

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 39 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/12/04	06/09/04	AME
AIR TEMPERATURE	77	72	F
% REL. HUMIDITY	65	75	
WIND DIRECTION	SOUTH	WEST	
WIND SPEED	12.0	7.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	
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	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT			
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/14	
PIONEER 33P67		8.00/8.00	IN
05/11/2004			
*** PEST ***			
WATERHEMP, COMMO		---/18	
		1.00/3.00	IN
RAGWEED, COMMON		---/12	
		1.00/3.00	IN
MORNINGGLORY, IV		---/11	
		1.00/1.00	IN
FOXTAIL, GIANT		---/12	
		1.00/3.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT Corn One-pass Systems 200
CREATED: 05/12/2004 **REVISED:** 09/09/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown 200 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 39.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMATA	SETFA	AMBEL	IPOHE	ZEAMD
		RATE	UNIT		CON % 06/11/04	CON % 06/11/04	CON % 06/11/04	CON % 06/11/04	CON % 06/11/04	CON % 07/07/04
1A	BICEP II MAGNU	2.89	LAA	9	0	98	93	94	99	0
2A	BICEP II MAGNU	2.89	LAA	9	0	99	96	96	99	0
	B PRINCEP 4L	1.00	LAA	9						
3A	LUMAX 3.9L	2.46	LAA	9	0	98	95	96	99	0
4A	LUMAX 3.9L	2.46	LAA	9	0	99	98	99	99	0
	B PRINCEP 4L	1.00	LAA	9						
5A	LUMAX 3.9L	2.46	LAA	9	0	99	95	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
6A	LEXAR 3.7L	2.32	LAA	9	0	99	99	99	99	0
7A	LEXAR 3.7L	2.76	LAA	9	0	99	98	99	99	0
8A	LEXAR 3.7L	3.23	LAA	9	0	99	99	99	99	0
9A	LEXAR 3.7L	2.76	LAA	9	0	99	99	99	99	0
	B PRINCEP 4L	1.00	LAA	9						
10A	LEXAR 3.7L	3.23	LAA	9	0	99	99	99	99	0
	B PRINCEP 4L	1.00	LAA	9						
11A	CAMIX 3.66L	2.20	LAA	9	0	99	99	99	99	0
	B PRINCEP 4L	1.00	LAA	9						
12A	HARNESS EXTRA	3.22	LAA	9	0	98	93	99	99	0
13A	BALANCE PRO 4S	0.07	LAA	9	0	99	93	99	99	0
	B>DEFINE 4SC	0.375	LAA	9						
	C ATRAZINE DF	1.00	LAA	9						
14A	EPIC PRO 4L	0.435	LAA	9	0	98	92	91	99	0
15A	KEYSTONE 5.25L	3.28	LAA	9	0	98	96	96	99	0
16A	HORNET 68.5WG	0.128	LAA	9	0	97	53	99	99	0
	B>HORNET 68.5WG	0.128	LAA	9						
17A	GUARDS MAX 5L	2.50	LAA	9	0	98	98	99	99	0
18A	GUARDS MAX 5L	2.50	LAA	9	0	99	99	99	99	0
	B>BALANCE PRO 4S	0.047	LAA	9						
19A	BICEP II MAGNU	3.58	LAA	9	0	99	99	99	99	0
	B>BALANCE PRO 4S	0.047	LAA	9						
20A	KEYSTONE 5.25L	2.10	LAA	9	0	99	99	99	99	0
	B>BALANCE PRO 4S	0.094	LAA	9						
21A	BICEP II MAGNU	3.30	LAA	9	0	99	99	99	99	0
	B>CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
22A	LUMAX 3.9L	1.23	LAA	9	0	99	99	99	99	0
	B>LUMAX 3.9L	1.23	LAA	11						
	C>COC	1.00	PMV	11						
23A	BICEP II MAGNU	2.00	LAA	9	0	99	98	99	99	0
	B>BICEP II MAGNU	1.30	LAA	11						
	C>COC	1.00	PMV	11						
24A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: BT Corn One-pass Systems	200						
LSD (0.05)	0.00	1.27	3.26	2.82	0.00	0.00	
STANDARD DEVIATION	0.00	0.636	1.63	1.41	0.00	0.00	

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LOCATION: Brownstown 200 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 39.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	SETFA	AMBEL	IPOHE
		RATE	UNIT		CON % 07/07/04	CON % 07/07/04	CON % 07/07/04	CON % 07/07/04
1A	BICEP II MAGNU	2.89	LAA	9	94	90	92	85
2A	BICEP II MAGNU	2.89	LAA	9	97	96	95	85
	B PRINCEP 4L	1.00	LAA	9				
3A	LUMAX 3.9L	2.46	LAA	9	98	99	98	96
4A	LUMAX 3.9L	2.46	LAA	9	98	99	98	96
	B PRINCEP 4L	1.00	LAA	9				
5A	LUMAX 3.9L	2.46	LAA	9	98	99	98	98
	B ATRAZINE DF	1.00	LAA	9				
6A	LEXAR 3.7L	2.32	LAA	9	98	92	99	96
7A	LEXAR 3.7L	2.76	LAA	9	98	92	99	98
8A	LEXAR 3.7L	3.23	LAA	9	99	93	99	98
9A	LEXAR 3.7L	2.76	LAA	9	99	99	99	99
	B PRINCEP 4L	1.00	LAA	9				
10A	LEXAR 3.7L	3.23	LAA	9	99	99	99	99
	B PRINCEP 4L	1.00	LAA	9				
11A	CAMIX 3.66L	2.20	LAA	9	99	99	99	99
	B PRINCEP 4L	1.00	LAA	9				
12A	HARNESS EXTRA	3.22	LAA	9	93	99	99	89
13A	BALANCE PRO 4S	0.07	LAA	9	98	99	99	99
	B>>DEFINE 4SC	0.375	LAA	9				
	C ATRAZINE DF	1.00	LAA	9				
14A	EPIC PRO 4L	0.435	LAA	9	88	99	99	80
15A	KEYSTONE 5.25L	3.28	LAA	9	96	99	99	94
16A	HORNET 68.5WG	0.128	LAA	9	96	99	99	96
	B>>HORNET 68.5WG	0.128	LAA	9				
17A	GUARDS MAX 5L	2.50	LAA	9	98	99	99	96
18A	GUARDS MAX 5L	2.50	LAA	9	99	99	99	98
	B>>BALANCE PRO 4S	0.047	LAA	9				
19A	BICEP II MAGNU	3.58	LAA	9	99	99	99	99
	B>>BALANCE PRO 4S	0.047	LAA	9				
20A	KEYSTONE 5.25L	2.10	LAA	9	99	99	99	99
	B>>BALANCE PRO 4S	0.094	LAA	9				
21A	BICEP II MAGNU	3.30	LAA	9	99	99	99	98
	B>>CALLISTO 4SC	0.094	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D>>COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
22A	LUMAX 3.9L	1.23	LAA	9	99	99	99	93
	B>>LUMAX 3.9L	1.23	LAA	11				
	C>>COC	1.00	PMV	11				
23A	BICEP II MAGNU	2.00	LAA	9	98	97	99	98
	B>>BICEP II MAGNU	1.30	LAA	11				
	C>>COC	1.00	PMV	11				
24A	CHECK	0.00	NA	0	0	0	0	0

TITLE: BT Corn One-pass Systems 200
 LSD (0.05) 3.23 2.61 1.81 5.63
 STANDARD DEVIATION 1.61 1.30 0.904 2.82

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/12/2004(1)
 11 = ----- / EPOST 06/09/2004(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	06/11/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/11/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/11/2004	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL	CON %	06/11/2004	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOHE	CON %	06/11/2004	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/07/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	07/07/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/07/2004	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBEL	CON %	07/07/2004	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	IPOHE	CON %	07/07/2004	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P67