

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	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/09/09	06/23/03	07/01/09	AME
AIR TEMPERATURE	80	91	75	F
% REL.HUMIDITY	46	57	50	
WIND DIRECTION	NORTHEAST	NORTHEAST	NORTH	
WIND SPEED	2.5	5.0	4.0	M/H
CLOUD COVER	HAZY SUN	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	COMPACT	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT	---/01		---/34	
PIONEER 33M57	0.00/0.00		11.0/11.0	IN
06/09/2009				
*** PEST ***				
WATERHEMP, COMMO	---/00		---/19	
	0.00/0.00		4.00/4.00	IN
RAGWEED, COMMON	---/00		---/16	
	0.00/0.00		4.00/4.00	IN
NUTSEDGE, YELLOW	---/00			IN
	0.00/0.00			
MORNINGGLORY	---/00			IN
	0.00/0.00			
PANICUM, FALL	---/00			IN
	0.00/0.00			
FOXTAIL, GIANT	---/00		---/14	
	0.00/0.00		6.00/6.00	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 10 = ----- / VEPOST  
 11 = ----- / EPOST

\* STAGE CODE

00 = DRY SEED (CARYOPSIS)  
 00 = DRY SEED; DORMANCY  
 01 = BEGINNING OF IMBIBITION  
 14 = 4 LEAVES UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

\* STAGE CODE

34 = 4 NODES DETECTABLE

**TITLE:** Bayer Herbicide Combinations for Weed Control in RR/LL Corn. E2  
**CREATED:** 04/28/2009 **REVISED:** 09/24/2009 **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 PRE 07/01/09	ZEAMD 10 DAT 07/14/09	ZEAMD 30 DAT 07/30/09	SETFA PRE 07/01/09	PANDI PRE 07/01/09	AMATA PRE 07/01/09
		RATE	UNIT	TM						
1A»	CORVUS 2.6SC	0.114	LAA	9	0	0	0	94	94	98
B	ATRAZINE DF	1.00	LAA	9						
2A»	CORVUS 2.6SC	0.114	LAA	10	0	0	0	C	C	C
B	ATRAZINE DF	1.00	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
3A»	BAL FLEXX 2L	0.094	LAA	10	0	0	0	C	C	C
B	ATRAZINE DF	1.00	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
4A»	CAPRENO 3.45 S	0.081	LAA	10	0	0	0	C	C	C
B	ATRAZINE DF	1.00	LAA	10						
C»	COC	1.00	PMV	10						
D»	LIQUID AMS	2.50	PMV	10						
5A»	CORVUS 2.6SC	0.061	LAA	9	0	0	0	91	91	98
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
6A»	BAL FLEXX 2L	0.047	LAA	9	0	0	0	88	87	94
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
7A»	CORVUS 2.6SC	0.061	LAA	9	0	0	0	92	92	98
B»	IGNITE 2.33SL	0.40	LAA	11						
C»	LAUDIS 3.5SC	0.055	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A»	BAL FLEXX 2L	0.047	LAA	9	0	0	0	85	80	99
B»	IGNITE 2.33SL	0.40	LAA	11						
C»	LAUDIS 3.5SC	0.055	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
9A»	BAL FLEXX 2L	0.047	LAA	9	0	0	0	73	66	98
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	LUMAX 3.9L	1.97	LAA	9	0	0	0	95	84	99
B	TOUCHDOWN TTL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	SURESTART 4.16	1.04	LAA	9	0	0	0	87	85	99
B	ATRAZINE DF	1.00	LAA	9						
C»	DURANGO 4AE	0.75	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					0.00	0.00	0.00	8.59	11.33	4.00
STANDARD DEVIATION					0.00	0.00	0.00	4.14	5.46	1.92

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**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			AMBEL	IPOSS	CYPES	SETFA	PANDI	AMBEL
		RATE	UNIT	TM	PRE 07/01/09	PRE 07/01/09	PRE 07/01/09	10 DAT 07/14/09	10 DAT 07/14/09	10 DAT 07/14/09
1A»	CORVUS 2.6SC	0.114	LAA	9	98	97	75	50	50	83
B	ATRAZINE DF	1.00	LAA	9						
2A»	CORVUS 2.6SC	0.114	LAA	10	C	C	C	89	88	99
B	ATRAZINE DF	1.00	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
3A»	BAL FLEXX 2L	0.094	LAA	10	C	C	C	72	68	99
B	ATRAZINE DF	1.00	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
4A»	CAPRENO 3.45 S	0.081	LAA	10	C	C	C	83	81	99
B	ATRAZINE DF	1.00	LAA	10						
C»	COC	1.00	PMV	10						
D»	LIQUID AMS	2.50	PMV	10						
5A»	CORVUS 2.6SC	0.061	LAA	9	99	89	95	91	91	99
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
6A»	BAL FLEXX 2L	0.047	LAA	9	99	94	53	80	73	99
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
7A»	CORVUS 2.6SC	0.061	LAA	9	99	93	74	96	96	99
B»	IGNITE 2.33SL	0.40	LAA	11						
C»	LAUDIS 3.5SC	0.055	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A»	BAL FLEXX 2L	0.047	LAA	9	99	93	57	94	95	99
B»	IGNITE 2.33SL	0.40	LAA	11						
C»	LAUDIS 3.5SC	0.055	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
9A»	BAL FLEXX 2L	0.047	LAA	9	98	86	75	97	97	99
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	LUMAX 3.9L	1.97	LAA	9	95	99	99	95	95	99
B	TOUCHDOWN TTL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	SURESTART 4.16	1.04	LAA	9	99	97	94	94	94	99
B	ATRAZINE DF	1.00	LAA	9						
C»	DURANGO 4AE	0.75	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					1.86	6.95	28.82	17.54	15.78	9.81
STANDARD DEVIATION					0.899	3.35	13.90	8.45	7.61	4.73

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**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	IPOSS	CYPES	SETFA	PANDI	AMATA
		RATE	UNIT	TM	10 DAT 07/14/09	10 DAT 07/14/09	10 DAT 07/14/09	30 DAT 07/30/09	30 DAT 07/30/09	30 DAT 07/30/09
1A»	CORVUS 2.6SC	0.114	LAA	9	60	89	80	60	60	70
B	ATRAZINE DF	1.00	LAA	9						
2A»	CORVUS 2.6SC	0.114	LAA	10	99	97	68	85	85	96
B	ATRAZINE DF	1.00	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
3A»	BAL FLEXX 2L	0.094	LAA	10	99	98	76	72	72	98
B	ATRAZINE DF	1.00	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
4A»	CAPRENO 3.45 S	0.081	LAA	10	99	97	71	79	79	95
B	ATRAZINE DF	1.00	LAA	10						
C»	COC	1.00	PMV	10						
D»	LIQUID AMS	2.50	PMV	10						
5A»	CORVUS 2.6SC	0.061	LAA	9	99	97	99	87	87	98
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
6A»	BAL FLEXX 2L	0.047	LAA	9	99	99	89	81	81	98
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
7A»	CORVUS 2.6SC	0.061	LAA	9	99	96	68	89	89	96
B»	IGNITE 2.33SL	0.40	LAA	11						
C»	LAUDIS 3.5SC	0.055	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A»	BAL FLEXX 2L	0.047	LAA	9	99	98	86	85	85	99
B»	IGNITE 2.33SL	0.40	LAA	11						
C»	LAUDIS 3.5SC	0.055	LAA	11						
D»	MSO	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
9A»	BAL FLEXX 2L	0.047	LAA	9	99	99	80	95	95	95
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	COC	1.00	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	LUMAX 3.9L	1.97	LAA	9	99	98	92	91	91	93
B	TOUCHDOWN TTL	0.78	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	SURESTART 4.16	1.04	LAA	9	99	98	86	86	86	98
B	ATRAZINE DF	1.00	LAA	9						
C»	DURANGO 4AE	0.75	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					8.46	4.44	22.39	15.57	15.57	17.75
STANDARD DEVIATION					4.08	2.14	10.79	7.51	7.51	8.56

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**PLOT AREA:** 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	IPOSS	CYPES
		RATE	UNIT	TM	30 DAT 07/30/09	30 DAT 07/30/09	30 DAT 07/30/09
1A»	CORVUS 2.6SC	0.114	LAA	9	93	78	77
B	ATRAZINE DF	1.00	LAA	9			
2A»	CORVUS 2.6SC	0.114	LAA	10	98	96	93
B	ATRAZINE DF	1.00	LAA	10			
C»	ACTIVATOR 90	0.25	PMV	10			
3A»	BAL FLEXX 2L	0.094	LAA	10	99	97	99
B	ATRAZINE DF	1.00	LAA	10			
C»	ACTIVATOR 90	0.25	PMV	10			
4A»	CAPRENO 3.45 S	0.081	LAA	10	99	96	87
B	ATRAZINE DF	1.00	LAA	10			
C»	COC	1.00	PMV	10			
D»	LIQUID AMS	2.50	PMV	10			
5A»	CORVUS 2.6SC	0.061	LAA	9	99	98	99
B»	LAUDIS 3.5SC	0.082	LAA	11			
C	ATRAZINE DF	1.00	LAA	11			
D»	MSO	1.00	PMV	11			
E»	LIQUID AMS	2.50	PMV	11			
6A»	BAL FLEXX 2L	0.047	LAA	9	99	98	99
B»	LAUDIS 3.5SC	0.082	LAA	11			
C	ATRAZINE DF	1.00	LAA	11			
D»	MSO	1.00	PMV	11			
E»	LIQUID AMS	2.50	PMV	11			
7A»	CORVUS 2.6SC	0.061	LAA	9	99	95	75
B»	IGNITE 2.33SL	0.40	LAA	11			
C»	LAUDIS 3.5SC	0.055	LAA	11			
D»	MSO	1.00	PMV	11			
E»	LIQUID AMS	2.50	PMV	11			
8A»	BAL FLEXX 2L	0.047	LAA	9	99	95	77
B»	IGNITE 2.33SL	0.40	LAA	11			
C»	LAUDIS 3.5SC	0.055	LAA	11			
D»	MSO	1.00	PMV	11			
E»	LIQUID AMS	2.50	PMV	11			
9A»	BAL FLEXX 2L	0.047	LAA	9	99	98	92
B»	CAPRENO 3.45 S	0.081	LAA	11			
C	ATRAZINE DF	1.00	LAA	11			
D»	COC	1.00	PMV	11			
E»	LIQUID AMS	2.50	PMV	11			
10A	CHECK	0.00	NA	0	0	0	0
11A»	LUMAX 3.9L	1.97	LAA	9	97	98	99
B	TOUCHDOWN TTL	0.78	LAA	11			
C»	LIQUID AMS	2.50	PMV	11			
12A»	SURESTART 4.16	1.04	LAA	9	97	97	99
B	ATRAZINE DF	1.00	LAA	9			
C»	DURANGO 4AE	0.75	LAA	11			
D»	LIQUID AMS	2.50	PMV	11			
LSD (0.05)					2.84	11.90	19.32
STANDARD DEVIATION					1.37	5.74	9.31

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 06/09/2009(1)  
 10 = ----- / VEPOST 06/23/2003(2)

## \* TIMING CODES

11 = ----- / EPOST 07/01/2009(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	PRE	07/01/2009	01	P	ZEAMD	34	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	10 DAT	07/14/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	30 DAT	07/30/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	07/01/2009	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PANDI	PRE	07/01/2009	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	PRE	07/01/2009	04	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	PRE	07/01/2009	05	P	AMBEL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOSS	PRE	07/01/2009	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CYPES	PRE	07/01/2009	07	P	CYPES		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	10 DAT	07/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PANDI	10 DAT	07/14/2009	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	10 DAT	07/14/2009	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	10 DAT	07/14/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	IPOSS	10 DAT	07/14/2009	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CYPES	10 DAT	07/14/2009	07	P	CYPES		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	30 DAT	07/30/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PANDI	30 DAT	07/30/2009	03	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	30 DAT	07/30/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMBEL	30 DAT	07/30/2009	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	IPOSS	30 DAT	07/30/2009	06	P	IPOSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CYPES	30 DAT	07/30/2009	07	P	CYPES		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 33M57

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = &gt;8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

34 = 4 NODES DETECTABLE