

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	06/15/09	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	---/16	
GH 9145RR/LL	15.0/15.0	IN
05/21/2009		
*** PEST ***		
VELVETLEAF	---/15	
	2.00/6.00	IN
WATERHEMP, COMMO	---/19	
	2.00/8.00	IN
MORNINGGLORY, TA	---/17	
	2.00/4.00	IN
SMARTWEED, PENNS	---/19	
	2.00/6.00	IN
FOXTAIL, GIANT	---/15	
	4.00/12.0	IN
COCKLEBUR, COMMO	---/17	
	2.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate and Laudis with Different Adjuvants for weed control in RR/LL Corn.
AS-200

CREATED: 04/30/2009 REVISED: 08/26/2009

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	TREATMENT	DOSAGE		ZEAMD	SETFA	AMATA	POLPY	ABUTH	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/25/09	06/25/09	06/25/09	06/25/09	06/25/09	06/25/09
1A»	RNDUP POWERMAX	0.56	LAA 12	0	70	85	83	95	91
B»	LAUDIS 3.5SC	0.082	LAA 12						
2A»	RNDUP POWERMAX	0.56	LAA 12	0	73	87	86	95	92
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	N-PAK AMS	2.50	PMV 12						
3A»	RNDUP POWERMAX	0.56	LAA 12	0	78	92	88	97	94
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	CLASS ACT NG	2.50	PMV 12						
4A»	RNDUP POWERMAX	0.56	LAA 12	0	79	96	95	98	91
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	CLASS ACT NG	2.50	PMV 12						
D»	INTERLOCK	0.16	PMV 12						
5A»	RNDUP POWERMAX	0.56	LAA 12	0	84	97	98	99	94
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	PRIME OIL	1.00	PMV 12						
D»	N-PAK AMS	2.50	PMV 12						
6A»	RNDUP POWERMAX	0.56	LAA 12	0	79	93	92	97	95
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	SUPERB HC	0.50	PMV 12						
D»	CLASS ACT NG	2.50	PMV 12						
7A»	RNDUP POWERMAX	0.56	LAA 12	0	72	88	87	95	91
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	SUPERB HC	0.50	PMV 12						
D»	CLASS ACT NG	2.50	PMV 12						
E»	INTERLOCK	0.16	PMV 12						
8A»	RNDUP POWERMAX	0.56	LAA 12	0	88	98	97	99	98
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	DESTINY HC	0.50	PMV 12						
D»	CLASS ACT NG	2.50	PMV 12						
9A»	RNDUP POWERMAX	0.56	LAA 12	0	86	98	97	99	96
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	DESTINY HC	0.50	PMV 12						
D»	CLASS ACT NG	2.50	PMV 12						
E»	INTERLOCK	0.16	PMV 12						
10A»	RNDUP POWERMAX	0.56	LAA 12	0	82	94	95	98	98
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	DESTINY HC	0.50	PMV 12						
D»	N-PAK AMS	2.50	PMV 12						
11A»	RNDUP POWERMAX	0.56	LAA 12	0	84	95	96	98	96
B»	LAUDIS 3.5SC	0.082	LAA 12						
C»	MISO	1.00	PMV 12						
D»	N-PAK AMS	2.50	PMV 12						
12A»	RNDUP POWERMAX	0.56	LAA 12	0	91	95	99	99	99
B»	STATUS 56DG	0.088	LAA 12						
C»	ACTIVATE PLUS	0.25	PMV 12						
D»	N-PAK AMS	2.50	PMV 12						
LSD (0.05)				0.00	6.61	7.34	7.10	4.07	5.26
STANDARD DEVIATION				0.00	3.19	3.54	3.42	2.00	2.53

TITLE: Glyphosate and Laudis with Different Adjuvants for weed control in RR/LL Corn.
AS-200

CREATED: 04/30/2009 REVISED: 08/26/2009

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	TREATMENT	DOSAGE			PHBPU	ZEAMD	SETFA	AMATA	POLPY	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/25/09	07/14/09	07/14/09	07/14/09	07/14/09	07/14/09
1A»	RNDUP POWERMAX	0.56	LAA	12	65	0	82	91	96	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
2A»	RNDUP POWERMAX	0.56	LAA	12	68	0	87	96	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	N-PAK AMS	2.50	PMV	12						
3A»	RNDUP POWERMAX	0.56	LAA	12	78	0	87	94	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	CLASS ACT NG	2.50	PMV	12						
4A»	RNDUP POWERMAX	0.56	LAA	12	78	0	92	99	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	CLASS ACT NG	2.50	PMV	12						
D»	INTERLOCK	0.16	PMV	12						
5A»	RNDUP POWERMAX	0.56	LAA	12	81	0	95	98	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	PRIME OIL	1.00	PMV	12						
D»	N-PAK AMS	2.50	PMV	12						
6A»	RNDUP POWERMAX	0.56	LAA	12	77	0	92	97	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	SUPERB HC	0.50	PMV	12						
D»	CLASS ACT NG	2.50	PMV	12						
7A»	RNDUP POWERMAX	0.56	LAA	12	68	0	89	94	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	SUPERB HC	0.50	PMV	12						
D»	CLASS ACT NG	2.50	PMV	12						
E»	INTERLOCK	0.16	PMV	12						
8A»	RNDUP POWERMAX	0.56	LAA	12	84	0	95	99	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	DESTINY HC	0.50	PMV	12						
D»	CLASS ACT NG	2.50	PMV	12						
9A»	RNDUP POWERMAX	0.56	LAA	12	84	0	93	97	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	DESTINY HC	0.50	PMV	12						
D»	CLASS ACT NG	2.50	PMV	12						
E»	INTERLOCK	0.16	PMV	12						
10A»	RNDUP POWERMAX	0.56	LAA	12	85	0	98	99	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	DESTINY HC	0.50	PMV	12						
D»	N-PAK AMS	2.50	PMV	12						
11A»	RNDUP POWERMAX	0.56	LAA	12	83	0	97	98	99	99
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	MSO	1.00	PMV	12						
D»	N-PAK AMS	2.50	PMV	12						
12A»	RNDUP POWERMAX	0.56	LAA	12	92	0	90	91	99	99
B»	STATUS 56DG	0.088	LAA	12						
C»	ACTIVATE PLUS	0.25	PMV	12						
D»	N-PAK AMS	2.50	PMV	12						
LSD (0.05)					6.60	0.00	8.70	4.95	0.564	0.00
STANDARD DEVIATION					3.18	0.00	4.19	2.39	0.272	0.00

TITLE: Glyphosate and Laudis with Different Adjuvants for weed control in RR/LL Corn.
AS-200

CREATED: 04/30/2009 REVISED: 08/26/2009

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	TREATMENT	DOSAGE		XANST	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %
				07/14/09	07/14/09
1A»	RNDUP POWERMAX	0.56	LAA 12	89	67
B»	LAUDIS 3.5SC	0.082	LAA 12		
2A»	RNDUP POWERMAX	0.56	LAA 12	92	80
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	N-PAK AMS	2.50	PMV 12		
3A»	RNDUP POWERMAX	0.56	LAA 12	92	77
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	CLASS ACT NG	2.50	PMV 12		
4A»	RNDUP POWERMAX	0.56	LAA 12	93	79
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	CLASS ACT NG	2.50	PMV 12		
D»	INTERLOCK	0.16	PMV 12		
5A»	RNDUP POWERMAX	0.56	LAA 12	95	87
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	PRIME OIL	1.00	PMV 12		
D»	N-PAK AMS	2.50	PMV 12		
6A»	RNDUP POWERMAX	0.56	LAA 12	93	82
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	SUPERB HC	0.50	PMV 12		
D»	CLASS ACT NG	2.50	PMV 12		
7A»	RNDUP POWERMAX	0.56	LAA 12	91	83
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	SUPERB HC	0.50	PMV 12		
D»	CLASS ACT NG	2.50	PMV 12		
E»	INTERLOCK	0.16	PMV 12		
8A»	RNDUP POWERMAX	0.56	LAA 12	96	87
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	DESTINY HC	0.50	PMV 12		
D»	CLASS ACT NG	2.50	PMV 12		
9A»	RNDUP POWERMAX	0.56	LAA 12	93	80
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	DESTINY HC	0.50	PMV 12		
D»	CLASS ACT NG	2.50	PMV 12		
E»	INTERLOCK	0.16	PMV 12		
10A»	RNDUP POWERMAX	0.56	LAA 12	96	89
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	DESTINY HC	0.50	PMV 12		
D»	N-PAK AMS	2.50	PMV 12		
11A»	RNDUP POWERMAX	0.56	LAA 12	94	87
B»	LAUDIS 3.5SC	0.082	LAA 12		
C»	MISO	1.00	PMV 12		
D»	N-PAK AMS	2.50	PMV 12		
12A»	RNDUP POWERMAX	0.56	LAA 12	93	94
B»	STATUS 56DG	0.088	LAA 12		
C»	ACTIVATE PLUS	0.25	PMV 12		
D»	N-PAK AMS	2.50	PMV 12		
LSD (0.05)				2.55	7.46
STANDARD DEVIATION				1.23	3.60

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/15/2009(1)

TITLE: Glyphosate and Laudis with Different Adjuvants for weed control 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	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	POLPY	CON %	06/25/2009	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/25/2009	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/25/2009	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/25/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	07/14/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/14/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	POLPY	CON %	07/14/2009	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/14/2009	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	07/14/2009	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/14/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH 9145RR/LL