APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 6.3
%OM: 2.4
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 25 FEET
PLOT AREA: 250 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/18/09	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	63	
WIND DIRECTION	SOUTH	
WIND SPEED	12.0	M/H
CLOUD COVER	NA/UNKNOW	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/12	
VARIETIES	6.00/6.00	IN
05/22/2009		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	1.00/8.00	IN

*** TIMING CODES**
12 = ------- / POST

*** STAGE CODE**
12 = 2 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Post corn herbicides and HPPD's for gly. resistant WH control in corn.
CREATED: 05/14/2009 **REVISED:** 08/25/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Gly Res WH - South **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 25.00 FT **LONG**
PLOT AREA: 250.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/24/09	AMATA CON % 06/24/09	ZEAMD CON % 07/02/09	AMATA CON % 07/02/09	ZEAMD CON % 07/09/09	AMATA CON % 07/09/09
1A	»IMPACT 2.8SC	0.011	LAA	12	0	78	0	82	0	85
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
2A	»IMPACT 2.8SC	0.011	LAA	12	0	95	0	93	0	93
	B ATRAZINE DF	0.50	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	»IMPACT 2.8SC	0.011	LAA	12	0	72	0	63	0	68
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	»IMPACT 2.8SC	0.011	LAA	12	0	96	0	92	0	92
	B»RNDUP POWERMAX	0.77	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	»LAUDIS 3.5SC	0.055	LAA	12	0	93	0	99	0	99
	B ATRAZINE DF	0.50	LAA	12						
	C»MSO	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	»LAUDIS 3.5SC	0.055	LAA	12	0	88	0	93	0	98
	B»MSO	1.00	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
7A	»LAUDIS 3.5SC	0.055	LAA	12	0	98	0	99	0	98
	B»RNDUP POWERMAX	0.77	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
8A	»LAUDIS 3.5SC	0.055	LAA	12	0	99	0	99	0	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
9A	»STATUS 56DG	0.088	LAA	12	0	83	0	78	0	78
	B»RNDUP POWERMAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A	»STATUS 56DG	0.175	LAA	12	0	83	0	87	0	82
	B»RNDUP POWERMAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	(G)2,4-D-ESTER	0.238	LAA	12	6	78	0	82	0	85
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A	WEEDAR 64 SL	0.50	LAA	12	8	90	0	93	0	88
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A	WEEDAR 64 SL	1.00	LAA	12	22	95	0	93	0	95
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				2.45	5.00	0.00	6.68	0.00	6.41
	STANDARD DEVIATION				1.19	2.43	0.00	3.25	0.00	3.12

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = ------- / UNTREATED TIMING

DATA MEAN

*** TIMING CODES**

12 = ------- / POST 06/18/2009(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/24/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/24/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	07/02/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/02/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/09/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/09/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = VARIETIES