

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 29 FEET
 PLOT AREA: 290 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/20/10	05/05/10	AME
AIR TEMPERATURE	46	66	F
% REL.HUMIDITY	82	52	
WIND DIRECTION	NORTH	WEST	
WIND SPEED	3.0	10.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	---	
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	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	
SPRAY VOLUME UNIT	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		---/01	
PIONEER 0916XR		/	IN
05/04/2010			

* TIMING CODES

05 = ----- / EPP 15DBP
 09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF IMBIBITION

TITLE: Preemergence Herbicide Systems for Weed Control in RR/LL Corn. SW-1500
CREATED: 04/08/2010 **REVISED:** 11/12/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD		SETFA	AMBTR	ABUTH	CHEAL	
		RATE	UNIT	TM	7 DAE	14 DAE	14 DAE	14 DAE	14 DAE	
					05/27/10	06/01/10	06/01/10	06/01/10	06/01/10	
1A»	FIERCE 76WG	0.14	LAA	5	0	0	87	67	89	99
B	ATRAZINE DF	1.00	LAA	5						
2A	LUMAX	2.96	LAA	9	0	0	99	92	98	99
3A»	LEXAR 3.7L	3.24	LAA	9	0	0	99	95	99	99
4A»	CORVUS 2.6SC	0.114	LAA	9	0	0	99	95	97	99
B	ATRAZINE DF	1.00	LAA	9						
5A»	VERDICT 5.57L	0.696	LAA	9	0	0	99	88	96	99
6A»	SHARPEN 2.85L	0.067	LAA	9	0	0	99	94	96	99
B»	GUARDS MAX 5L	2.66	LAA	9						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	PREQUEL 45WG	0.047	LAA	0	0	0	99	85	93	99
B	RESOLVE 25DF	0.016	LAA	9						
C»	ISOX AFLUTOLE 7	0.031	LAA	9						
D	CINCH ATZ	1.375	LAA	9						
9A»	BAL FLEXX 2L	0.094	LAA	9	0	0	98	88	97	99
B	ATRAZINE DF	1.00	LAA	9						
		LSD (0.05)			0.00	0.00	3.44	6.21	4.26	0.00
		STANDARD DEVIATION			0.00	0.00	1.62	2.93	2.00	0.00

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD		SETFA		AMBTR		ABUTH		CHEAL		ZEAMD		
		RATE	UNIT	TM	28 DAE	06/15/10	28 DAE	06/15/10	28 DAE	06/15/10	28 DAE	06/15/10	28 DAE	06/15/10	56 DAE	07/13/10
1A	FIERCE 76WG	0.14	LAA	5	0		80		47		76		99		0	
B	ATRAZINE DF	1.00	LAA	5												
2A	LUMAX	2.96	LAA	9	0		99		88		99		99		0	
3A	LEXAR 3.7L	3.24	LAA	9	0		99		94		99		99		0	
4A	CORVUS 2.6SC	0.114	LAA	9	0		96		94		98		99		0	
B	ATRAZINE DF	1.00	LAA	9												
5A	VERDICT 5.57L	0.696	LAA	9	0		98		75		83		99		0	
6A	SHARPEN 2.85L	0.067	LAA	9	0		99		82		87		99		0	
B	GUARDS MAX 5L	2.66	LAA	9												
7A	CHECK	0.00	NA	0	0		0		0		0		0		0	
8A	PREQUEL 45WG	0.047	LAA	0	0		94		76		88		99		0	
B	RESOLVE 25DF	0.016	LAA	9												
C	ISOX AFLUTOLE 7	0.031	LAA	9												
D	CINCH ATZ	1.375	LAA	9												
9A	BAL FLEXX 2L	0.094	LAA	9	0		98		77		98		99		0	
B	ATRAZINE DF	1.00	LAA	9												
		LSD (0.05)				0.00		6.48		11.60		9.71		0.441		0.00
		STANDARD DEVIATION				0.00		3.06		5.47		4.58		0.208		0.00

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REPS: 03

TRT	TREATMENT	DOSAGE		SETFA	AMBTR	ABUTH	CHEAL	YIELD	
NUM	COMPONENT	RATE	UNIT	56 DAE	56 DAE	56 DAE	56 DAE	BU/A	
			TM	07/13/10	07/13/10	07/13/10	07/13/10	10/11/10	
1A»	FIERCE 76WG	0.14	LAA	5	80	47	76	99	121.7
B	ATRAZINE DF	1.00	LAA	5					
2A	LUMAX	2.96	LAA	9	99	88	99	99	176.3
3A»	LEXAR 3.7L	3.24	LAA	9	99	94	99	99	166.6
4A»	CORVUS 2.6SC	0.114	LAA	9	96	94	98	99	177.4
B	ATRAZINE DF	1.00	LAA	9					
5A»	VERDICT 5.57L	0.696	LAA	9	98	75	83	99	149.0
6A»	SHARPEN 2.85L	0.067	LAA	9	99	82	87	99	163.5
B»	GUARDS MAX 5L	2.66	LAA	9					
7A	CHECK	0.00	NA	0	0	0	0	0	64.5
8A»	PREQUEL 45WG	0.047	LAA	0	94	76	88	99	130.5
B	RESOLVE 25DF	0.016	LAA	9					
C»	ISOXAFLUTOLE 7	0.031	LAA	9					
D	CINCH ATZ	1.375	LAA	9					
9A»	BAL FLEXX 2L	0.094	LAA	9	98	77	98	99	166.7
B	ATRAZINE DF	1.00	LAA	9					
		LSD (0.05)			6.48	11.60	9.71	0.441	34.74
		STANDARD DEVIATION			3.06	5.47	4.58	0.208	16.39

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 05 = ----- / EPP 15DBP 04/20/2010(1)
 09 = ----- / PREEMERGENCE 05/05/2010(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	7 DAE	05/27/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	14 DAE	06/01/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	14 DAE	06/01/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	14 DAE	06/01/2010	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	14 DAE	06/01/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	14 DAE	06/01/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	28 DAE	06/15/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	28 DAE	06/15/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBTR	28 DAE	06/15/2010	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	28 DAE	06/15/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	28 DAE	06/15/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	56 DAE	07/13/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	56 DAE	07/13/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBTR	56 DAE	07/13/2010	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	56 DAE	07/13/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	56 DAE	07/13/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	YIELD	BU/A	10/11/2010	01	P	ZEAMD		RAW	---	YLD	---	---	0.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = PIONEER 0916XR