LAA	9				
14A»	EPIC 58DF	0.54	LAA	9	95	98	70	99
15A»	AXIOM	0.72	LAA	9	95	97	95	98
B	ATRAZINE DF	1.50	LAA	9				
16A»	DEGREE XTRA 4S	3.00	LAA	9	96	92	95	99
17A»	FULTIME 4SC	2.75	LAA	9	85	95	92	96
18A	HARNESS XTRA	2.70	LAA	9	87	92	95	98
19A»	GUARDS MAX 5L	2.75	LAA	9	85	92	90	98
20A»	EPIC 58DF	0.44	LAA	9	93	98	93	98
B	ATRAZINE DF	1.50	LAA	9				
21A»	USA 2001 71.5W	0.58	LAA	9	87	95	92	97
B	ATRAZINE DF	1.50	LAA	9				
22A»	USA 2001 71.5W	0.72	LAA	9	80	87	83	99
B	ATRAZINE DF	1.25	LAA	9				
LSD (0.05)					11.32	4.19	8.29	8.84
STANDARD DEVIATION					5.66	2.09	4.14	4.42

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/06/2001(1)

DATA MEAN

TITLE: Preemergence treatments in conventional tillage corn C4S

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	05/29/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	05/29/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	IPOLA	CON %	05/29/2001	03	P	IPOLA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	05/29/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	XANST	CON %	05/29/2001	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	07/05/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	XANST	CON %	07/05/2001	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	AMBEL	CON %	07/05/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	IPOLA	CON %	07/05/2001	03	P	IPOLA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	07/05/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW RX770RR