

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 39 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	06/09/04	AME
AIR TEMPERATURE	72	F
% REL.HUMIDITY	75	
WIND DIRECTION	WEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/15	
PIONEER 33P67	10.0/10.0	IN
05/17/2004		
*** PEST ***		
WATERHEMP, COMMO	---/18	
	2.00/4.00	IN
PANICUM, FALL	---/12	
	2.00/4.00	IN
SHATTERCANE, SOR	---/12	
	2.00/4.00	IN

\* TIMING CODES

11 = ----- / EPOST

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** BT Total Postemergence Weed Control in Corn 200N  
**CREATED:** 06/08/2004 **REVISED:** 11/24/2004 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** BTOWN 200N **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT **WIDE X** 39.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMATA	SORVU	PANDI
		RATE	UNIT		CON % 06/29/04	CON % 06/29/04	CON % 06/29/04	CON % 06/29/04
1A	ACCENT 75WG	0.016	LAA 11		0	99	83	93
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E 28% UAN	2.50	PMV 11					
2A	ACCENT 75WG	0.023	LAA 11		0	99	88	99
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E 28% UAN	2.50	PMV 11					
3A	ACCENT 75WG	0.023	LAA 11		0	47	99	99
	B»HORNET 68.5WG	0.128	LAA 11					
	C»COC	1.00	PMV 11					
	D 28% UAN	2.50	PMV 11					
4A	ACCENT 75WG	0.023	LAA 11		0	73	96	80
	B»DISTINCT 70WG	0.175	LAA 11					
	C»ACTIVATOR 90	0.25	PMV 11					
	D 28% UAN	2.50	PMV 11					
5A	CHECK	0.00	NA 0		0	0	0	0
6A»	STEADFAST 75DF	0.035	LAA 11		0	99	81	98
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E 28% UAN	2.50	PMV 11					
7A»	STEADFAST 75DF	0.035	LAA 11		0	93	75	90
	B»CALLISTO 4SC	0.047	LAA 11					
	C»COC	1.00	PMV 11					
	D 28% UAN	2.50	PMV 11					
8A»	STEADFAST ATZ	0.00	LAA 0		0	99	93	99
	B»STEADFAST 75DF	0.035	LAA 11					
	C ATRAZINE DF	0.75	LAA 11					
	D»CALLISTO 4SC	0.047	LAA 11					
	E»COC	1.00	PMV 11					
	F 28% UAN	2.50	PMV 11					
9A»	STEADFAST 75DF	0.035	LAA 11		0	98	95	99
	B»DISTINCT 70WG	0.088	LAA 11					
	C ATRAZINE DF	0.25	LAA 11					
	D»COC	1.00	PMV 11					
	E 28% UAN	2.50	PMV 11					
10A»	YUKON 67.5WG	0.125	LAA 11		0	78	88	99
	B»OPTION 35WDG	0.025	LAA 11					
	C»COC	1.00	PMV 11					
	D 28% UAN	2.50	PMV 11					
11A»	STEADFAST 75DF	0.035	LAA 11		0	95	96	91
	B ATRAZINE DF	1.00	LAA 11					
	C»COC	1.00	PMV 11					
	D 28% UAN	2.50	PMV 11					
12A»	STEADFAST 75DF	0.035	LAA 11		0	89	90	96
	B»HORNET 68.5WG	0.128	LAA 11					
	C ATRAZINE DF	0.50	LAA 11					
	D»COC	1.00	PMV 11					
	E 28% UAN	2.50	PMV 11					
13A»	OPTION 35WDG	0.033	LAA 11		0	99	82	82
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E 28% UAN	2.50	PMV 11					

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TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/29/04	AMATA CON % 06/29/04	SORVU CON % 06/29/04	PANDI CON % 06/29/04
14A	»OPTION 35WDG	0.033	LAA	11	0	83	90	88
	B»CALLISTO 4SC	0.094	LAA	11				
	C ATRAZINE DF	1.00	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
15A	»OPTION 35WDG	0.033	LAA	11	0	50	93	77
	B»HORNET 68.5WG	0.128	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
16A	»OPTION 35WDG	0.033	LAA	11	0	80	95	90
	B»DISTINCT 70WG	0.088	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
17A	»STEADFAST 75DF	0.035	LAA	11	0	43	85	96
	B»COC	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
18A	»OPTION 35WDG	0.033	LAA	11	0	60	99	87
	B»MSO	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
19A	»EQUIP 62WG	0.058	LAA	11	0	43	70	73
	B»MSO	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
20A	»EQUIP 62WG	0.058	LAA	11	0	83	96	83
	B»DISTINCT 70WG	0.088	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
21A	»OPTION 35WDG	0.033	LAA	11	0	99	48	93
	B»CALLISTO 4SC	0.047	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
22A	»EQUIP 62WG	0.058	LAA	11	0	99	78	99
	B»CALLISTO 4SC	0.047	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
23A	»EQUIP 62WG	0.058	LAA	11	0	65	99	96
	B»DEFINE 60DF	0.375	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
24A	»OPTION 35WDG	0.033	LAA	11	0	67	95	83
	B»DEFINE 60DF	0.375	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
		LSD (0.05)			0.00	14.85	15.30	16.85
		STANDARD DEVIATION			0.00	7.43	7.65	8.43

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
11 = ----- / EPOST 06/09/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/29/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/29/2004	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SORVU	CON %	06/29/2004	03	P	SORVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PANDI	CON %	06/29/2004	04	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P67