

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
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	12	
TYPE	LIQMIX	
APPLICATION DATE	06/01/12	AME
AIR TEMPERATURE	64	F
% REL.HUMIDITY	45	
WIND DIRECTION	NORTHWEST	
WIND SPEED	8.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
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	---/16	
N72F3000GT	20.0/20.0	IN
04/19/2012		
*** PEST ***		
VELVETLEAF	---/18	
	2.00/12.0	IN
WATERHEMP, COMMO	---/19	
	4.00/14.0	IN
LAMBSQUARTERS, C	---/19	
	4.00/14.0	IN
MORNINGGLORY, TA	---/19	
	2.00/10.0	IN
FOXTAIL, GIANT	---/17	
	4.00/14.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

16 = 6 LEAVES UNFOLDED
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and Laudis with Oil Adjuvants in RR/LL Corn. AS-100
CREATED: 04/16/2012 **REVISED:** 08/10/2012 **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	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 06/12/12	CON % 06/12/12	CON % 06/12/12	CON % 06/12/12	CON % 06/12/12	CON % 06/12/12
1A	TOUCHDOWN HT	0.56	LAA	12	0	91	73	84	92	77
	B>>LAUDIS 3.5SC	0.062	LAA	12						
2A	TOUCHDOWN HT	0.56	LAA	12	0	96	75	91	96	84
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>N-PAK AMS	2.50	PMV	12						
3A	TOUCHDOWN HT	0.56	LAA	12	0	98	98	98	99	88
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>CLASS ACT NG	2.50	PMV	12						
4A	TOUCHDOWN HT	0.56	LAA	12	0	98	97	96	99	89
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>PRIME OIL	1.00	PMV	12						
	D>>N-PAK AMS	2.50	PMV	12						
5A	TOUCHDOWN HT	0.56	LAA	12	0	98	99	97	99	89
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>SUPERB HC	1.00	PMA	12						
	D>>CLASS ACT NG	2.50	PMV	12						
6A	TOUCHDOWN HT	0.56	LAA	12	0	97	98	96	99	88
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>SUPERB HC	1.00	PMA	12						
	D>>CLASS ACT FLEX	2.00	PMV	12						
7A	TOUCHDOWN HT	0.56	LAA	12	0	97	94	93	98	88
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>SUPERB HC	1.00	PMA	12						
	D>>CLASS ACT FLEX	2.00	PMV	12						
	E>>INTERLOCK	4.00	ZMA	12						
8A	TOUCHDOWN HT	0.56	LAA	12	0	97	95	78	96	81
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>MSO	1.00	PMV	12						
	D>>N-PAK AMS	2.50	PMV	12						
9A	TOUCHDOWN HT	0.56	LAA	12	0	98	99	97	99	89
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>DESTINY HC	1.00	PMA	12						
	D>>CLASS ACT NG	2.50	PMV	12						
10A	TOUCHDOWN HT	0.56	LAA	12	0	98	98	96	99	86
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>DESTINY HC	1.00	PMA	12						
	D>>CLASS ACT FLEX	2.00	PMV	12						
11A	TOUCHDOWN HT	0.56	LAA	12	0	98	99	96	99	90
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>AG 12035	2.50	PMV	12						
12A	TOUCHDOWN HT	0.56	LAA	12	0	99	98	97	99	88
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>AG 11017	1.50	PMV	12						
		LSD (0.05)			0.00	2.47	6.93	5.45	3.39	6.00
		STANDARD DEVIATION			0.00	1.19	3.34	2.63	1.63	2.89

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REPS: 03

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		RATE	UNIT	TM	CON % 06/27/12	CON % 06/27/12	CON % 06/27/12	CON % 06/27/12	CON % 06/27/12	CON % 06/27/12
1A	TOUCHDOWN HT	0.56	LAA	12	0	90	48	73	99	77
	B>>LAUDIS 3.5SC	0.062	LAA	12						
2A	TOUCHDOWN HT	0.56	LAA	12	0	98	68	72	99	83
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>N-PAK AMS	2.50	PMV	12						
3A	TOUCHDOWN HT	0.56	LAA	12	0	99	98	98	99	91
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>CLASS ACT NG	2.50	PMV	12						
4A	TOUCHDOWN HT	0.56	LAA	12	0	99	98	99	99	90
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>PRIME OIL	1.00	PMV	12						
	D>>N-PAK AMS	2.50	PMV	12						
5A	TOUCHDOWN HT	0.56	LAA	12	0	99	99	98	99	89
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>SUPERB HC	1.00	PMA	12						
	D>>CLASS ACT NG	2.50	PMV	12						
6A	TOUCHDOWN HT	0.56	LAA	12	0	99	97	98	99	89
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>SUPERB HC	1.00	PMA	12						
	D>>CLASS ACT FLEX	2.00	PMV	12						
7A	TOUCHDOWN HT	0.56	LAA	12	0	99	94	84	99	89
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>SUPERB HC	1.00	PMA	12						
	D>>CLASS ACT FLEX	2.00	PMV	12						
	E>>INTERLOCK	4.00	ZMA	12						
8A	TOUCHDOWN HT	0.56	LAA	12	0	99	94	79	99	84
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>MSO	1.00	PMV	12						
	D>>N-PAK AMS	2.50	PMV	12						
9A	TOUCHDOWN HT	0.56	LAA	12	0	99	99	98	99	89
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	C>>DESTINY HC	1.00	PMA	12						
	D>>CLASS ACT FLEX	2.00	PMV	12						
11A	TOUCHDOWN HT	0.56	LAA	12	0	99	99	98	99	93
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>AG 12035	2.50	PMV	12						
12A	TOUCHDOWN HT	0.56	LAA	12	0	99	99	98	99	94
	B>>LAUDIS 3.5SC	0.062	LAA	12						
	C>>AG 11017	1.50	PMV	12						
		LSD (0.05)			0.00	1.61	5.23	10.57	0.00	4.90
		STANDARD DEVIATION			0.00	0.775	2.52	5.09	0.00	2.36

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/01/2012(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 %	06/12/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	SETFA	CON %	06/12/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/12/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/12/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/12/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/27/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/27/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/27/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/27/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/27/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/27/2012	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = N72F3000GT