

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH: 6.1
 %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	12	
TYPE	LIQMIX	
APPLICATION DATE	05/26/10	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	62	
WIND DIRECTION	SOUTH	
WIND SPEED	2.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
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	---/14	
BURRUS 5R68	8.00/10.0	IN
04/22/2010		
*** PEST ***		
PIGWEEED, REDROOT	---/17	
	2.00/4.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/5.00	IN
MORNINGGLORY, IV	---/13	
	1.00/2.50	IN
FOXTAIL, GIANT	---/15	
	2.00/5.00	IN
COCKLEBUR, COMMO	---/15	
	2.00/4.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Syngenta Postemergence Weed Control Systems in RR/LL Corn. 2404N
CREATED: 04/10/2010 **REVISED:** 10/28/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD 7 DAT 06/03/10	SETFA 7 DAT 06/03/10	CHEAL 7 DAT 06/03/10	AMARE 7 DAT 06/03/10	XANST 7 DAT 06/03/10	IPOHE 7 DAT 06/03/10
1A»TOUCHDN TOTAL	0.78	LAA	12	0	98	99	99	99	99
B»CALLISTO XTRA	0.58	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
2A»TOUCHDN TOTAL	0.78	LAA	12	0	98	99	99	99	99
B»CALLISTO XTRA	0.69	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
3A»TOUCHDN TOTAL	0.78	LAA	12	0	98	99	99	99	90
B»LAUDIS 3.5SC	0.055	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A»TOUCHDN TOTAL	0.78	LAA	12	0	98	97	99	99	90
B IMPACT 2.8SC	0.011	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
5A»TOUCHDN TOTAL	0.78	LAA	12	0	98	98	99	99	92
B»STATUS 56DG	0.088	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
6A»TOUCHDN TOTAL	0.78	LAA	12	0	98	96	98	99	83
B»LIQUID AMS	2.50	PMV	12						
7A»HALEX GT 4.38L	1.97	LAA	12	0	96	99	99	99	99
B ATRAZINE DF	0.50	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
8A»TOUCHDN TOTAL	0.78	LAA	12	0	98	99	99	99	97
B»LAUDIS 3.5SC	0.055	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
9A»TOUCHDN TOTAL	0.78	LAA	12	0	99	99	99	99	98
B IMPACT 2.8SC	0.011	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»TOUCHDN TOTAL	0.78	LAA	12	0	99	99	96	99	98
B»STATUS 56DG	0.088	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
12A IMPACT 2.8SC	0.022	LAA	12	2	98	99	98	99	96
B ATRAZINE DF	0.50	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.847	1.79	0.803	1.00	0.00	2.12
STANDARD DEVIATION				0.408	0.861	0.387	0.459	0.00	1.00

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LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD 21 DAT 06/18/10	SETFA 21 DAT 06/18/10	CHEAL 21 DAT 06/18/10	AMARE 21 DAT 06/18/10	XANST 21 DAT 06/18/10	IPOHE 21 DAT 06/18/10
1A»TOUCHDN TOTAL	0.78	LAA	12	0	97	99	99	99	87
B»CALLISTO XTRA	0.58	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
2A»TOUCHDN TOTAL	0.78	LAA	12	0	97	99	99	99	93
B»CALLISTO XTRA	0.69	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
3A»TOUCHDN TOTAL	0.78	LAA	12	0	93	99	93	99	72
B»LAUDIS 3.5SC	0.055	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A»TOUCHDN TOTAL	0.78	LAA	12	0	95	93	92	99	77
B IMPACT 2.8SC	0.011	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
5A»TOUCHDN TOTAL	0.78	LAA	12	0	94	99	92	99	77
B»STATUS 56DG	0.088	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
6A»TOUCHDN TOTAL	0.78	LAA	12	0	91	98	88	99	72
B»LIQUID AMS	2.50	PMV	12						
7A»HALEX GT 4.38L	1.97	LAA	12	0	98	99	99	98	88
B ATRAZINE DF	0.50	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
8A»TOUCHDN TOTAL	0.78	LAA	12	0	96	99	98	99	82
B»LAUDIS 3.5SC	0.055	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
9A»TOUCHDN TOTAL	0.78	LAA	12	0	97	99	98	99	87
B IMPACT 2.8SC	0.011	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»TOUCHDN TOTAL	0.78	LAA	12	0	98	99	94	99	87
B»STATUS 56DG	0.088	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
12A IMPACT 2.8SC	0.022	LAA	12	0	98	99	99	99	88
B ATRAZINE DF	0.50	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	1.79	3.38	5.93	0.564	7.40
STANDARD DEVIATION				0.00	0.861	1.63	2.86	0.272	3.57

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LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD 35 DAT 07/01/10	SETFA 35 DAT 07/01/10	CHEAL 35 DAT 07/01/10	AMARE 35 DAT 07/01/10	XANST 35 DAT 07/01/10	IPOHE 35 DAT 07/01/10
1A»TOUCHDN TOTAL	0.78	LAA	12	0	93	99	99	99	82
B»CALLISTO XTRA	0.58	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
2A»TOUCHDN TOTAL	0.78	LAA	12	0	93	99	98	99	88
B»CALLISTO XTRA	0.69	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
3A»TOUCHDN TOTAL	0.78	LAA	12	0	85	99	85	99	63
B»LAUDIS 3.5SC	0.055	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A»TOUCHDN TOTAL	0.78	LAA	12	0	93	95	88	99	68
B IMPACT 2.8SC	0.011	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
5A»TOUCHDN TOTAL	0.78	LAA	12	0	92	99	83	99	70
B»STATUS 56DG	0.088	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
6A»TOUCHDN TOTAL	0.78	LAA	12	0	82	99	82	99	65
B»LIQUID AMS	2.50	PMV	12						
7A»HALEX GT 4.38L	1.97	LAA	12	0	98	99	99	98	85
B ATRAZINE DF	0.50	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
8A»TOUCHDN TOTAL	0.78	LAA	12	0	92	99	98	98	77
B»LAUDIS 3.5SC	0.055	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
9A»TOUCHDN TOTAL	0.78	LAA	12	0	94	99	98	99	81
B IMPACT 2.8SC	0.011	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»TOUCHDN TOTAL	0.78	LAA	12	0	97	99	95	99	88
B»STATUS 56DG	0.088	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
12A IMPACT 2.8SC	0.022	LAA	12	0	96	99	96	99	83
B ATRAZINE DF	0.50	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	3.87	2.13	8.33	1.22	10.57
STANDARD DEVIATION				0.00	1.86	1.00	4.00	0.586	5.09

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LOCATION: Perry **RESEARCHED BY:** MAXWELL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	YIELD	
NUM	COMPONENT	RATE	UNIT	TM 09/09/10
1A»	TOUCHDN TOTAL	0.78	LAA 12	177.4
B»	CALLISTO XTRA	0.58	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
2A»	TOUCHDN TOTAL	0.78	LAA 12	172.5
B»	CALLISTO XTRA	0.69	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
3A»	TOUCHDN TOTAL	0.78	LAA 12	181.0
B»	LAUDIS 3.5SC	0.055	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
4A»	TOUCHDN TOTAL	0.78	LAA 12	180.5
B	IMPACT 2.8SC	0.011	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
5A»	TOUCHDN TOTAL	0.78	LAA 12	181.5
B»	STATUS 56DG	0.088	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
6A»	TOUCHDN TOTAL	0.78	LAA 12	184.7
B»	LIQUID AMS	2.50	PMV 12	
7A»	HALEX GT 4.38L	1.97	LAA 12	183.8
B	ATRAZINE DF	0.50	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
8A»	TOUCHDN TOTAL	0.78	LAA 12	184.1
B»	LAUDIS 3.5SC	0.055	LAA 12	
C	ATRAZINE DF	0.50	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
9A»	TOUCHDN TOTAL	0.78	LAA 12	188.5
B	IMPACT 2.8SC	0.011	LAA 12	
C	ATRAZINE DF	0.50	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
10A	CHECK	0.00	NA 0	128.2
11A»	TOUCHDN TOTAL	0.78	LAA 12	188.3
B»	STATUS 56DG	0.088	LAA 12	
C	ATRAZINE DF	0.50	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
12A	IMPACT 2.8SC	0.022	LAA 12	184.0
B	ATRAZINE DF	0.50	LAA 12	
C»	MSO	1.00	PMV 12	
D»	LIQUID AMS	2.50	PMV 12	
		LSD (0.05)		19.00
		STANDARD DEVIATION		9.18

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 05/26/2010(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	7 DAT	06/03/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	7 DAT	06/03/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	7 DAT	06/03/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMARE	7 DAT	06/03/2010	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Syngenta Postemergence Weed Control Systems in RR/LL Corn. 2404N

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
005	XANST	7 DAT	06/03/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOHE	7 DAT	06/03/2010	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	21 DAT	06/18/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	21 DAT	06/18/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	21 DAT	06/18/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMARE	21 DAT	06/18/2010	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	21 DAT	06/18/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	21 DAT	06/18/2010	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	35 DAT	07/01/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	35 DAT	07/01/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	35 DAT	07/01/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMARE	35 DAT	07/01/2010	04	P	AMARE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	XANST	35 DAT	07/01/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	IPOHE	35 DAT	07/01/2010	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	YIELD	BU/A	09/09/2010	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 = BURRUS 5R68