

SOIL INFORMATION

TEXTURE: SIC
PH: 6.2
%OM: 3.5
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	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/17/18	06/08/18	AME
TIME - BEGIN	11:55	13:05	24H
TIME - END	12:07	13:15	24H
AIR TEMPERATURE	83	91	F
% REL.HUMIDITY	45	48	
WIND DIRECTION	NORTHEAST	NORTH	
WIND SPEED	9.0	4.0	M/H
CLOUD COVER	PAR.CLOUD	PAR.CLOUD	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/ DRY	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	74/4.00	82/4.00	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	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
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		---/13	
AG34X6 RR2XTEND		5.00/5.00	IN
(PLANTED) 05/17/2018		22 DAP	
PEST *			
P, Waterhemp, commo		---/16	
		1.00/5.00	IN

* TIMING CODES

09 = --- / PREEMERGENCE
11 = --- / EPOST

* STAGE CODE

13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Syngenta Herbicides for Residual Waterhemp Control in RR2Xtend Soybean. Lost 40-B
CREATED: 05/15/2018 **REVISED:** 11/02/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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	AMATA	GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					05/30/18	05/30/18	06/05/18	06/05/18	06/13/18	06/13/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	DUAL MAGNUM	1.43	LAA	9	0	75	0	62	0	72
	B»RNDUP POWERMAX	0.91	LAA	11						
	C»XTENDIMAX 2.9	0.50	LAA	11						
	D»INTACT	0.50	PMV	11						
	E»CLASS ACT RIDI	1.00	PMV	11						
3A	BOUNDARY 6.5EC	1.63	LAA	9	0	82	0	78	0	85
	B»RNDUP POWERMAX	0.91	LAA	11						
	C»XTENDIMAX 2.9	0.50	LAA	11						
	D»INTACT	0.50	PMV	11						
	E»CLASS ACT RIDI	1.00	PMV	11						
4A»	PREFIX 5.32SL	1.33	LAA	9	0	98	0	96	0	95
	B»TRICOR 75DF	0.28	LAA	9						
	C»RNDUP POWERMAX	0.91	LAA	11						
	D»XTENDIMAX 2.9	0.50	LAA	11						
	E»INTACT	0.50	PMV	11						
	F»CLASS ACT RIDI	1.00	PMV	11						
5A»	SONIC 70DF	0.197	LAA	9	0	92	0	81	0	78
	B»RNDUP POWERMAX	0.91	LAA	11						
	C»XTENDIMAX 2.9	0.50	LAA	11						
	D»INTACT	0.50	PMV	11						
	E»CLASS ACT RIDI	1.00	PMV	11						
6A»	ZIDUA PRO 4.09	0.192	LAA	9	0	98	0	95	0	91
	B»RNDUP POWERMAX	0.91	LAA	11						
	C»XTENDIMAX 2.9	0.50	LAA	11						
	D»INTACT	0.50	PMV	11						
	E»CLASS ACT RIDI	1.00	PMV	11						
LSD (0.05)					0.0	11.1	0.0	13.5	0.0	10.6
STANDARD DEVIATION					0.0	5.0	0.0	6.1	0.0	4.7

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LOCATION: Urbana **RESEARCHED BY:**
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PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/23/18
		RATE	UNIT	TM	
1A	CHECK	0.00	NA	0	54
2A	DUAL MAGNUM	1.43	LAA	9	67
	B»RNDUP POWERMAX	0.91	LAA	11	
	C»XTENDIMAX 2.9	0.50	LAA	11	
	D»INTACT	0.50	PMV	11	
	E»CLASS ACT RIDI	1.00	PMV	11	
3A	BOUNDARY 6.5EC	1.63	LAA	9	66
	B»RNDUP POWERMAX	0.91	LAA	11	
	C»XTENDIMAX 2.9	0.50	LAA	11	
	D»INTACT	0.50	PMV	11	
	E»CLASS ACT RIDI	1.00	PMV	11	
4A»	PREFIX 5.32SL	1.33	LAA	9	68
	B»TRICOR 75DF	0.28	LAA	9	
	C»RNDUP POWERMAX	0.91	LAA	11	
	D»XTENDIMAX 2.9	0.50	LAA	11	
	E»INTACT	0.50	PMV	11	
	F»CLASS ACT RIDI	1.00	PMV	11	
5A»	SONIC 70DF	0.197	LAA	9	65
	B»RNDUP POWERMAX	0.91	LAA	11	
	C»XTENDIMAX 2.9	0.50	LAA	11	
	D»INTACT	0.50	PMV	11	
	E»CLASS ACT RIDI	1.00	PMV	11	
6A»	ZIDUA PRO 4.09	0.192	LAA	9	62
	B»RNDUP POWERMAX	0.91	LAA	11	
	C»XTENDIMAX 2.9	0.50	LAA	11	
	D»INTACT	0.50	PMV	11	
	E»CLASS ACT RIDI	1.00	PMV	11	
LSD (0.05)					4.8
STANDARD DEVIATION					2.2

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/17/2018(1)
 11 = --- / EPOST 06/08/2018(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	05/30/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	05/30/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/05/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/05/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/13/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/13/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/23/2018	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = AG34X6 RR2XTEND