

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH:  
 %OM: 0.0  
 PREV.CROP: NA - NONE  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET  
 PLOT AREA: 300 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/13/10	06/02/10	AME
AIR TEMPERATURE	80	79	F
% REL.HUMIDITY	24	69	
WIND DIRECTION	EAST	NORTHWEST	
WIND SPEED	6.5	3.5	M/H
CLOUD COVER	CLEAR	OVERCAST	
DEW	NO	NA/UNKNOW	
SOIL MOISTURE	DRY/MOIST	WET/MOIST	
SOIL CONDITION	COMPACT	COMPACT	
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	---	---	

\* TIMING CODES

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

**TITLE:** Preemergence Herbicide Systems for Weed Control in RR/LL Corn. E3  
**CREATED:** 04/10/2010 **REVISED:** 11/18/2010 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Brownstown **RESEARCHED BY:**  
**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 7 DAE		ZEAMD 14 DAE		ZEAMD 28 DAE		ZEAMD 56 DAE		SETFA 14 DAE	PANDI 14 DAE
		RATE	UNIT TM	06/14/10	06/22/10	07/09/10	08/05/10	06/22/10	06/22/10				
1A»	FIERCE 76WG	0.14	LAA 5	0	0	0	0	0	0	23	23		
B	ATRAZINE DF	1.00	LAA 5										
2A	LUMAX	2.96	LAA 9	0	0	0	0	0	0	98	39		
3A»	LEXAR 3.7L	3.24	LAA 9	0	0	0	0	0	0	98	42		
4A»	CORVUS 2.6SC	0.114	LAA 9	0	2	0	0	0	0	98	99		
B	ATRAZINE DF	1.00	LAA 9										
5A»	VERDICT 5.57L	0.696	LAA 9	0	2	0	0	0	0	90	59		
6A»	SHARPEN 2.85L	0.067	LAA 9	0	0	0	0	0	0	99	78		
B»	GUARDS MAX 5L	2.66	LAA 9										
7A	CHECK	0.00	NA 0	0	0	0	0	0	0	0	0		
8A»	PREQUEL 45WG	0.047	LAA 0	0	0	0	0	0	0	99	97		
B	RESOLVE 25DF	0.016	LAA 9										
C»	ISOX AFLUTOLE 7	0.031	LAA 9										
D	CINCH ATZ	1.375	LAA 9										
LSD (0.05)				0.00	2.34	0.00	0.00	6.76	21.75				
STANDARD DEVIATION				0.00	1.09	0.00	0.00	3.15	10.14				

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMBEL	ABUTH	AMATU	IPOSS	SETFA	PANDI
		RATE	UNIT TM	14 DAE 06/22/10	14 DAE 06/22/10	14 DAE 06/22/10	14 DAE 06/22/10	28 DAE 07/09/10	28 DAE 07/09/10
1A»	FIERCE 76WG	0.14	LAA 5	50	89	43	40	13	13
B	ATRAZINE DF	1.00	LAA 5						
2A	LUMAX	2.96	LAA 9	99	99	99	99	83	48
3A»	LEXAR 3.7L	3.24	LAA 9	99	99	99	95	96	38
4A»	CORVUS 2.6SC	0.114	LAA 9	99	99	99	98	78	99
B	ATRAZINE DF	1.00	LAA 9						
5A»	VERDICT 5.57L	0.696	LAA 9	99	99	99	99	57	71
6A»	SHARPEN 2.85L	0.067	LAA 9	99	99	99	99	79	73
B»	GUARDS MAX 5L	2.66	LAA 9						
7A	CHECK	0.00	NA 0	0	0	0	0	99	99
8A»	PREQUEL 45WG	0.047	LAA 0	99	99	99	98	83	99
B	RESOLVE 25DF	0.016	LAA 9						
C»	ISOX AFLUTOLE 7	0.031	LAA 9						
D	CINCH ATZ	1.375	LAA 9						
		LSD (0.05)		10.73	10.37	15.58	16.23	19.21	25.00
		STANDARD DEVIATION		5.00	4.83	7.26	7.57	9.00	11.66

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	AMBEL	AMATU	IPOSS	SETFA	PANDI
		RATE	UNIT		28 DAE 07/09/10	28 DAE 07/09/10	28 DAE 07/09/10	28 DAE 07/09/10	56 DAE 08/05/10	56 DAE 08/05/10
1A»	FIERCE 76WG	0.14	LAA	5	67	93	83	86	10	10
B	ATRAZINE DF	1.00	LAA	5						
2A	LUMAX	2.96	LAA	9	93	99	80	94	57	50
3A»	LEXAR 3.7L	3.24	LAA	9	99	99	90	95	73	44
4A»	CORVUS 2.6SC	0.114	LAA	9	96	99	65	96	78	78
B	ATRAZINE DF	1.00	LAA	9						
5A»	VERDICT 5.57L	0.696	LAA	9	99	99	94	99	57	57
6A»	SHARPEN 2.85L	0.067	LAA	9	99	99	92	96	65	65
B»	GUARDS MAX 5L	2.66	LAA	9						
7A	CHECK	0.00	NA	0	99	99	99	99	0	0
8A»	PREQUEL 45WG	0.047	LAA	0	99	99	69	83	74	74
B	RESOLVE 25DF	0.016	LAA	9						
C»	ISOX AFLUTOLE 7	0.031	LAA	9						
D	CINCH ATZ	1.375	LAA	9						
		LSD (0.05)			11.76	6.79	17.21	9.00	13.67	18.94
		STANDARD DEVIATION			5.48	3.17	8.00	4.18	6.37	8.83

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REPS: 03

TRT	TREATMENT	DOSAGE	ABUTH	AMBEL	AMATU	IPOSS	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	56 DAE	56 DAE	56 DAE	56 DAE	BU/A
					08/05/10	08/05/10	08/05/10	08/05/10	10/01/10
1A»	FIERCE 76WG	0.14	LAA	5	74	98	93	76	98.9
B	ATRAZINE DF	1.00	LAA	5					
2A	LUMAX	2.96	LAA	9	91	99	77	95	139.8
3A»	LEXAR 3.7L	3.24	LAA	9	98	99	90	91	132.6
4A»	CORVUS 2.6SC	0.114	LAA	9	99	99	72	96	128.1
B	ATRAZINE DF	1.00	LAA	9					
5A»	VERDICT 5.57L	0.696	LAA	9	99	99	88	97	133.8
6A»	SHARPEN 2.85L	0.067	LAA	9	99	99	95	96	139.1
B»	GUARDS MAX 5L	2.66	LAA	9					
7A	CHECK	0.00	NA	0	0	0	0	0	33.1
8A»	PREQUEL 45WG	0.047	LAA	0	99	99	70	88	122.9
B	RESOLVE 25DF	0.016	LAA	9					
C»	ISOX AFLUTOLE 7	0.031	LAA	9					
D	CINCH ATZ	1.375	LAA	9					
		LSLSD (0.05)			14.00	1.43	18.40	16.83	43.41
		STANDARD DEVIATION			6.51	0.667	8.58	7.84	20.24

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 05 = ----- / EPP 15DBP 04/13/2010(1)  
 09 = ----- / PREEMERGENCE 06/02/2010(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	06/14/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	14 DAE	06/22/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	28 DAE	07/09/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	56 DAE	08/05/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	14 DAE	06/22/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PANDI	14 DAE	06/22/2010	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	14 DAE	06/22/2010	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	14 DAE	06/22/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATU	14 DAE	06/22/2010	06	P	AMATU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	IPOSS	14 DAE	06/22/2010	07	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	28 DAE	07/09/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PANDI	28 DAE	07/09/2010	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	28 DAE	07/09/2010	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	28 DAE	07/09/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATU	28 DAE	07/09/2010	06	P	AMATU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	IPOSS	28 DAE	07/09/2010	07	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	56 DAE	08/05/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PANDI	56 DAE	08/05/2010	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	56 DAE	08/05/2010	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMBEL	56 DAE	08/05/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMATU	56 DAE	08/05/2010	06	P	AMATU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	IPOSS	56 DAE	08/05/2010	07	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	YIELD	BU/A	10/01/2010	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 1395HR