

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	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/07/09	06/05/09	AME
AIR TEMPERATURE	80	75	F
% REL.HUMIDITY	55	50	
WIND DIRECTION	WEST	NORTHWEST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	NO	
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		---/15	
BURRUS 6BX50		10.0/12.0	IN
05/07/2009			
*** PEST ***			
LAMBSQUARTERS, C		---/19	
		3.00/4.00	IN
MORNINGGLORY, IV		---/13	
		1.00/4.00	IN
FOXTAIL, GIANT		---/15	
		3.00/7.00	IN
COCKLEBUR, COMMO		---/15	
		3.00/7.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

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

TITLE: Weed Control Systems in RR/LL Corn. 2404
CREATED: 04/28/2009 **REVISED:** 10/23/2009 **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	DOSAGE		ZEAMD	SETFA	CHEAL	IPOHE	XANST	ZEAMD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/05/09	06/05/09	06/05/09	06/05/09	06/05/09	06/16/09
1A	LUMAX	2.96	LAA 9	0	98	99	96	99	0
2A	LEXAR 3.7SE	3.24	LAA 9	0	97	99	93	91	0
3A»	CORVUS 2.6SC	0.114	LAA 9	0	96	99	95	94	0
B	ATRAZINE DF	1.50	LAA 9						
4A»	INTEGRITY 5.57	1.09	LAA 9	6	98	99	99	99	0
5A	LUMAX	1.97	LAA 9	0	97	99	92	93	0
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
6A	BICEP II MAG	1.93	LAA 9	0	96	99	72	73	0
B»	HALEX GT 4.38L	1.97	LAA 12						
C	ATRAZINE DF	0.50	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
7A»	BAL FLEXX 2L	0.047	LAA 9	0	87	99	50	77	0
B»	IGNITE 2.33SL	0.40	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
8A»	INTEGRITY 5.57	0.74	LAA 9	3	97	99	98	98	0
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	SURESTART 4.16	0.91	LAA 9	0	95	98	85	99	0
B»	DURANGO 4AE	0.75	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	HARNESS (7EC)	0.875	LAA 9	0	96	90	33	47	0
B»	RNDUP POWERMAX	0.38	LAA 12						
C»	IMPACT 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	1.00	LAA 12						
E»	LIQUID AMS	2.50	PMV 12						
11A»	CORVUS 2.6SC	0.061	LAA 9	0	89	99	88	86	0
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	HALEX GT 4.38L	1.97	LAA 12	C	C	C	C	C	0
B	ATRAZINE DF	1.00	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
13A	CALLISTO 4SC	0.094	LAA 12	C	C	C	C	C	0
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A	CALLISTO 4SC	0.047	LAA 12	C	C	C	C	C	0
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LAUDIS 3.5SC	0.082	LAA 12	C	C	C	C	C	0
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	CAPRENO 3.45 S	0.081	LAA 12	C	C	C	C	C	0
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
17A»	TOUCHDN TOTAL	0.78	LAA 12	C	C	C	C	C	0
B»	LIQUID AMS	2.50	PMV 12						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0

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

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD		SETFA		CHEAL		IPOHE		XANST		ZEAMD	
		RATE	UNIT		CON %	06/05/09	CON %	06/05/09	CON %	06/05/09	CON %	06/05/09	CON %	06/05/09	CON %	06/16/09
19A	LEXAR 3.7SE	2.08	LAA	9		0		92		99		87		86		0
	B»TOUCHDN TOTAL	0.78	LAA	12												
	C»LIQUID AMS	2.50	PMV	12												
		LSD (0.05)				1.07		2.65		1.94		10.38		16.28		0.00
		STANDARD DEVIATION				0.529		1.31		1.00		5.14		8.06		0.00

TITLE: Weed Control Systems in RR/LL Corn. 2404
CREATED: 04/28/2009 **REVISED:** 10/23/2009 **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	DOSAGE		SETFA	CHEAL	IPOHE	XANST	ZEAMD	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/16/09	06/16/09	06/16/09	06/16/09	07/01/09	07/01/09
1A	LUMAX	2.96	LAA 9	83	99	47	83	0	78
2A	LEXAR 3.7SE	3.24	LAA 9	85	98	37	68	0	73
3A»	CORVUS 2.6SC	0.114	LAA 9	82	99	75	80	0	70
B	ATRAZINE DF	1.50	LAA 9						
4A»	INTEGRITY 5.57	1.09	LAA 9	86	99	85	98	0	73
5A	LUMAX	1.97	LAA 9	98	99	88	93	0	94
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
6A	BICEP II MAG	1.93	LAA 9	99	99	98	98	0	98
B»	HALEX GT 4.38L	1.97	LAA 12						
C	ATRAZINE DF	0.50	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
7A»	BAL FLEXX 2L	0.047	LAA 9	96	99	70	90	0	85
B»	IGNITE 2.33SL	0.40	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
8A»	INTEGRITY 5.57	0.74	LAA 9	97	99	98	89	0	87
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	SURESTART 4.16	0.91	LAA 9	96	98	83	99	0	82
B»	DURANGO 4AE	0.75	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	HARNESS (7EC)	0.875	LAA 9	99	99	95	91	0	98
B»	RNDUP POWERMAX	0.38	LAA 12						
C»	IMPACT 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	1.00	LAA 12						
E»	LIQUID AMS	2.50	PMV 12						
11A»	CORVUS 2.6SC	0.061	LAA 9	96	99	83	99	0	85
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	HALEX GT 4.38L	1.97	LAA 12	99	99	98	99	0	99
B	ATRAZINE DF	1.00	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
13A	CALLISTO 4SC	0.094	LAA 12	96	99	87	96	0	85
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A	CALLISTO 4SC	0.047	LAA 12	98	99	83	98	0	87
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LAUDIS 3.5SC	0.082	LAA 12	97	99	77	99	0	85
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	CAPRENO 3.45 S	0.081	LAA 12	99	99	78	99	0	97
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
17A»	TOUCHDN TOTAL	0.78	LAA 12	97	97	83	99	0	89
B»	LIQUID AMS	2.50	PMV 12						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0

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

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	IPOHE	XANST	ZEAMD	SETFA
		RATE	UNIT		CON % 06/16/09	CON % 06/16/09	CON % 06/16/09	CON % 06/16/09	CON % 07/01/09	CON % 07/01/09
19A	LEXAR 3.7SE	2.08	LAA	9	98	99	82	91	0	94
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			5.60	1.24	13.52	15.36	0.00	6.40
		STANDARD DEVIATION			2.77	0.616	6.69	7.60	0.00	3.17

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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	TREATMENT	DOSAGE		CHEAL	IPOHE	XANST	YIELD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	BU/A
				07/01/09	07/01/09	07/01/09	10/17/09
1A	LUMAX	2.96	LAA 9	99	43	89	214.5
2A	LEXAR 3.7SE	3.24	LAA 9	95	10	47	215.6
3A»	CORVUS 2.6SC	0.114	LAA 9	99	47	73	215.4
B	ATRAZINE DF	1.50	LAA 9				
4A»	INTEGRITY 5.57	1.09	LAA 9	99	52	99	213.3
5A	LUMAX	1.97	LAA 9	99	67	86	211.3
B»	TOUCHDN TOTAL	0.78	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
6A	BICEP II MAG	1.93	LAA 9	99	94	95	212.1
B»	HALEX GT 4.38L	1.97	LAA 12				
C	ATRAZINE DF	0.50	LAA 12				
D»	ACTIVATOR 90	0.25	PMV 12				
E»	LIQUID AMS	2.50	PMV 12				
7A»	BAL FLEXX 2L	0.047	LAA 9	94	40	81	204.3
B»	IGNITE 2.33SL	0.40	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
8A»	INTEGRITY 5.57	0.74	LAA 9	89	83	89	209.8
B»	RNDUP POWERMAX	0.77	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
9A»	SURESTART 4.16	0.91	LAA 9	99	63	99	192.5
B»	DURANGO 4AE	0.75	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
10A	HARNESS (7EC)	0.875	LAA 9	99	89	89	221.9
B»	RNDUP POWERMAX	0.38	LAA 12				
C»	IMPACT 2.8SC	0.016	LAA 12				
D	ATRAZINE DF	1.00	LAA 12				
E»	LIQUID AMS	2.50	PMV 12				
11A»	CORVUS 2.6SC	0.061	LAA 9	99	72	98	221.3
B»	TOUCHDN TOTAL	0.78	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
12A»	HALEX GT 4.38L	1.97	LAA 12	99	96	98	205.1
B	ATRAZINE DF	1.00	LAA 12				
C»	ACTIVATOR 90	0.25	PMV 12				
D»	LIQUID AMS	2.50	PMV 12				
13A	CALLISTO 4SC	0.094	LAA 12	99	81	89	201.7
B»	TOUCHDN TOTAL	0.78	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
14A	CALLISTO 4SC	0.047	LAA 12	98	63	89	196.2
B»	TOUCHDN TOTAL	0.78	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
15A»	LAUDIS 3.5SC	0.082	LAA 12	99	67	89	191.8
B»	TOUCHDN TOTAL	0.78	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
16A»	CAPRENO 3.45 S	0.081	LAA 12	99	72	98	197.6
B»	TOUCHDN TOTAL	0.78	LAA 12				
C»	LIQUID AMS	2.50	PMV 12				
17A»	TOUCHDN TOTAL	0.78	LAA 12	90	60	91	207.2
B»	LIQUID AMS	2.50	PMV 12				
18A	CHECK	0.00	NA 0	0	0	0	161.8

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

TRT	TREATMENT	DOSAGE		CHEAL	IPOHE	XANST	YIELD	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	BU/A
					07/01/09	07/01/09	07/01/09	10/17/09
19A	LEXAR 3.7SE	2.08	LAA	9	98	63	86	206.8
	B»TOUCHDN TOTAL	0.78	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
		LSD (0.05)			4.93	19.91	23.85	18.94
		STANDARD DEVIATION			2.44	9.85	11.80	9.37

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/07/2009(1)

12 = ----- / POST 06/05/2009(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	CON %	06/05/2009	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/05/2009	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/05/2009	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	06/05/2009	04	P	IPOHE	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	06/05/2009	05	P	XANST	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/16/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/16/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	06/16/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	IPOHE	CON %	06/16/2009	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	XANST	CON %	06/16/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/01/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/01/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	07/01/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	IPOHE	CON %	07/01/2009	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	07/01/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/17/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = BURRUS 6BX50

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

15 = 5 LEAVES UNFOLDED

15 = 5 LEAVES UNFOLDED

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED