

## 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	68	
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	
P 34F97 RR/LL	11.0/11.0	IN
05/27/2009		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	1.00/6.00	IN
LAMBSQUARTERS, C	---/17	
	1.00/2.00	IN
MORNINGGLORY, TA	---/15	
	1.00/3.00	IN
FOXTAIL, GIANT	---/15	
	2.00/6.00	IN
COCKLEBUR, COMMO	---/14	
	2.00/6.00	IN

## \* TIMING CODES

11 = ----- / EPOST

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS 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:** Laudis with Adjuvant and Drift products for Weed Control in RR/LL Corn. AS-400  
**CREATED:** 04/20/2009 **REVISED:** 09/22/2009 **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»	LAUDIS 3.5SC	0.082	LAA	11	0	94	99	99	98	96
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
2A»	LAUDIS 3.5SC	0.082	LAA	11	0	93	99	99	98	96
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.75	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A»	LAUDIS 3.5SC	0.082	LAA	11	0	90	99	99	93	95
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
4A»	LAUDIS 3.5SC	0.082	LAA	11	0	87	99	99	94	94
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
5A»	IMPACT 2.8SC	0.016	LAA	11	0	98	99	99	97	94
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
6A»	IMPACT 2.8SC	0.022	LAA	11	0	98	99	99	99	96
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
7A»	CAPRENO 3.45 S	0.081	LAA	11	0	95	99	99	96	96
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
8A»	LAUDIS 3.5SC	0.082	LAA	11	0	93	99	99	97	96
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	WEATHERGARD CO	2.00	QMG	11						
9A»	LAUDIS 3.5SC	0.082	LAA	11	0	95	99	99	97	97
B	ATRAZINE DF	0.50	LAA	11						
C»	DESTINY HC	0.50	PMV	11						
D»	CLASS ACT NG	5.00	QMG	11						
E»	INTERLOCK	0.16	PMV	11						
10A»	LAUDIS 3.5SC	0.082	LAA	11	0	98	99	99	99	98
B	ATRAZINE DF	0.50	LAA	11						
C»	DYNE-AMIC	2.00	QMG	11						
D»	REQUEST	2.00	QMA	11						
E»	GROUNDED	4.00	QMA	11						
11A»	LAUDIS 3.5SC	0.082	LAA	11	0	92	99	99	97	95
B	ATRAZINE DF	0.50	LAA	11						
C»	SUNDANCE II MS	0.94	PMV	11						
D»	ARRAY	9.00	PMG	11						
12A»	LAUDIS 3.5SC	0.082	LAA	11	0	92	99	99	97	97
B	ATRAZINE DF	0.50	LAA	11						
C»	SOY-STIK	1.50	PMA	11						
D»	GARDIAN PLUS	2.00	QMG	11						
13A»	LAUDIS 3.5SC	0.082	LAA	11	0	96	99	99	99	98
B	ATRAZINE DF	0.50	LAA	11						
C»	SUCCEED	0.94	PMV	11						
D»	DOUBLEDOWN	10.00	QMG	11						

## TITLE: Laudis with Adjuvant and Drift products for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
		RATE	UNIT	TM	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09	CON % 06/25/09
14A»	LAUDIS 3.5SC	0.082	LAA	11	0	89	99	99	96	96
	B ATRAZINE DF	0.50	LAA	11						
	C»PERSIST ULTRA	1.50	PMA	11						
	D»BORDER XTRA	10.00	QMG	11						
15A»	LAUDIS 3.5SC	0.082	LAA	11	0	97	99	99	99	96
	B ATRAZINE DF	0.50	LAA	11						
	C»DESTINY HC	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
16A»	LAUDIS 3.5SC	0.082	LAA	11	0	91	99	99	96	96
	B ATRAZINE DF	0.50	LAA	11						
	C»DYNE-AMIC	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A»	LAUDIS 3.5SC	0.082	LAA	11	0	91	99	99	97	94
	B ATRAZINE DF	0.50	LAA	11						
	C»SUNDANCE II MS	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
19A»	LAUDIS 3.5SC	0.082	LAA	11	0	93	99	99	96	96
	B ATRAZINE DF	0.50	LAA	11						
	C»SOY-STIK	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
20A»	LAUDIS 3.5SC	0.082	LAA	11	0	98	99	99	99	97
	B ATRAZINE DF	0.50	LAA	11						
	C»SUCCEED	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
21A»	LAUDIS 3.5SC	0.082	LAA	11	0	97	99	99	99	96
	B ATRAZINE DF	0.50	LAA	11						
	C»PERSIST ULTRA	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A»	LAUDIS 3.5SC	0.082	LAA	11	0	96	99	99	98	96
	B ATRAZINE DF	0.50	LAA	11						
	C»SUPERSPREAD MS	0.94	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.00	4.57	0.00	0.00	1.84	1.94
		STANDARD DEVIATION			0.00	2.29	0.00	0.00	0.919	1.00

**TITLE:** Laudis with Adjuvant and Drift products for Weed Control in RR/LL Corn. AS-400  
**CREATED:** 04/20/2009 **REVISED:** 09/22/2009 **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 % 07/15/09	SETFA CON % 07/15/09	AMATA CON % 07/15/09	CHEAL CON % 07/15/09	XANST CON % 07/15/09	PHBPU CON % 07/15/09
		RATE	UNIT	TM						
1A»	LAUDIS 3.5SC	0.082	LAA	11	0	89	99	99	92	93
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
2A»	LAUDIS 3.5SC	0.082	LAA	11	0	86	99	99	90	90
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.75	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A»	LAUDIS 3.5SC	0.082	LAA	11	0	87	99	99	89	88
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
4A»	LAUDIS 3.5SC	0.082	LAA	11	0	79	99	99	86	84
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
5A»	IMPACT 2.8SC	0.016	LAA	11	0	88	99	99	84	85
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
6A»	IMPACT 2.8SC	0.022	LAA	11	0	92	99	99	93	89
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
7A»	CAPRENO 3.45 S	0.081	LAA	11	0	84	99	99	83	84
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
8A»	LAUDIS 3.5SC	0.082	LAA	11	0	88	99	99	87	82
B	ATRAZINE DF	0.50	LAA	11						
C»	MISO	1.00	PMV	11						
D»	WEATHERGARD CO	2.00	QMG	11						
9A»	LAUDIS 3.5SC	0.082	LAA	11	0	91	99	99	89	89
B	ATRAZINE DF	0.50	LAA	11						
C»	DESTINY HC	0.50	PMV	11						
D»	CLASS ACT NG	5.00	QMG	11						
E»	INTERLOCK	0.16	PMV	11						
10A»	LAUDIS 3.5SC	0.082	LAA	11	0	98	99	99	95	92
B	ATRAZINE DF	0.50	LAA	11						
C»	DYNE-AMIC	2.00	QMG	11						
D»	REQUEST	2.00	QMA	11						
E»	GROUNDED	4.00	QMA	11						
11A»	LAUDIS 3.5SC	0.082	LAA	11	0	84	99	99	88	85
B	ATRAZINE DF	0.50	LAA	11						
C»	SUNDANCE II MS	0.94	PMV	11						
D»	ARRAY	9.00	PMG	11						
12A»	LAUDIS 3.5SC	0.082	LAA	11	0	86	99	99	90	89
B	ATRAZINE DF	0.50	LAA	11						
C»	SOY-STIK	1.50	PMA	11						
D»	GARDIAN PLUS	2.00	QMG	11						
13A»	LAUDIS 3.5SC	0.082	LAA	11	0	92	99	99	93	90
B	ATRAZINE DF	0.50	LAA	11						
C»	SUCCEED	0.94	PMV	11						
D»	DOUBLEDOWN	10.00	QMG	11						

TITLE: Laudis with Adjuvant and Drift products for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	XANST	PHBPU
		RATE	UNIT		CON % 07/15/09	CON % 07/15/09	CON % 07/15/09	CON % 07/15/09	CON % 07/15/09	CON % 07/15/09
14A»	LAUDIS 3.5SC	0.082	LAA	11	0	79	99	99	84	86
	B ATRAZINE DF	0.50	LAA	11						
	C»PERSIST ULTRA	1.50	PMA	11						
	D»BORDER XTRA	10.00	QMG	11						
15A»	LAUDIS 3.5SC	0.082	LAA	11	0	90	99	99	91	91
	B ATRAZINE DF	0.50	LAA	11						
	C»DESTINY HC	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
16A»	LAUDIS 3.5SC	0.082	LAA	11	0	81	99	99	88	89
	B ATRAZINE DF	0.50	LAA	11						
	C»DYNE-AMIC	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A»	LAUDIS 3.5SC	0.082	LAA	11	0	91	99	99	91	90
	B ATRAZINE DF	0.50	LAA	11						
	C»SUNDANCE II MS	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
19A»	LAUDIS 3.5SC	0.082	LAA	11	0	87	99	99	88	82
	B ATRAZINE DF	0.50	LAA	11						
	C»SOY-STIK	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
20A»	LAUDIS 3.5SC	0.082	LAA	11	0	94	99	99	93	91
	B ATRAZINE DF	0.50	LAA	11						
	C»SUCCEED	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
21A»	LAUDIS 3.5SC	0.082	LAA	11	0	95	97	99	96	92
	B ATRAZINE DF	0.50	LAA	11						
	C»PERSIST ULTRA	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A»	LAUDIS 3.5SC	0.082	LAA	11	0	91	99	99	92	88
	B ATRAZINE DF	0.50	LAA	11						
	C»SUPERSPREAD MS	0.94	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				0.00	5.71	1.21	0.00	4.39	5.00
	STANDARD DEVIATION				0.00	2.85	0.603	0.00	2.20	2.51

>> = 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 %	07/15/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/15/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/15/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/15/2009	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	07/15/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/15/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = P 34F97 RR/LL