

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/15/03	05/30/03	AME
AIR TEMPERATURE	68	67	F
% REL.HUMIDITY	75	70	
WIND DIRECTION	NORTH	SOUTH	
WIND SPEED	6.0	8.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
RAGWEED, COMMON	---/13 2.00/4.00		IN
BLUEGRASS, ANNUA	---/12 2.00/4.00		IN
SMARTWEED, PENNS	---/18 4.00/4.00		IN
MUSTARD	---/11 2.00/4.00		IN
DANDELION, COMMO	---/19 2.00/4.00		IN

\* TIMING CODES

05 = ----- / EPP 15DBP  
 09 = ----- / PREEMERGENCE

\* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED  
 12 = 2 LEAVES UNFOLDED  
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Corn Burndown Trial B-town  
**CREATED:** 12/11/2003 **REVISED:** 12/11/2003 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Btown **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	POLPY	AMBEL	SINSS	POAAN	TAROF	POLPY
		RATE	UNIT		CON % 05/30/03	CON % 05/15/03	CON % 05/15/03	CON % 05/15/03	CON % 05/15/03	CON % 06/20/03
1A	BALANCE PRO 4S	0.047	LAA	5	92	97	93	80	75	90
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
2A	BALANCE PRO 4S	0.094	LAA	5	95	96	96	88	80	92
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
3A	TOUCHDOWN 3L	0.56	LAA	5	98	98	99	99	93	96
	B»LUMAX 3.9L	2.96	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
4A	TOUCHDOWN 3L	0.56	LAA	5	96	98	99	99	88	99
	B»BICEP II MAGNU	3.58	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
5A	FIELDMASTER 4.	4.25	LAA	5	99	99	99	99	90	99
	B»LIQUID AMS	2.50	PMV	5						
6A	GLYPHOMAX PLUS	0.56	LAA	5	99	99	99	99	97	97
	B»KEYSTONE 5.25L	3.50	LAA	5						
	C»HORNET 68.5WG	0.128	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
7A	BALANCE PRO 4S	0.047	LAA	9						92
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
8A	BALANCE PRO 4S	0.094	LAA	9						87
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
9A	TOUCHDOWN 3L	0.56	LAA	9						95
	B»LUMAX 3.9L	2.96	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
10A	TOUCHDOWN 3L	0.56	LAA	9						93
	B»BICEP II MAGNU	3.58	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
11A	FIELDMASTER 4.	4.25	LAA	9						99
	B»YUKON 67.5WG	0.169	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
12A	GLYPHOMAX PLUS	0.75	LAA	9						99
	B»KEYSTONE 5.25L	3.50	LAA	9						
	C»HORNET 68.5WG	0.128	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	WEATHERMAX 4.5	0.56	LAA	9						95
	B»EPIC 58DF	0.44	LAA	9						
	C ATRAZINE DF	1.25	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
15A	WEATHERMAX 4.5	0.56	LAA	9						99
	B»GUARDS MAX 5L	2.50	LAA	9						
	C»BALANCE PRO 4S	0.047	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
		LSD (0.05)			2.86	2.05	4.14	4.75	6.57	3.60
		STANDARD DEVIATION			1.31	0.943	1.90	2.18	3.00	1.76

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**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	SINSS	POAAN	TAROF
		RATE	UNIT		CON % 06/20/03	CON % 06/20/03	CON % 06/20/03	CON % 06/20/03
1A	BALANCE PRO 4S	0.047	LAA	5	98	92	80	70
	B ATRAZINE DF	1.00	LAA	5				
	C»COC	1.25	PMV	5				
2A	BALANCE PRO 4S	0.094	LAA	5	96	95	90	75
	B ATRAZINE DF	1.00	LAA	5				
	C»COC	1.25	PMV	5				
3A	TOUCHDOWN 3L	0.56	LAA	5	99	99	99	93
	B»LUMAX 3.9L	2.96	LAA	5				
	C»LIQUID AMS	2.50	PMV	5				
4A	TOUCHDOWN 3L	0.56	LAA	5	99	99	99	87
	B»BICEP II MAGNU	3.58	LAA	5				
	C»LIQUID AMS	2.50	PMV	5				
5A	FIELDMASTER 4.	4.25	LAA	5	99	99	99	90
	B»LIQUID AMS	2.50	PMV	5				
6A	GLYPHOMAX PLUS	0.56	LAA	5	99	99	99	99
	B»KEYSTONE 5.25L	3.50	LAA	5				
	C»HORNET 68.5WG	0.128	LAA	5				
	D»LIQUID AMS	2.50	PMV	5				
7A	BALANCE PRO 4S	0.047	LAA	9	95	80	73	63
	B ATRAZINE DF	1.00	LAA	9				
	C»COC	1.25	PMV	9				
8A	BALANCE PRO 4S	0.094	LAA	9	92	82	83	63
	B ATRAZINE DF	1.00	LAA	9				
	C»COC	1.25	PMV	9				
9A	TOUCHDOWN 3L	0.56	LAA	9	96	90	99	80
	B»LUMAX 3.9L	2.96	LAA	9				
	C»LIQUID AMS	2.50	PMV	9				
10A	TOUCHDOWN 3L	0.56	LAA	9	98	92	99	88
	B»BICEP II MAGNU	3.58	LAA	9				
	C»LIQUID AMS	2.50	PMV	9				
11A	FIELDMASTER 4.	4.25	LAA	9	99	99	99	90
	B»YUKON 67.5WG	0.169	LAA	9				
	C»LIQUID AMS	2.50	PMV	9				
12A	GLYPHOMAX PLUS	0.75	LAA	9	99	99	99	95
	B»KEYSTONE 5.25L	3.50	LAA	9				
	C»HORNET 68.5WG	0.128	LAA	9				
	D»LIQUID AMS	2.50	PMV	9				
13A	CHECK	0.00	NA	0	0	0	0	0
14A	WEATHERMAX 4.5	0.56	LAA	9	96	93	99	87
	B»EPIC 58DF	0.44	LAA	9				
	C ATRAZINE DF	1.25	LAA	9				
	D»LIQUID AMS	2.50	PMV	9				
15A	WEATHERMAX 4.5	0.56	LAA	9	96	92	99	90
	B»GUARDS MAX 5L	2.50	LAA	9				
	C»BALANCE PRO 4S	0.047	LAA	9				
	D»LIQUID AMS	2.50	PMV	9				
		LSD (0.05)			2.62	3.48	4.27	5.14
		STANDARD DEVIATION			1.28	1.70	2.08	2.51

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING

## \* TIMING CODES

05 = ----- / EPP 15DBP 05/15/2003(1)

09 = ----- / PREEMERGENCE 05/30/2003(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	POLPY	CON %	05/30/2003	01	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBEL	CON %	05/15/2003	02	P	AMBEL	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SINSS	CON %	05/15/2003	03	P	SINSS	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POAAN	CON %	05/15/2003	04	P	POAAN	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	TAROF	CON %	05/15/2003	05	P	TAROF	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	06/20/2003	01	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBEL	CON %	06/20/2003	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SINSS	CON %	06/20/2003	03	P	SINSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	POAAN	CON %	06/20/2003	04	P	POAAN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	TAROF	CON %	06/20/2003	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED

12 = 2 LEAVES UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = &gt;8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED