

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	06/14/18	AME
TIME - BEGIN	11:45	11:05	24H
TIME - END	11:55	11:20	24H
AIR TEMPERATURE	83	84	F
% REL.HUMIDITY	45	48	
WIND DIRECTION	EAST	SOUTHEAST	
WIND SPEED	9.5	2.0	M/H
CLOUD COVER	PAR.CLOUD	HAZY SUN-	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/ DRY	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	74/4.00	72/4.00	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		---/14	
AG34X6 RR2XTEND		7.00/8.00	IN
(PLANTED) 05/17/2018		28 DAP	
PEST *			
P, Waterhemp, commo		---/17 1.50/3.00	IN
P, Morningglory, iv		---/15 1.50/3.00	IN
P, Giant foxtail		---/13 1.50/3.00	IN

*** TIMING CODES**

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

*** STAGE CODE**

13 = 3 LEAVES UNFOLDED
14 = TRIFOLIOLATE LEAF ON THE 4TH NODE UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Syngenta 2-pass Programs for Waterhemp Control in RR2Xtend Soybean. Lost 40-B
CREATED: 05/15/2018 **REVISED:** 11/05/2018 **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	SETFA	AMATA	IPOHE	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/22/18	06/22/18	06/22/18	06/22/18	07/01/18	07/01/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	BOUNDARY 6.5EC	1.63	LAA	9	5	99	80	99	0	99
	B»FLEXSTAR GT 3.	1.23	LAA	11						
	C»MSO	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
3A	BOUNDARY 6.5EC	1.63	LAA	9	4	99	94	99	0	99
	B»PREFIX 5.32SL	1.32	LAA	11						
	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						
4A	BOUNDARY 6.5EC	1.63	LAA	9	0	99	89	99	0	99
	B»TAVIUM 3.39AE	1.50	LAA	11						
	C»RNDUP POWERMAX	0.91	LAA	11						
	D»INTACT	0.50	PMV	11						
	E»CLASS ACT RIDI	1.00	PMV	11						
5A	BOUNDARY 6.5EC	1.63	LAA	9	4	99	95	99	0	99
	B FLEXSTAR 1.88	0.235	LAA	11						
	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						
6A	BOUNDARY 6.5EC	1.63	LAA	9	0	99	96	99	0	99
	B OUTLOOK 6EC	0.47	LAA	11						
	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						
7A	BOUNDARY 6.5EC	1.63	LAA	9	0	99	94	99	0	99
	B»ZIDUA 85WG	0.093	LAA	11						
	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						
8A	BOUNDARY 6.5EC	1.63	LAA	9	0	99	85	99	0	99
	B»WARRANT 3L	0.94	LAA	11						
	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						
LSD (0.05)					1.2	0.0	6.0	0.0	0.0	0.0
STANDARD DEVIATION					0.6	0.0	2.8	0.0	0.0	0.0

TITLE: Syngenta 2-pass Programs for Waterhemp Control in RR2Xtend Soybean. Lost 40-B
CREATED: 05/15/2018 **REVISED:** 11/05/2018 **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			AMATA	IPOHE	GLXMA	SETFA	AMATA	IPOHE
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					07/01/18	07/01/18	07/12/18	07/12/18	07/12/18	07/12/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	BOUNDARY 6.5EC	1.63	LAA	9	78	98	0	99	83	98
	B»FLEXSTAR GT 3.	1.23	LAA	11						
	C»MSO	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
3A	BOUNDARY 6.5EC	1.63	LAA	9	96	99	0	99	96	99
	B»PREFIX 5.32SL	1.32	LAA	11						
	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						
4A	BOUNDARY 6.5EC	1.63	LAA	9	98	99	0	99	99	99
	B»TAVIUM 3.39AE	1.50	LAA	11						
	C»RNDUP POWERMAX	0.91	LAA	11						
	D»INTACT	0.50	PMV	11						
	E»CLASS ACT RIDI	1.00	PMV	11						
5A	BOUNDARY 6.5EC	1.63	LAA	9	99	99	0	99	99	99
	B FLEXSTAR 1.88	0.235	LAA	11						
	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						
6A	BOUNDARY 6.5EC	1.63	LAA	9	99	99	0	99	98	99
	B OUTLOOK 6EC	0.47	LAA	11						
	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						
7A	BOUNDARY 6.5EC	1.63	LAA	9	98	99	0	99	98	99
	B»ZIDUA 85WG	0.093	LAA	11						
	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						
8A	BOUNDARY 6.5EC	1.63	LAA	9	97	99	0	99	98	99
	B»WARRANT 3L	0.94	LAA	11						
	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						
LSD (0.05)					2.5	1.4	0.0	0.0	2.2	0.8
STANDARD DEVIATION					1.2	0.7	0.0	0.0	1.0	0.4

TITLE: Syngenta 2-pass Programs for Waterhemp Control in RR2Xtend Soybean. Lost 40-B
CREATED: 05/15/2018 **REVISED:** 11/05/2018 **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 NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/23/18
		RATE	UNIT	TM	
1A	CHECK	0.00	NA	0	50
2A	BOUNDARY 6.5EC	1.63	LAA	9	64
	B»FLEXSTAR GT 3.	1.23	LAA	11	
	C»MSO	1.00	PMV	11	
	D»LIQUID AMS	2.50	PMV	11	
3A	BOUNDARY 6.5EC	1.63	LAA	9	63
	B»PREFIX 5.32SL	1.32	LAA	11	
	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	
4A	BOUNDARY 6.5EC	1.63	LAA	9	58
	B»TAVIUM 3.39AE	1.50	LAA	11	
	C»RNDUP POWERMAX	0.91	LAA	11	
	D»INTACT	0.50	PMV	11	
	E»CLASS ACT RIDI	1.00	PMV	11	
5A	BOUNDARY 6.5EC	1.63	LAA	9	62
	B FLEXSTAR 1.88	0.235	LAA	11	
	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	
6A	BOUNDARY 6.5EC	1.63	LAA	9	62
	B OUTLOOK 6EC	0.47	LAA	11	
	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	
7A	BOUNDARY 6.5EC	1.63	LAA	9	62
	B»ZIDUA 85WG	0.093	LAA	11	
	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	
8A	BOUNDARY 6.5EC	1.63	LAA	9	65
	B»WARRANT 3L	0.94	LAA	11	
	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	
LSD (0.05)					7.5
STANDARD DEVIATION					3.5

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/17/2018(1)
 11 = --- / EPOST 06/14/2018(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 %	06/22/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/22/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/22/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	06/22/2018	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Syngenta 2-pass Programs for Waterhemp Control in RR2Xtend Soybean. Lost 40-B

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
005	GLXMA	CON %	07/01/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/01/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	07/01/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	IPOHE	CON %	07/01/2018	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/12/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/12/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/12/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	07/12/2018	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	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