

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	06/15/09	AME
AIR TEMPERATURE	75	F
% REL.HUMIDITY	69	
WIND DIRECTION	EAST	
WIND SPEED	2.0	M/H
CLOUD COVER	CLOUDY	
DEW	YES	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/14	
GH 9145RR/LL	11.0/11.0	IN
05/21/2009		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	1.00/5.00	IN
LAMBSQUARTERS, C	---/18	
	1.00/2.00	IN
MORNINGGLORY, TA	---/14	
	1.00/3.00	IN
FOXTAIL, GIANT	---/14	
	2.00/6.00	IN
COCKLEBUR, COMMO	---/15	
	2.00/6.00	IN

* TIMING CODES

11 = ----- / EPOST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Rimsulfuron Combinations (Cheminova) for Weed Control in RR/LL Corn. AS-400
CREATED: 04/19/2009 **REVISED:** 08/31/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
		RATE	UNIT		CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09
1A»	CHA-023 25WG	0.0156	LAA	11	0	86	90	95	72	87
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
2A»	CHA-023 25WG	0.0234	LAA	11	0	91	95	99	92	91
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A»	CHA-023 25WG	0.0156	LAA	11	0	96	99	99	97	98
	B LUMAX	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
4A»	CHA-023 25WG	0.0234	LAA	11	0	97	99	99	99	98
	B LUMAX	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
5A»	CHA-023 25WG	0.0156	LAA	11	0	96	91	86	92	89
	B»GLYFOS EXTRA 3	0.75	LAA	11						
6A»	CHA-023 25WG	0.0234	LAA	11	0	98	97	87	93	95
	B»GLYFOS EXTRA 3	0.75	LAA	11						
7A»	CHA-023 25WG	0.0156	LAA	11	0	98	99	99	97	98
	B»GLYFOS EXTRA 3	0.75	LAA	11						
	C»STATUS 56DG	0.175	LAA	11						
8A»	CHA-023 25WG	0.0156	LAA	11	0	95	89	96	96	96
	B BANVEL 4SL	0.38	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A»	CHA-024 2L	0.018	LAA	11	0	87	88	96	85	88
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A»	CHA-024 2L	0.035	LAA	11	0	93	96	98	96	94
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A»	RESOLVE 25DF	0.0156	LAA	11	0	79	87	97	79	91
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	STEADFAST 75WG	0.035	LAA	11	0	94	88	97	78	89
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	CHA-023 25WG	0.0156	LAA	11	0	96	99	99	98	98
	B»STATUS 56DG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A»	CHA-024 2L	0.035	LAA	11	0	98	99	99	99	98
	B»STATUS 56DG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						

TITLE: Rimsulfuron Combinations (Cheminova) for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
		RATE	UNIT		CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09
16A»	CHA-023 25WG	0.0156	LAA	11	0	94	99	99	96	96
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.00	3.51	6.29	4.61	5.46	3.08
		STANDARD DEVIATION			0.00	1.72	3.08	2.26	2.68	1.51

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CREATED: 04/19/2009 **REVISED:** 08/31/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 07/03/09	SETFA CON % 07/03/09	AMATA CON % 07/03/09	CHEAL CON % 07/03/09	XANST CON % 07/03/09	PHBPU CON % 07/03/09
		RATE	UNIT	TM						
1A»	CHA-023 25WG	0.0156	LAA	11	0	77	73	95	75	83
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
2A»	CHA-023 25WG	0.0234	LAA	11	0	85	86	94	80	90
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A»	CHA-023 25WG	0.0156	LAA	11	0	90	99	99	97	97
	B LUMAX	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
4A»	CHA-023 25WG	0.0234	LAA	11	0	95	99	99	97	98
	B LUMAX	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
5A»	CHA-023 25WG	0.0156	LAA	11	0	86	81	70	77	84
	B»GLYFOS EXTRA 3	0.75	LAA	11						
6A»	CHA-023 25WG	0.0234	LAA	11	0	92	88	78	85	87
	B»GLYFOS EXTRA 3	0.75	LAA	11						
7A»	CHA-023 25WG	0.0156	LAA	11	0	95	98	99	93	98
	B»GLYFOS EXTRA 3	0.75	LAA	11						
	C»STATUS 56DG	0.175	LAA	11						
8A»	CHA-023 25WG	0.0156	LAA	11	0	88	84	98	95	93
	B BANVEL 4SL	0.38	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A»	CHA-024 2L	0.018	LAA	11	0	91	77	95	83	91
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A»	CHA-024 2L	0.035	LAA	11	0	93	88	98	88	93
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A»	RESOLVE 25DF	0.0156	LAA	11	0	79	81	98	72	89
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	STEADFAST 75WG	0.035	LAA	11	0	96	88	99	80	93
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	CHA-023 25WG	0.0156	LAA	11	0	95	99	99	96	97
	B»STATUS 56DG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A»	CHA-024 2L	0.035	LAA	11	3	97	99	99	97	98
	B»STATUS 56DG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
		RATE	UNIT TM	CON % 07/03/09	CON % 07/03/09	CON % 07/03/09	CON % 07/03/09	CON % 07/03/09	CON % 07/03/09
16A»	CHA-023 25WG	0.0156	LAA 11	0	87	99	98	85	84
	B»LAUDIS 3.5SC	0.082	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		1.00	5.45	7.82	6.35	6.87	4.78
		STANDARD DEVIATION		0.514	2.67	3.83	3.11	3.36	2.34

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
		RATE	UNIT		CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09
1A»	CHA-023 25WG	0.0156	LAA	11	0	77	75	98	68	81
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
2A»	CHA-023 25WG	0.0234	LAA	11	0	83	86	99	79	89
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
3A»	CHA-023 25WG	0.0156	LAA	11	0	85	99	99	98	97
	B LUMAX	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
4A»	CHA-023 25WG	0.0234	LAA	11	0	91	99	99	97	97
	B LUMAX	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
5A»	CHA-023 25WG	0.0156	LAA	11	0	83	68	72	70	76
	B»GLYFOS EXTRA 3	0.75	LAA	11						
6A»	CHA-023 25WG	0.0234	LAA	11	0	92	88	75	83	84
	B»GLYFOS EXTRA 3	0.75	LAA	11						
7A»	CHA-023 25WG	0.0156	LAA	11	0	93	97	95	86	94
	B»GLYFOS EXTRA 3	0.75	LAA	11						
	C»STATUS 56DG	0.175	LAA	11						
8A»	CHA-023 25WG	0.0156	LAA	11	0	87	85	98	88	93
	B BANVEL 4SL	0.38	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
9A»	CHA-024 2L	0.018	LAA	11	0	88	81	99	84	89
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
10A»	CHA-024 2L	0.035	LAA	11	0	97	94	99	90	96
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
11A»	RESOLVE 25DF	0.0156	LAA	11	0	83	86	99	80	87
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
12A	STEADFAST 75WG	0.035	LAA	11	0	96	85	99	85	94
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	CHA-023 25WG	0.0156	LAA	11	0	92	99	99	94	96
	B»STATUS 56DG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						
15A»	CHA-024 2L	0.035	LAA	11	0	97	99	99	98	97
	B»STATUS 56DG	0.175	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D 28% UAN	2.50	PMV	11						

TITLE: Rimsulfuron Combinations (Cheminova) for Weed Control in RR/LL Corn. AS-400

TRT TREATMENT NUM COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
	RATE	UNIT	TM	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09	CON % 07/14/09
16A»CHA-023 25WG	0.0156	LAA	11	0	87	99	99	84	86
B»LAUDIS 3.5SC	0.082	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)			0.00	5.46	8.10	3.55	5.67	4.66
	STANDARD DEVIATION			0.00	2.68	4.00	1.74	2.78	2.28

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

11 = ----- / EPOST 06/15/2009(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	CON %	06/25/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/25/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/25/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/25/2009	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	06/25/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/25/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/03/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/03/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/03/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/03/2009	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	07/03/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/03/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/14/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/14/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	07/14/2009	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	XANST	CON %	07/14/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/14/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH 9145RR/LL