APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 5.8
%OM: 3.6
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	06/06/19	07/12/19	AME
TIME - BEGIN	14:00	10:30	24H
TIME - END	14:30	11:00	24H
AIR TEMPERATURE	88	89	F
% REL.HUMIDITY	45	59	
WIND DIRECTION	EAST	WEST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	CLOUDY-~6	CLEAR-0%	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	78/4.00	78/4.00	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		---/17	
GH3546X RR2XTEND		12.0/12.0	IN
(PLANTED) 06/06/2019		36 DAP	
PEST *			
P, Waterhemp, commo		---/19	
		4.00/4.00	IN
P, Giant foxtail		---/15	
		4.00/6.00	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE

*** TIMING CODES**
11 = --- / EPOST

*** STAGE CODE**
15 = 5 LEAVES UNFOLDED
17 = TRIFOLIOLATE LEAF ON THE 7TH NODE UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Base Residual Treatments in Xtend Soybeans. Lost 40
CREATED: 04/09/2019 **REVISED:** 10/31/2019 **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 RATE	UNIT	TM	GLXMA CON % 06/13/19	GLXMA CON % 06/21/19	GLXMA CON % 07/23/19	AMATA CON % 07/23/19	SETFA CON % 07/23/19	GLXMA CON % 08/06/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	AUTHORITY FIRS	0.28	LAA	9	0	0	0	87	99	0
B»	GLYPHOSATE 4.5	1.125	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»	AUTHOR. MAXX 6	0.264	LAA	9	0	0	0	87	99	0
B»	GLYPHOSATE 4.5	1.125	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»	AUTHOR. SUPREM	0.2275	LAA	9	0	0	0	88	99	0
B»	GLYPHOSATE 4.5	1.125	LAA	11						
C»	XTENDIMAX 2.9	0.50	LAA	11						
D»	INTACT	0.50	PMV	11						
E»	CLASS ACT RIDI	1.00	PMV	11						
5A»	VHP58-003 4.25	0.266	LAA	9	0	0	0	93	99	0
B»	GLYPHOSATE 4.5	1.125	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»	VHP58-003 4.25	0.365	LAA	9	0	1	0	99	99	0
B»	GLYPHOSATE 4.5	1.125	LAA	11						
C»	XTENDIMAX 2.9	0.50	LAA	11						
D»	INTACT	0.50	PMV	11						
E»	CLASS ACT RIDI	1.00	PMV	11						
7A»	AUTHOR. MAXX 6	0.264	LAA	9	0	1	0	92	99	0
B»	ANTHEM MAXX 4.	0.101	LAA	11						
C»	GLYPHOSATE 4.5	1.125	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»	VHP58-003 4.25	0.266	LAA	9	0	0	0	98	99	0
B»	CANOPY BLEND 5	5.00	OMA	0						
C	CLASSIC 25WG	0.025	LAA	9						
D»	TRICOR 75DF	0.1561	LAA	9						
E»	GLYPHOSATE 4.5	1.125	LAA	11						
F»	XTENDIMAX 2.9	0.50	LAA	11						
G»	INTACT	0.50	PMV	11						
H»	CLASS ACT RIDI	1.00	PMV	11						
9A»	VHP58-003 4.25	0.266	LAA	9	0	0	0	98	99	0
B»	TRICOR 75DF	0.28125	LAA	9						
C»	GLYPHOSATE 4.5	1.125	LAA	11						
D»	XTENDIMAX 2.9	0.50	LAA	11						
E»	INTACT	0.50	PMV	11						
F»	CLASS ACT RIDI	1.00	PMV	11						
10A»	ANTHEM MAXX 4.	0.134	LAA	9	0	0	0	96	99	0
B»	TRICOR 75DF	0.28125	LAA	9						
C»	GLYPHOSATE 4.5	1.125	LAA	11						
D»	XTENDIMAX 2.9	0.50	LAA	11						
E»	INTACT	0.50	PMV	11						
F»	CLASS ACT RIDI	1.00	PMV	11						
11A»	ZIDUA PRO 4.09	0.192	LAA	9	0	0	0	99	99	0
B»	GLYPHOSATE 4.5	1.125	LAA	11						
C»	XTENDIMAX 2.9	0.50	LAA	11						
D»	INTACT	0.50	PMV	11						
E»	CLASS ACT RIDI	1.00	PMV	11						

TITLE: Base Residual Treatments in Xtend Soybeans. Lost 40

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/13/19	GLXMA CON % 06/21/19	GLXMA CON % 07/23/19	AMATA CON % 07/23/19	SETFA CON % 07/23/19	GLXMA CON % 08/06/19
12A	»FIERCE XLT	4.00	OMA	0	0	1	0	99	99	0
B	»VALOR SX 51WDG	0.06152	LAA	9						
C	»ZIDUA 85WG	0.0781	LAA	9						
D	CLASSIC 25WG	0.01672	LAA	9						
E	»GLYPHOSATE 4.5	1.125	LAA	11						
F	»XTENDIMAX 2.9	0.50	LAA	11						
G	»INTACT	0.50	PMV	11						
H	»CLASS ACT RIDI	1.00	PMV	11						
13A	»BOUNDARY 6.5EC	1.473	LAA	9	0	0	0	99	99	0
B	»GLYPHOSATE 4.5	1.125	LAA	11						
C	»XTENDIMAX 2.9	0.50	LAA	11						
D	»INTACT	0.50	PMV	11						
E	»CLASS ACT RIDI	1.00	PMV	11						
14A	»VALOR XLT 40.3	4.00	OMA	0	0	2	0	89	99	0
B	»VALOR SX 51WDG	0.0749	LAA	9						
C	CLASSIC 25WG	0.0258	LAA	9						
D	»GLYPHOSATE 4.5	1.125	LAA	11						
E	»XTENDIMAX 2.9	0.50	LAA	11						
F	»INTACT	0.50	PMV	11						
G	»CLASS ACT RIDI	1.00	PMV	11						
15A	»FIERCEMTZ 2.64	0.33	LAA	9	0	3	0	99	99	0
B	»GLYPHOSATE 4.5	1.125	LAA	11						
C	»XTENDIMAX 2.9	0.50	LAA	11						
D	»INTACT	0.50	PMV	11						
E	»CLASS ACT RIDI	1.00	PMV	11						
16A	»TRICOR 75DF	0.28125	LAA	9	0	0	0	87	99	0
B	»GLYPHOSATE 4.5	1.125	LAA	11						
C	»XTENDIMAX 2.9	0.50	LAA	11						
D	»INTACT	0.50	PMV	11						
E	»CLASS ACT RIDI	1.00	PMV	11						
17A	»ANTHEM MAXX 4.	0.101	LAA	11	0	0	0	80	99	0
B	»GLYPHOSATE 4.5	1.125	LAA	11						
C	»XTENDIMAX 2.9	0.50	LAA	11						
D	»INTACT	0.50	PMV	11						
E	»CLASS ACT RIDI	1.00	PMV	11						
18A	»TAVIUM 3.39AE	1.50	LAA	11	0	1	0	81	99	0
B	»GLYPHOSATE 4.5	1.125	LAA	11						
C	»INTACT	0.50	PMV	11						
D	»CLASS ACT RIDI	1.00	PMV	11						
19A	»BOUNDARY 6.5EC	1.473	LAA	9	0	0	0	99	99	0
B	»TAVIUM 3.39AE	1.50	LAA	11						
C	»GLYPHOSATE 4.5	1.125	LAA	11						
D	»INTACT	0.50	PMV	11						
E	»CLASS ACT RIDI	1.00	PMV	11						
20A	»MATADOR 4.7L	1.763	LAA	9	0	0	0	87	99	0
B	»GLYPHOSATE 4.5	1.125	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	0.6	0.0	5.4	0.0	0.0
	STANDARD DEVIATION				0.0	0.3	0.0	2.7	0.0	0.0

TITLE: Base Residual Treatments in Xtend Soybeans. Lost 40
CREATED: 04/09/2019 **REVISED:** 10/31/2019 **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 RATE	UNIT	TM	AMATA CON % 08/06/19	SETFA CON % 08/06/19	GLXMA CON % 08/29/19	AMATA CON % 08/29/19	SETFA CON % 08/29/19
1A	CHECK	0.00	NA	0	0	0	0	0	0
2A	AUTHORITY FIRS	0.28	LAA	9	98	99	0	99	99
B»	GLYPHOSATE 4.5	1.125	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»	AUTHOR. MAXX 6	0.264	LAA	9	99	99	0	99	99
B»	GLYPHOSATE 4.5	1.125	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»	AUTHOR. SUPREM	0.2275	LAA	9	99	99	0	99	99
B»	GLYPHOSATE 4.5	1.125	LAA	11					
C»	XTENDIMAX 2.9	0.50	LAA	11					
D»	INTACT	0.50	PMV	11					
E»	CLASS ACT RIDI	1.00	PMV	11					
5A»	VHP58-003 4.25	0.266	LAA	9	99	99	0	99	99
B»	GLYPHOSATE 4.5	1.125	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»	VHP58-003 4.25	0.365	LAA	9	99	99	0	99	99
B»	GLYPHOSATE 4.5	1.125	LAA	11					
C»	XTENDIMAX 2.9	0.50	LAA	11					
D»	INTACT	0.50	PMV	11					
E»	CLASS ACT RIDI	1.00	PMV	11					
7A»	AUTHOR. MAXX 6	0.264	LAA	9	99	99	0	99	99
B»	ANTHEM MAXX 4.	0.101	LAA	11					
C»	GLYPHOSATE 4.5	1.125	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»	VHP58-003 4.25	0.266	LAA	9	98	99	0	99	99
B»	CANOPY BLEND 5	5.00	OMA	0					
C	CLASSIC 25WG	0.025	LAA	9					
D»	TRICOR 75DF	0.1561	LAA	9					
E»	GLYPHOSATE 4.5	1.125	LAA	11					
F»	XTENDIMAX 2.9	0.50	LAA	11					
G»	INTACT	0.50	PMV	11					
H»	CLASS ACT RIDI	1.00	PMV	11					
9A»	VHP58-003 4.25	0.266	LAA	9	99	99	0	99	99
B»	TRICOR 75DF	0.28125	LAA	9					
C»	GLYPHOSATE 4.5	1.125	LAA	11					
D»	XTENDIMAX 2.9	0.50	LAA	11					
E»	INTACT	0.50	PMV	11					
F»	CLASS ACT RIDI	1.00	PMV	11					
10A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	0	99	99
B»	TRICOR 75DF	0.28125	LAA	9					
C»	GLYPHOSATE 4.5	1.125	LAA	11					
D»	XTENDIMAX 2.9	0.50	LAA	11					
E»	INTACT	0.50	PMV	11					
F»	CLASS ACT RIDI	1.00	PMV	11					
11A»	ZIDUA PRO 4.09	0.192	LAA	9	99	99	0	99	99
B»	GLYPHOSATE 4.5	1.125	LAA	11					
C»	XTENDIMAX 2.9	0.50	LAA	11					
D»	INTACT	0.50	PMV	11					
E»	CLASS ACT RIDI	1.00	PMV	11					

TITLE: Base Residual Treatments in Xtend Soybeans. Lost 40

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 08/06/19	SETFA CON % 08/06/19	GLXMA CON % 08/29/19	AMATA CON % 08/29/19	SETFA CON % 08/29/19
12A	»FIERCE XLT	4.00	OMA	0	99	99	0	99	99
B	»VALOR SX 51WDG	0.06152	LAA	9					
C	»ZIDUA 85WG	0.0781	LAA	9					
D	CLASSIC 25WG	0.01672	LAA	9					
E	»GLYPHOSATE 4.5	1.125	LAA	11					
F	»XTENDIMAX 2.9	0.50	LAA	11					
G	»INTACT	0.50	PMV	11					
H	»CLASS ACT RIDI	1.00	PMV	11					
13A	»BOUNDARY 6.5EC	1.473	LAA	9	99	99	0	99	99
B	»GLYPHOSATE 4.5	1.125	LAA	11					
C	»XTENDIMAX 2.9	0.50	LAA	11					
D	»INTACT	0.50	PMV	11					
E	»CLASS ACT RIDI	1.00	PMV	11					
14A	»VALOR XLT 40.3	4.00	OMA	0	99	99	0	99	99
B	»VALOR SX 51WDG	0.0749	LAA	9					
C	CLASSIC 25WG	0.0258	LAA	9					
D	»GLYPHOSATE 4.5	1.125	LAA	11					
E	»XTENDIMAX 2.9	0.50	LAA	11					
F	»INTACT	0.50	PMV	11					
G	»CLASS ACT RIDI	1.00	PMV	11					
15A	»FIERCEMTZ 2.64	0.33	LAA	9	99	99	0	99	99
B	»GLYPHOSATE 4.5	1.125	LAA	11					
C	»XTENDIMAX 2.9	0.50	LAA	11					
D	»INTACT	0.50	PMV	11					
E	»CLASS ACT RIDI	1.00	PMV	11					
16A	»TRICOR 75DF	0.28125	LAA	9	92	99	0	96	99
B	»GLYPHOSATE 4.5	1.125	LAA	11					
C	»XTENDIMAX 2.9	0.50	LAA	11					
D	»INTACT	0.50	PMV	11					
E	»CLASS ACT RIDI	1.00	PMV	11					
17A	»ANTHEM MAXX 4.	0.101	LAA	11	89	99	0	91	99
B	»GLYPHOSATE 4.5	1.125	LAA	11					
C	»XTENDIMAX 2.9	0.50	LAA	11					
D	»INTACT	0.50	PMV	11					
E	»CLASS ACT RIDI	1.00	PMV	11					
18A	»TAVIUM 3.39AE	1.50	LAA	11	91	99	0	94	99
B	»GLYPHOSATE 4.5	1.125	LAA	11					
C	»INTACT	0.50	PMV	11					
D	»CLASS ACT RIDI	1.00	PMV	11					
19A	»BOUNDARY 6.5EC	1.473	LAA	9	99	99	0	99	99
B	»TAVIUM 3.39AE	1.50	LAA	11					
C	»GLYPHOSATE 4.5	1.125	LAA	11					
D	»INTACT	0.50	PMV	11					
E	»CLASS ACT RIDI	1.00	PMV	11					
20A	»MATADOR 4.7L	1.763	LAA	9	96	99	0	97	99
B	»GLYPHOSATE 4.5	1.125	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)				1.6	0.0	0.0	2.3	0.0
	STANDARD DEVIATION				0.8	0.0	0.0	1.1	0.0

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/06/2019(1)
11 = --- / EPOST 07/12/2019(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 %	06/13/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Base Residual Treatments in Xtend Soybeans. Lost 40

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
002	GLXMA	CON %	06/21/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/23/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/23/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	07/23/2019	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	08/06/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	08/06/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	08/06/2019	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	08/29/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	08/29/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	08/29/2019	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = GH3546X RR2XTEND