

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.5  
 %OM: 4.0  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET  
 PLOT AREA: 300 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/29/08	06/06/08	AME
AIR TEMPERATURE	56	84	F
% REL.HUMIDITY	40	70	
WIND DIRECTION	NORTH	SOUTH	
WIND SPEED	1.0	9.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	NA/UNKNOW	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	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	
ASGROW 718 RR/YG		10.0/10.0	IN
05/01/2008			
*** PEST ***			
RAGWEED, GIANT		---/14	
		1.00/8.00	IN

## \* TIMING CODES

09 = ----- / PREEMERGENCE  
 12 = ----- / POST

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Giant ragweed control with HPPD combinations in glyphosate-resistant corn.  
**CREATED:** 04/13/2008 **REVISED:** 11/11/2008 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Oakwood **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 10.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	AMBTR	ZEAMD	AMBTR
		RATE	UNIT	TM	CON % 06/16/08	CON % 06/16/08	CON % 07/06/08	CON % 07/06/08
1A	GUARDSMAN MAX	2.50	LAA	9	0	17	0	13
2A	GUARDSMAN MAX	2.50	LAA	9	0	85	0	70
	B CALLISTO 4SC	0.094	LAA	12				
	C»COC	1.00	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
3A	GUARDSMAN MAX	2.50	LAA	9	0	82	0	67
	B»LAUDIS 3.5SC	0.082	LAA	12				
	C»COC	1.00	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
4A	GUARDSMAN MAX	2.50	LAA	9	0	78	0	73
	B»IMPACT 2.8SC	0.016	LAA	12				
	C»COC	1.00	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
5A	GUARDSMAN MAX	2.50	LAA	9	0	88	0	89
	B CALLISTO 4SC	0.094	LAA	12				
	C ATRAZINE DF	0.25	LAA	12				
	D»COC	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
6A	GUARDSMAN MAX	2.50	LAA	9	0	94	0	80
	B»LAUDIS 3.5SC	0.082	LAA	12				
	C ATRAZINE DF	0.25	LAA	12				
	D»COC	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
7A	GUARDSMAN MAX	2.50	LAA	9	0	91	0	85
	B»IMPACT 2.8SC	0.016	LAA	12				
	C ATRAZINE DF	0.25	LAA	12				
	D»COC	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
8A	GUARDSMAN MAX	2.50	LAA	9	0	86	0	73
	B»RNDUP POWERMAX	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
9A	GUARDSMAN MAX	2.50	LAA	9	0	93	0	94
	B»RNDUP POWERMAX	0.75	LAA	12				
	C CALLISTO 4SC	0.094	LAA	12				
	D ATRAZINE DF	0.25	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
10A	GUARDSMAN MAX	2.50	LAA	9	0	90	0	92
	B»RNDUP POWERMAX	0.75	LAA	12				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D ATRAZINE DF	0.25	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
11A	GUARDSMAN MAX	2.50	LAA	9	0	93	0	91
	B»RNDUP POWERMAX	0.75	LAA	12				
	C»IMPACT 2.8SC	0.016	LAA	12				
	D ATRAZINE DF	0.25	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
12A	GUARDSMAN MAX	2.50	LAA	9	0	87	0	90
	B»RNDUP POWERMAX	0.75	LAA	12				
	C CALLISTO 4SC	0.094	LAA	12				
	D ATRAZINE DF	0.25	LAA	12				
	E»COC	1.00	PMV	12				
	F»LIQUID AMS	2.50	PMV	12				
13A	GUARDSMAN MAX	2.50	LAA	9	0	96	0	95
	B»RNDUP POWERMAX	0.75	LAA	12				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D ATRAZINE DF	0.25	LAA	12				
	E»COC	1.00	PMV	12				



TITLE: Giant ragweed control with HPPD combinations in glyphosate-resistant corn.

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
002	AMBTR	CON %	06/16/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	07/06/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	07/06/2008	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = ASGROW 718 RR/YG