

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 60 FEET
 PLOT AREA: 450 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/16/09	AME
AIR TEMPERATURE	71	F
% REL.HUMIDITY	77	
WIND DIRECTION	SOUTH	
WIND SPEED	6.0	M/H
CLOUD COVER	CLOUDY	
DEW	YES	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	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	---/15	
GH 9145RR/LL	18.0/18.0	IN
05/21/2009		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	4.00/8.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/4.00	IN
MORNINGGLORY, TA	---/18	
	2.00/4.00	IN
FOXTAIL, GIANT	---/17	
	2.00/12.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and Resource Combinations for Morningglory Control in corn. AS-200
CREATED: 04/24/2009 **REVISED:** 08/26/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 60.00 FT LONG
PLOT AREA: 450.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON % 06/26/09	SETFA CON % 06/26/09	PHBPU CON % 06/26/09	AMATA CON % 06/26/09	CHEAL CON % 06/26/09	ZEAMD CON % 07/14/09
		RATE	UNIT TM						
1A	RESOURCE (0.86	0.027	LAA 12	1	96	82	85	90	0
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
2A»	STATUS 56DG	0.105	LAA 12	0	99	92	92	98	0
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
3A	RESOURCE (0.86	0.027	LAA 12	1	83	90	72	93	0
B	ATRAZINE DF	1.00	LAA 12						
C»	RNDUP POWERMAX	0.77	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
4A»	STATUS 56DG	0.175	LAA 12	0	99	93	95	98	0
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
5A»	RNDUP POWERMAX	0.77	LAA 12	0	83	85	82	98	0
B	ATRAZINE DF	1.00	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
6A»	RNDUP POWERMAX	1.12	LAA 12	0	87	88	85	99	0
B	ATRAZINE DF	1.00	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
7A»	RNDUP POWERMAX	1.12	LAA 12	0	99	42	93	99	0
B»	LIQUID AMS	2.50	PMV 12						
8A»	IGNITE 2.33SL	0.53	LAA 12	0	99	85	53	89	0
B»	LIQUID AMS	2.50	PMV 12						
	LSD (0.05)			0.358	5.14	5.23	9.92	11.74	0.00
	STANDARD DEVIATION			0.167	2.40	2.44	4.62	5.47	0.00

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	PHBPU	AMATA	CHEAL
		RATE	UNIT	TM	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09
1A	RESOURCE (0.86	0.027	LAA	12	92	63	85	90
B	RNDUP POWERMAX	0.77	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
2A	STATUS 56DG	0.105	LAA	12	95	87	93	95
B	RNDUP POWERMAX	0.77	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
3A	RESOURCE (0.86	0.027	LAA	12	95	90	80	96
B	ATRAZINE DF	1.00	LAA	12				
C	RNDUP POWERMAX	0.77	LAA	12				
D	LIQUID AMS	2.50	PMV	12				
4A	STATUS 56DG	0.175	LAA	12	96	93	95	98
B	RNDUP POWERMAX	0.77	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
5A	RNDUP POWERMAX	0.77	LAA	12	98	90	92	99
B	ATRAZINE DF	1.00	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
6A	RNDUP POWERMAX	1.12	LAA	12	98	90	92	99
B	ATRAZINE DF	1.00	LAA	12				
C	LIQUID AMS	2.50	PMV	12				
7A	RNDUP POWERMAX	1.12	LAA	12	96	72	88	95
B	LIQUID AMS	2.50	PMV	12				
8A	IGNITE 2.33SL	0.53	LAA	12	92	63	72	80
B	LIQUID AMS	2.50	PMV	12				
LSD (0.05)					4.08	6.92	9.00	7.26
STANDARD DEVIATION					1.90	3.23	4.19	3.39

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/16/2009(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 %	06/26/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/26/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/26/2009	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/26/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/26/2009	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/14/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	07/14/2009	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/14/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/14/2009	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH 9145RR/LL