

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: ZEAMD - dent corn
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	12	13	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/21/16	06/27/16	AME
TIME - BEGIN	08:45	09:35	24H
TIME - END	09:00	10:00	24H
AIR TEMPERATURE	73	85	F
% REL.HUMIDITY	54	60	
WIND DIRECTION	NORTHWEST	WEST	
WIND SPEED	8.0	3.0	M/H
CLOUD COVER	PAR.CLOUD	CLEAR-0%	
DEW	TO BE SEL	NO	
SOIL MOISTURE	WET/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	78/4.00	80/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.260	0.260	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	TO BE SEL	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	DEN / STG MIN / MAX	
CROP *			
P, soybean;soya bea AG3334RR2 (PLANTED) 05/30/2016	---/13 4.00/6.00 22 DAP	---/14 6.00/8.00 28 DAP	IN
PEST *			
P, dent corn DKC64-87	---/14 8.00/10.0	---/15 16.0/18.0	IN

* TIMING CODES

12 = --- / POST
 13 = --- / LPOST

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 14 = 4 LEAVES UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

* STAGE CODE

15 = 5 LEAVES UNFOLDED

REPS: 03

[illegible]

TITLE: Control of Volunteer RR/LL Corn and Grass Species in Roundup-Ready Soybean. AS-300
CREATED: 04/18/2016 **REVISED:** 09/02/2016 **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	GLXMA	ZEAMD	GLXMA	ZEAMD	GLXMA	ZEAMD
NUM	COMPONENT	RATE	UNIT	TM	28 DAT	28 DAT	7 DAT	7 DAT
					08/02/16	08/02/16	07/04/16	07/04/16
1A»	QUIZAL-P 0.83L	0.034	LAA	13	0	98	0	86
B»	COC	1.00	PMV	13				0
2A»	QUIZAL-P 0.83L	0.052	LAA	13	0	98	1	88
B»	COC	1.00	PMV	13				3
3A»	QUIZAL-P 0.83L	0.069	LAA	13	0	99	2	92
B»	COC	1.00	PMV	13				4
4A»	QUIZAL-P 0.83L	0.138	LAA	13	0	99	5	94
B»	COC	1.00	PMV	13				7
5A	ASSURE II (0.8	0.034	LAA	13	0	99	0	86
B»	COC	1.00	PMV	13				3
6A	ASSURE II (0.8	0.052	LAA	13	0	99	1	92
B»	COC	1.00	PMV	13				3
7A	ASSURE II (0.8	0.069	LAA	13	0	99	4	93
B»	COC	1.00	PMV	13				4
8A	ASSURE II (0.8	0.138	LAA	13	0	99	9	94
B»	COC	1.00	PMV	13				7
9A	CHECK	0.00	NA	0	0	0	0	0
10A	SCEPTER 70DG	0.063	LAA	12	C	C	C	C
B»	RNDUP POWERMAX	0.98	LAA	12				
C»	MSO	0.50	PMV	12				
D»	LIQUID AMS	2.50	PMV	12				
11A	SELECT MAX	0.121	LAA	12	C	C	C	C
B	SCEPTER 70DG	0.063	LAA	12				
C»	RNDUP POWERMAX	0.98	LAA	12				
D»	MSO	0.50	PMV	12				
E»	LIQUID AMS	2.50	PMV	12				
12A»	FLEXSTAR GT 3.	1.23	LAA	12	C	C	C	C
B	SCEPTER 70DG	0.063	LAA	12				
C»	MSO	0.50	PMV	12				
D»	LIQUID AMS	2.50	PMV	12				
LSD (0.05)					0.0	0.8	1.1	2.4
STANDARD DEVIATION					0.0	0.4	0.5	1.2
								2.0
								0.9
								0.3
								0.1

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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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA 21 DAT 07/18/16	ZEAMD 21 DAT 07/18/16	GLXMA 28 DAT 08/08/16	ZEAMD 28 DAT 08/08/16
1A»QUIZAL-P 0.83L B»COC	0.034 1.00	LAA 13 PMV 13		0	98	0	98
2A»QUIZAL-P 0.83L B»COC	0.052 1.00	LAA 13 PMV 13		2	99	0	98
3A»QUIZAL-P 0.83L B»COC	0.069 1.00	LAA 13 PMV 13		2	99	0	99
4A»QUIZAL-P 0.83L B»COC	0.138 1.00	LAA 13 PMV 13		3	99	0	99
5A ASSURE II (0.8 B»COC	0.034 1.00	LAA 13 PMV 13		2	99	0	99
6A ASSURE II (0.8 B»COC	0.052 1.00	LAA 13 PMV 13		2	99	0	99
7A ASSURE II (0.8 B»COC	0.069 1.00	LAA 13 PMV 13		3	99	0	99
8A ASSURE II (0.8 B»COC	0.138 1.00	LAA 13 PMV 13		4	99	0	99
9A CHECK	0.00	NA 0		0	0	0	0
10A SCEPTER 70DG B»RNDUP POWERMAX C»MSO D»LIQUID AMS	0.063 0.98 0.50 2.50	LAA 12 LAA 12 PMV 12 PMV 12		C	C	C	C
11A SELECT MAX B SCEPTER 70DG C»RNDUP POWERMAX D»MSO E»LIQUID AMS	0.121 0.063 0.98 0.50 2.50	LAA 12 LAA 12 LAA 12 PMV 12 PMV 12		C	C	C	C
12A»FLEXSTAR GT 3. B SCEPTER 70DG C»MSO D»LIQUID AMS	1.23 0.063 0.50 2.50	LAA 12 LAA 12 PMV 12 PMV 12		C	C	C	C
LSD (0.05)				2.5	0.6	0.0	0.8
STANDARD DEVIATION				1.2	0.3	0.0	0.4

» = SUPPLEMENTAL CHEMICAL

---, M, C, D = MISSING DATA

* TIMING CODES

00 = --- / UNTREATED TIMING
 12 = --- / POST 06/21/2016(1)
 13 = --- / LPOST 06/27/2016(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	7 DAT	06/28/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	7 DAT	06/28/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	14 DAT	07/05/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	14 DAT	07/05/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	21 DAT	07/12/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	21 DAT	07/12/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	28 DAT	08/02/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	28 DAT	08/02/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	7 DAT	07/04/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	7 DAT	07/04/2016	02	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	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
007	GLXMA	14 DAT	07/11/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	14 DAT	07/11/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	21 DAT	07/18/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	21 DAT	07/18/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	28 DAT	08/08/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	28 DAT	08/08/2016	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG3334RR2

02 = DKC64-87