

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 30 FEET
PLOT AREA: 300 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/18/11	AME
AIR TEMPERATURE	62	F
% REL.HUMIDITY	60	
WIND DIRECTION	SOUTH	
WIND SPEED	7.0	M/H
CLOUD COVER	PARTCLDY	
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	---/01	
DK 61-21	/	IN
05/18/2011		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: Preemergence Herbicide Systems for Weed Control in RR/LL Corn. 800
2404

CREATED: 04/28/2011 **REVISED:** 11/11/2011

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Brownstown

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		TM	ZEAMD	PANDI	CHEAL	AMATA	AMBEL	PHBPU
		RATE	UNIT		CON % 07/12/11	CON % 07/12/11	CON % 07/12/11	CON % 07/12/11	CON % 07/12/11	CON % 07/12/11
1A»	A17227 3.94SC	2.46	LAA	9	0	98	99	99	99	99
2A»	A17622 3.7SC	2.78	LAA	9	0	97	99	99	99	99
3A»	A17227 3.94SC	2.46	LAA	9	0	96	99	99	99	98
	B ATRAZINE DF	1.00	LAA	9						
4A»	SHARPEN 2.85L	0.045	LAA	9	0	94	99	99	99	98
	B»GUARDS MAX 5L	2.50	LAA	9						
5A»	VERDICT 5.57L	0.696	LAA	9	0	88	99	99	97	96
6A	RESOLVE 25DF	0.016	LAA	9	0	78	99	99	99	88
	B»HARMONY GT 50W	0.016	LAA	9						
	C»MESOTRIONE 45W	0.14	LAA	9						
	D ATRAZINE DF	1.00	LAA	9						
7A»	CORVUS 2.6SC	0.091	LAA	9	0	97	99	99	99	98
	B ATRAZINE DF	1.00	LAA	9						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.00	5.29	0.00	0.00	1.29	1.67
	STANDARD DEVIATION				0.00	2.47	0.00	0.00	0.601	0.779

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PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	BU/A
					09/27/11
1A»	A17227 3.94SC	2.46	LAA	9	139.4
2A»	A17622 3.7SC	2.78	LAA	9	151.0
3A»	A17227 3.94SC	2.46	LAA	9	151.3
	B ATRAZINE DF	1.00	LAA	9	
4A»	SHARPEN 2.85L	0.045	LAA	9	138.7
	B»GUARDS MAX 5L	2.50	LAA	9	
5A»	VERDICT 5.57L	0.696	LAA	9	159.4
6A	RESOLVE 25DF	0.016	LAA	9	135.4
	B»HARMONY GT 50W	0.016	LAA	9	
	C»MESOTRIONE 45W	0.14	LAA	9	
	D ATRAZINE DF	1.00	LAA	9	
7A»	CORVUS 2.6SC	0.091	LAA	9	161.4
	B ATRAZINE DF	1.00	LAA	9	
8A	CHECK	0.00	NA	0	54.1
					LSD (0.05)
					31.47
					STANDARD DEVIATION
					14.67

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/18/2011(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 %	06/08/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PANDI	CON %	06/08/2011	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/08/2011	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/08/2011	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	06/08/2011	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/08/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/24/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PANDI	CON %	06/24/2011	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/24/2011	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/24/2011	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	06/24/2011	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/24/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/12/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PANDI	CON %	07/12/2011	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/12/2011	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/12/2011	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMBEL	CON %	07/12/2011	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/12/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	09/27/2011	01	P	ZEAMD		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = DK 61-21