

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	06/01/14	AME
AIR TEMPERATURE	89	F
% REL.HUMIDITY	31	
WIND DIRECTION	SOUTH	
WIND SPEED	8.0	M/H
CLOUD COVER	PARTCLDY	
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	---/16	
DKC63-33RRL	15.0/15.0	IN
(PLANTED) 04/22/2014	40 DAP	
PEST *		
P, VELVETLEAF	---/15 2.00/6.00	IN
P, WATERHEMP, COMMO	---/19 2.00/8.00	IN
P, LAMBSQUARTERS, C	---/19 2.00/6.00	IN
P, MORNINGGLORY, TA	---/16 2.00/4.00	IN
P, FOXTAIL, GIANT	---/15 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
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate, Adjuvants, Water Conditions, and Dicamba Evaluation in RR/LL Corn.
AS-100

CREATED: 04/16/2014 **REVISED:** 09/16/2014

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	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	TOUCHDOWN HT	0.38	LAA	12	0	55	37	47	33	37
3A	TOUCHDOWN HT	0.38	LAA	12	0	82	68	81	67	68
	B»N-PAK AMS	2.50	PMV	12						
4A	TOUCHDOWN HT	0.38	LAA	12	0	92	88	87	82	75
	B»AG 8034	1.00	PMV	12						
5A	TOUCHDOWN HT	0.38	LAA	12	0	89	84	83	78	70
	B»AG 13063	1.00	PMV	12						
6A	TOUCHDOWN HT	0.38	LAA	12	0	80	75	83	70	65
	B»AG 13061	0.50	PMV	12						
7A	TOUCHDOWN HT	0.38	LAA	12	0	78	68	84	72	67
	B»AG 13063	0.50	PMV	12						
8A	TOUCHDOWN HT	0.38	LAA	12	0	89	80	83	72	70
	B»AG 14008	1.00	PMV	12						
9A	TOUCHDOWN HT	0.38	LAA	12	0	88	68	82	72	68
	B»AG 14009	1.00	PMV	12						
10A	TOUCHDOWN HT	0.38	LAA	12	0	96	81	90	75	75
	B»AG 14017	1.00	PMV	12						
11A	TOUCHDOWN HT	0.38	LAA	12	0	70	86	89	75	74
	B»STERLING BLUE	0.25	LAA	12						
12A	TOUCHDOWN HT	0.38	LAA	12	0	89	93	96	91	91
	B»STERLING BLUE	0.25	LAA	12						
	C»N-PAK AMS	2.50	PMV	12						
13A	TOUCHDOWN HT	0.38	LAA	12	0	96	97	98	92	93
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 8034	1.00	PMV	12						
14A	TOUCHDOWN HT	0.38	LAA	12	0	91	93	96	89	90
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 13063	1.00	PMV	12						
15A	TOUCHDOWN HT	0.38	LAA	12	0	90	93	94	89	90
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 13061	0.50	PMV	12						
16A	TOUCHDOWN HT	0.38	LAA	12	0	89	92	93	89	91
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 13063	0.50	PMV	12						
17A	TOUCHDOWN HT	0.38	LAA	12	0	94	94	95	90	91
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 14008	1.00	PMV	12						
18A	TOUCHDOWN HT	0.38	LAA	12	0	98	96	97	93	94
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 14009	1.00	PMV	12						
19A	TOUCHDOWN HT	0.38	LAA	12	0	96	97	98	93	93
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 14017	1.00	PMV	12						
20A	TOUCHDOWN HT	0.75	LAA	12	0	96	97	98	93	94
	B»STERLING BLUE	0.50	LAA	12						
	C»N-PAK AMS	2.50	PMV	12						

TITLE: Glyphosate, Adjuvants, Water Conditions, and Dicamba Evaluation in RR/LL Corn.
AS-100

LSD (0.05)	0.00	6.38	9.40	7.13	9.18	7.22
STANDARD DEVIATION	0.00	3.15	4.65	3.53	4.54	3.57

TITLE: Glyphosate, Adjuvants, Water Conditions, and Dicamba Evaluation in RR/LL Corn.
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CREATED: 04/16/2014 **REVISED:** 09/16/2014

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	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/29/14	CON % 06/29/14	CON % 06/29/14	CON % 06/29/14	CON % 06/29/14	CON % 06/29/14
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	TOUCHDOWN HT	0.38	LAA	12	0	60	30	47	30	20
3A	TOUCHDOWN HT	0.38	LAA	12	0	80	47	68	48	33
	B»N-PAK AMS	2.50	PMV	12						
4A	TOUCHDOWN HT	0.38	LAA	12	0	90	73	90	67	58
	B»AG 8034	1.00	PMV	12						
5A	TOUCHDOWN HT	0.38	LAA	12	0	90	65	87	65	53
	B»AG 13063	1.00	PMV	12						
6A	TOUCHDOWN HT	0.38	LAA	12	0	89	65	86	63	52
	B»AG 13061	0.50	PMV	12						
7A	TOUCHDOWN HT	0.38	LAA	12	0	83	55	80	53	43
	B»AG 13063	0.50	PMV	12						
8A	TOUCHDOWN HT	0.38	LAA	12	0	91	67	88	65	55
	B»AG 14008	1.00	PMV	12						
9A	TOUCHDOWN HT	0.38	LAA	12	0	90	57	84	60	47
	B»AG 14009	1.00	PMV	12						
10A	TOUCHDOWN HT	0.38	LAA	12	0	92	68	91	70	53
	B»AG 14017	1.00	PMV	12						
11A	TOUCHDOWN HT	0.38	LAA	12	0	80	85	92	86	77
	B»STERLING BLUE	0.25	LAA	12						
12A	TOUCHDOWN HT	0.38	LAA	12	0	91	93	98	96	92
	B»STERLING BLUE	0.25	LAA	12						
	C»N-PAK AMS	2.50	PMV	12						
13A	TOUCHDOWN HT	0.38	LAA	12	0	98	98	99	98	98
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 8034	1.00	PMV	12						
14A	TOUCHDOWN HT	0.38	LAA	12	0	91	95	97	96	88
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 13063	1.00	PMV	12						
15A	TOUCHDOWN HT	0.38	LAA	12	0	92	97	98	98	92
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 13061	0.50	PMV	12						
16A	TOUCHDOWN HT	0.38	LAA	12	0	90	93	96	98	89
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 13063	0.50	PMV	12						
17A	TOUCHDOWN HT	0.38	LAA	12	0	95	99	99	98	96
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 14008	1.00	PMV	12						
18A	TOUCHDOWN HT	0.38	LAA	12	0	92	98	98	97	92
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 14009	1.00	PMV	12						
19A	TOUCHDOWN HT	0.38	LAA	12	0	89	96	97	97	91
	B»STERLING BLUE	0.25	LAA	12						
	C»AG 14017	1.00	PMV	12						
20A	TOUCHDOWN HT	0.75	LAA	12	0	92	97	99	99	93
	B»STERLING BLUE	0.50	LAA	12						
	C»N-PAK AMS	2.50	PMV	12						

TITLE: Glyphosate, Adjuvants, Water Conditions, and Dicamba Evaluation in RR/LL Corn.
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LSD (0.05)	0.00	5.84	9.40	6.00	10.60	10.19
STANDARD DEVIATION	0.00	2.89	4.65	3.00	5.25	5.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/01/2014(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/11/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/11/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/11/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/11/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/11/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/11/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/29/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/29/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/29/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/29/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/29/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/29/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DKC63-33RRL