

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.6  
%OM: 4.7  
PREV.CROP: ZEAMD - dent corn  
%RESIDUE: 0  
PLOT WIDTH: 7.5 X 30 FEET  
PLOT AREA: 225 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	06/18/16	AME
TIME - BEGIN	07:50	24H
TIME - END	08:15	24H
AIR TEMPERATURE	72	F
% REL.HUMIDITY	60	
WIND DIRECTION	NORTHEAST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	71/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
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	TO BE SEL	
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, soybean;soya bea	---/15	
ASGROW AG3334 RR	6.00/8.00	IN
(PLANTED) 05/19/2016	30 DAP	
PEST *		
P, common morning g	---/14	
	2.00/4.00	IN
P, giant foxtail;no	---/14	
	2.00/6.00	IN
P, beach cocklebur;	---/13	
	2.00/6.00	IN

\* TIMING CODES

11 = --- / EPOST

\* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4 LEAVES UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES



**TITLE:** Layered Residuals in Glyphosate-Resistant Soybean Systems. AS-200  
**CREATED:** 04/27/2016 **REVISED:** 11/14/2016 **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	XANST	GLXMA	SETFA	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/06/16	07/06/16	07/14/16	07/14/16	07/14/16	07/14/16
1A»	RNDUP POWERMAX	1.125	LAA 11	73	92	0	99	68	83
B»	ANTHEM MAXX 4.	0.134	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
2A»	RNDUP POWERMAX	1.125	LAA 11	83	99	0	99	77	96
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	RNDUP POWERMAX	1.125	LAA 11	80	99	0	99	74	98
B»	WARRANT ULTRA	1.31	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	RNDUP POWERMAX	1.125	LAA 11	83	99	0	99	79	97
B»	ZIDUA 85WG	0.106	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	RNDUP POWERMAX	1.125	LAA 11	87	99	0	98	83	97
B»	ZIDUA 85WG	0.159	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
6A»	RNDUP POWERMAX	1.125	LAA 11	74	98	0	99	70	91
B	DUAL MAGNUM	0.95	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	RNDUP POWERMAX	1.125	LAA 11	74	98	0	99	67	96
B»	LIQUID AMS	2.50	PMV 11						
8A»	RNDUP POWERMAX	1.125	LAA 11	72	98	1	99	63	95
B	OUTLOOK 6EC	0.56	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A	CHECK	0.00	NA 0	0	0	0	0	0	0
10A»	RNDUP POWERMAX	1.125	LAA 11	78	98	2	99	75	97
B»	PREFIX 5.32SL	1.33	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		7.4	4.9	0.7	0.6	9.0	7.0
		STANDARD DEVIATION		3.5	2.3	0.4	0.3	4.3	3.3

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = --- / UNTREATED TIMING  
 11 = --- / EPOST 06/18/2016(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/27/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/27/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/27/2016	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/27/2016	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/06/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/06/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	07/06/2016	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST	CON %	07/06/2016	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/14/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/14/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU	CON %	07/14/2016	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	07/14/2016	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW AG3334 RR2