

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	06/14/13	AME
AIR TEMPERATURE	70	F
% REL.HUMIDITY	41	
WIND DIRECTION	NORTH	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
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	---	
FOLIAGE HEIGHT		FT
FOLIAGE WIDTH		FT
ROW WIDTH		FT
SPRAY VOL LWA/TRV		
S VOL LWA/TRV UNIT		
LEAF WALL AREA		M2H
TREE ROW VOLUME		M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	
CROP *		
P, CORN, DENT	---/15	
NK-74R RR/LL	15.0/15.0	IN
(PLANTED) 05/15/2013	30 DAP	
PEST *		
P, VELVETLEAF	---/15 3.00/5.00	IN
P, WATERHEMP, COMMO	---/19 2.00/8.00	IN
P, LAMBSQUARTERS, C	---/19 2.00/4.00	IN
P, MORNINGGLORY, TA	---/16 2.00/4.00	IN
P, FOXTAIL, GIANT	---/16 2.00/10.0	IN
P, COCKLEBUR, COMMO	---/16 2.00/10.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate, Laudis, + Oil Adjuvant Trial in RR/LL Corn. AS-200
CREATED: 04/24/2013 **REVISED:** 08/09/2013 **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 % 06/25/13	CON % 06/25/13	CON % 06/25/13	CON % 06/25/13	CON % 06/25/13	CON % 06/25/13
1A	TOUCHDOWN HT	0.38	LAA	12	0	88	37	47	50	53
	B>LAUDIS 3.5SC	0.041	LAA	12						
2A	TOUCHDOWN HT	0.38	LAA	12	0	96	58	70	88	72
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>N-PAK AMS	2.50	PMV	12						
3A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	83
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>CLASS ACT NG	2.50	PMV	12						
4A	TOUCHDOWN HT	0.38	LAA	12	0	99	96	95	99	80
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>PRIME OIL	1.00	PMV	12						
	D>N-PAK AMS	2.50	PMV	12						
5A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	85
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>SUPERB HC	1.00	PMA	12						
	D>CLASS ACT NG	2.50	PMV	12						
6A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	84
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>SUPERB HC	1.00	PMA	12						
	D>AG 08034	2.00	PMV	12						
7A	TOUCHDOWN HT	0.38	LAA	12	0	99	98	98	99	83
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>SUPERB HC	1.00	PMA	12						
	D>AG 08034	2.00	PMV	12						
	E>INTERLOCK	4.00	ZMA	12						
8A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	86
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>MSO	1.00	PMV	12						
	D>N-PAK AMS	2.50	PMV	12						
9A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	86
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>DESTINY HC	1.00	PMA	12						
	D>CLASS ACT NG	2.50	PMV	12						
10A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	88
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>DESTINY HC	1.00	PMA	12						
	D>AG 08034	2.00	PMV	12						
11A	TOUCHDOWN HT	0.38	LAA	12	0	99	99	99	99	87
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>AG 11011	1.00	PMV	12						
12A	TOUCHDOWN HT	0.78	LAA	12	0	99	99	99	99	88
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C>DESTINY HC	1.00	PMA	12						
	D>CLASS ACT NG	2.50	PMV	12						
		LSD (0.05)			0.00	1.89	4.50	4.89	5.00	8.00
		STANDARD DEVIATION			0.00	0.909	2.17	2.36	2.40	3.85

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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			XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 06/25/13	CON % 07/13/13	CON % 07/13/13	CON % 07/13/13	CON % 07/13/13	CON % 07/13/13
1A	TOUCHDOWN HT	0.38	LAA	12	87	0	82	63	63	75
	B>LAUDIS 3.5SC	0.041	LAA	12						
2A	TOUCHDOWN HT	0.38	LAA	12	92	0	91	58	70	85
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>N-PAK AMS	2.50	PMV	12						
3A	TOUCHDOWN HT	0.38	LAA	12	98	0	96	98	93	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>CLASS ACT NG	2.50	PMV	12						
4A	TOUCHDOWN HT	0.38	LAA	12	97	0	98	98	89	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>PRIME OIL	1.00	PMV	12						
	D>N-PAK AMS	2.50	PMV	12						
5A	TOUCHDOWN HT	0.38	LAA	12	97	0	95	98	92	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>SUPERB HC	1.00	PMA	12						
	D>CLASS ACT NG	2.50	PMV	12						
6A	TOUCHDOWN HT	0.38	LAA	12	99	0	98	98	89	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>SUPERB HC	1.00	PMA	12						
	D>AG 08034	2.00	PMV	12						
7A	TOUCHDOWN HT	0.38	LAA	12	97	0	98	99	95	98
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>SUPERB HC	1.00	PMA	12						
	D>AG 08034	2.00	PMV	12						
	E>INTERLOCK	4.00	ZMA	12						
8A	TOUCHDOWN HT	0.38	LAA	12	99	0	97	99	95	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>MSO	1.00	PMV	12						
	D>N-PAK AMS	2.50	PMV	12						
9A	TOUCHDOWN HT	0.38	LAA	12	99	0	98	99	98	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>DESTINY HC	1.00	PMA	12						
	D>CLASS ACT NG	2.50	PMV	12						
10A	TOUCHDOWN HT	0.38	LAA	12	98	0	96	99	99	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>DESTINY HC	1.00	PMA	12						
	D>AG 08034	2.00	PMV	12						
11A	TOUCHDOWN HT	0.38	LAA	12	98	0	96	99	94	99
	B>LAUDIS 3.5SC	0.041	LAA	12						
	C>AG 11011	1.00	PMV	12						
12A	TOUCHDOWN HT	0.78	LAA	12	99	0	96	99	99	99
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C>DESTINY HC	1.00	PMA	12						
	D>CLASS ACT NG	2.50	PMV	12						
		LSD (0.05)			3.00	0.00	3.91	8.00	7.83	15.79
		STANDARD DEVIATION			1.47	0.00	1.88	3.86	3.78	7.62

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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	TREATMENT	DOSAGE			PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					07/13/13	07/13/13
1A	TOUCHDOWN HT	0.38	LAA	12	47	85
	B>>LAUDIS 3.5SC	0.041	LAA	12		
2A	TOUCHDOWN HT	0.38	LAA	12	62	92
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>N-PAK AMS	2.50	PMV	12		
3A	TOUCHDOWN HT	0.38	LAA	12	81	98
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>CLASS ACT NG	2.50	PMV	12		
4A	TOUCHDOWN HT	0.38	LAA	12	73	96
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>PRIME OIL	1.00	PMV	12		
	D>>N-PAK AMS	2.50	PMV	12		
5A	TOUCHDOWN HT	0.38	LAA	12	84	99
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>SUPERB HC	1.00	PMA	12		
	D>>CLASS ACT NG	2.50	PMV	12		
6A	TOUCHDOWN HT	0.38	LAA	12	81	98
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>SUPERB HC	1.00	PMA	12		
	D>>AG 08034	2.00	PMV	12		
7A	TOUCHDOWN HT	0.38	LAA	12	79	98
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>SUPERB HC	1.00	PMA	12		
	D>>AG 08034	2.00	PMV	12		
	E>>INTERLOCK	4.00	ZMA	12		
8A	TOUCHDOWN HT	0.38	LAA	12	81	99
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>MSO	1.00	PMV	12		
	D>>N-PAK AMS	2.50	PMV	12		
9A	TOUCHDOWN HT	0.38	LAA	12	83	99
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>DESTINY HC	1.00	PMA	12		
	D>>CLASS ACT NG	2.50	PMV	12		
10A	TOUCHDOWN HT	0.38	LAA	12	85	98
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>DESTINY HC	1.00	PMA	12		
	D>>AG 08034	2.00	PMV	12		
11A	TOUCHDOWN HT	0.38	LAA	12	82	98
	B>>LAUDIS 3.5SC	0.041	LAA	12		
	C>>AG 11011	1.00	PMV	12		
12A	TOUCHDOWN HT	0.78	LAA	12	88	98
	B>>LAUDIS 3.5SC	0.082	LAA	12		
	C>>DESTINY HC	1.00	PMA	12		
	D>>CLASS ACT NG	2.50	PMV	12		
		LSD (0.05)			8.11	3.53
		STANDARD DEVIATION			3.91	1.70

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/14/2013(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 %	06/25/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Glyphosate,Laudis, + Oil Adjuvant Trial in RR/LL Corn. AS-200

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 %	06/25/2013	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/25/2013	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/25/2013	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/25/2013	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/25/2013	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/25/2013	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	07/13/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/13/2013	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/13/2013	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/13/2013	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/13/2013	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	07/13/2013	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/13/2013	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = NK-74R RR/LL