

## 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	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	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			
*** CROP ***			
CORN, DENT		---/14	
PIONEER 33P67		8.00/8.00	IN
05/12/2004			
*** PEST ***			
WATERHEMP, COMMO		---/15	
		1.00/3.00	IN
FOXTAIL, GIANT		---/12	
		2.00/4.00	IN

## \* TIMING CODES

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

## \* STAGE CODE

12 = 2 LEAVES UNFOLDED  
14 = 4 LEAVES UNFOLDED  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Sequential weed control systems in corn. 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:** 7.50 FT WIDE X 39.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	ZEAMD	SETFA	AMATA
		RATE	UNIT		CON % 06/17/04	CON % 06/17/04	CON % 06/17/04	CON % 06/23/04	CON % 06/23/04	CON % 06/23/04
1A	CINCH 7.64L	0.96	LAA	9	0	99	99	0	99	99
B	STEADFAST 75DF	0.035	LAA	11						
C	CALLISTO 4SC	0.047	LAA	11						
D	ATRAZINE DF	0.25	LAA	11						
E	COC	1.00	PMV	11						
F	28% UAN	2.50	PMV	11						
2A	KIH-485 60WG	0.19	LAA	9	0	99	99	0	99	99
B	STEADFAST 75DF	0.035	LAA	11						
C	CALLISTO 4SC	0.047	LAA	11						
D	ATRAZINE DF	0.25	LAA	11						
E	COC	1.00	PMV	11						
F	28% UAN	2.50	PMV	11						
3A	DEFINE 4SC	0.375	LAA	9	0	99	95	0	99	95
B	OPTION 35WDG	0.033	LAA	11						
C	DISTINCT 70WG	0.175	LAA	11						
D	MSO	0.94	PMV	11						
E	28% UAN	1.88	PMV	11						
4A	DEFINE 4SC	0.375	LAA	9	0	99	91	0	99	96
B	EQUIP 62WG	0.058	LAA	11						
C	MSO	0.94	PMV	11						
D	28% UAN	1.88	PMV	11						
5A	BALANCE PRO 4S	0.07	LAA	9	0	99	99	0	99	99
B	EQUIP 62WG	0.058	LAA	11						
C	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
6A	DEFINE 4SC	0.68	LAA	9	0	99	99	0	99	99
B	BUCTRIL+ATRA	0.75	LAA	11						
7A	SURPASS 6.4	2.00	LAA	9	0	98	99	0	99	99
B	STARANE 1.5L	0.12	LAA	11						
8A	SURPASS 6.4	2.00	LAA	9	0	96	99	0	99	99
B	GF-1203 1.5L	0.24	LAA	11						
9A	DUAL II MAGNUM	1.59	LAA	9	0	97	99	0	90	99
B	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	0.25	LAA	11						
D	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	DEGREE 3.8SC	1.97	LAA	9	0	68	99	0	73	91
B	YUKON 67.5WG	0.169	LAA	11						
C	ACTIVATOR 90	0.25	PMV	11						
D	28% UAN	2.50	PMV	11						
11A	OPTION 35WDG	0.033	LAA	11	0	92	96	0	83	95
B	DISTINCT 70WG	0.175	LAA	11						
C	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
12A	EQUIP 62WG	0.058	LAA	11	0	67	99	0	78	37
B	MSO	1.00	PMV	11						
C	28% UAN	2.50	PMV	11						
LSD (0.05)					0.00	9.52	4.00	0.00	7.52	5.32
STANDARD DEVIATION					0.00	4.59	1.91	0.00	3.62	2.57

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

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

TITLE: Sequential weed control systems in corn. 200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/17/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/17/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/17/2004	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	06/23/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	06/23/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/23/2004	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P67