

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 3.4
 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	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	06/14/18	AME
TIME - BEGIN	14:40	24H
TIME - END	14:50	24H
AIR TEMPERATURE	81	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	5.0	M/H
CLOUD COVER	OVERCAST-	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	84/4.00	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	N/A	
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	---/16	
GH3546X RR2XTEND	13.0/13.0	IN
(PLANTED) 05/15/2018	30 DAP	
PEST *		
P, Waterhemp, commo	---/19 0.50/4.00	IN
P, Tall morning glo	---/15 1.00/4.00	IN
P, Giant foxtail	---/15 2.00/10.0	IN

*** TIMING CODES**

11 = --- / EPOST

*** STAGE CODE**

15 = 5 LEAVES UNFOLDED

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

16 = TRIFOLIOLATE LEAF ON THE 6TH NODE UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: FMC Cadet combinations with Xtendimax in RR2Xtend Soybean. C-500
CREATED: 04/23/2018 **REVISED:** 08/22/2018 **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	GLXMA	SETFA	AMATA	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/21/18	06/29/18	06/29/18	06/29/18	06/29/18	07/12/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»XTENDIMAX 2.9	0.50	LAA	11	0	0	99	99	99	0
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»ONTARGET	0.50	PMV	11						
3A	»CADET 0.91EC	0.0036	LAA	11	0	0	27	99	99	0
	B»XTENDIMAX 2.9	0.50	LAA	11						
	C»ONTARGET	0.50	PMV	11						
4A	»CADET 0.91EC	0.0036	LAA	11	6	0	99	99	99	0
	B»XTENDIMAX 2.9	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»ONTARGET	0.50	PMV	11						
5A	»CADET 0.91EC	0.0057	LAA	11	9	0	99	99	99	0
	B»XTENDIMAX 2.9	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»ONTARGET	0.50	PMV	11						
6A	»CADET 0.91EC	0.0036	LAA	11	6	0	99	99	90	0
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			1.7	0.0	15.4	0.0	1.9	0.0
		STANDARD DEVIATION			0.8	0.0	6.9	0.0	0.8	0.0

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REPS: 03

TRT	TREATMENT	DOSAGE			SETFA	AMATA	PHBPU	GLXMA	SETFA	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					07/12/18	07/12/18	07/12/18	08/10/18	08/10/18	08/10/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A»	XTENDIMAX 2.9	0.50	LAA	11	99	99	98	0	99	99
B»	RNDUP POWERMAX	1.125	LAA	11						
C»	ONTARGET	0.50	PMV	11						
3A»	CADET 0.91EC	0.0036	LAA	11	33	99	99	0	43	99
B»	XTENDIMAX 2.9	0.50	LAA	11						
C»	ONTARGET	0.50	PMV	11						
4A»	CADET 0.91EC	0.0036	LAA	11	99	99	99	0	99	99
B»	XTENDIMAX 2.9	0.50	LAA	11						
C»	RNDUP POWERMAX	1.125	LAA	11						
D»	ONTARGET	0.50	PMV	11						
5A»	CADET 0.91EC	0.0057	LAA	11	99	99	99	0	98	99
B»	XTENDIMAX 2.9	0.50	LAA	11						
C»	RNDUP POWERMAX	1.125	LAA	11						
D»	ONTARGET	0.50	PMV	11						
6A»	CADET 0.91EC	0.0036	LAA	11	98	99	95	0	97	99
B»	RNDUP POWERMAX	1.125	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					15.4	0.0	3.2	0.0	11.1	0.0
STANDARD DEVIATION					6.9	0.0	1.4	0.0	5.0	0.0

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REPS: 03

TRT	TREATMENT	DOSAGE	PHBPU	CON %
NUM	COMPONENT	RATE	UNIT TM	08/10/18
1A	CHECK	0.00	NA 0	0
2A»	XTENDIMAX 2.9	0.50	LAA 11	98
B»	RNDUP POWERMAX	1.125	LAA 11	
C»	ONTARGET	0.50	PMV 11	
3A»	CADET 0.91EC	0.0036	LAA 11	99
B»	XTENDIMAX 2.9	0.50	LAA 11	
C»	ONTARGET	0.50	PMV 11	
4A»	CADET 0.91EC	0.0036	LAA 11	99
B»	XTENDIMAX 2.9	0.50	LAA 11	
C»	RNDUP POWERMAX	1.125	LAA 11	
D»	ONTARGET	0.50	PMV 11	
5A»	CADET 0.91EC	0.0057	LAA 11	99
B»	XTENDIMAX 2.9	0.50	LAA 11	
C»	RNDUP POWERMAX	1.125	LAA 11	
D»	ONTARGET	0.50	PMV 11	
6A»	CADET 0.91EC	0.0036	LAA 11	92
B»	RNDUP POWERMAX	1.125	LAA 11	
C»	LIQUID AMS	2.50	PMV 11	
	STANDARD DEVIATION	LSD (0.05)	4.7	2.1

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 11 = --- / EPOST 06/14/2018(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/21/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/29/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/29/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/29/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/29/2018	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/12/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/12/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/12/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	07/12/2018	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	CON %	08/10/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	08/10/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	08/10/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	08/10/2018	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH3546X RR2XTEND