

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIIX	LIQMIIX	
APPLICATION DATE	05/20/14	06/09/14	AME
AIR TEMPERATURE	81	82	F
% REL.HUMIDITY	44	47	
WIND DIRECTION	SOUTH	EAST	
WIND SPEED	8.0	3.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
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, POPCORN		---/14	
WEAVER #2		8.00/8.00	IN
(PLANTED) 05/20/2014		20 DAP	
PEST *			
P, WATERHEMP, COMMO		---/16	
		1.00/3.00	IN
P, MORNINGGLORY, TA		---/12	
		1.00/2.00	IN
P, FOXTAIL, GIANT		---/13	
		1.00/3.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Postemergence Weed Control and Crop Response in Sweet Corn with DPX-UKU48. AS-300
CREATED: 04/15/2014 **REVISED:** 08/01/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	ZEAME	SETFA	AMATA	PHBPU	ZEAME	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/16/14	06/16/14	06/16/14	06/23/14
1A	ACCENT 75WG	0.031	LAA	11	1	99	96	86
	B»MESOTRIONE 50W	0.078	LAA	11				2
	C»ISOXADIFEN-ETH	0.0078	LAA	11				96
	D»COC	1.00	PMV	11				
2A	ACCENT 75WG	0.031	LAA	11	5	99	99	88
	B»MESOTRIONE 50W	0.078	LAA	11				2
	C»ISOXADIFEN-ETH	0.0078	LAA	11				96
	D»COC	1.00	PMV	11				
	E»LIQUID AMS	2.50	PMV	11				
3A	ACCENT 75WG	0.031	LAA	11	0	99	99	86
	B»MESOTRIONE 50W	0.078	LAA	11				0
	C»ISOXADIFEN-ETH	0.0078	LAA	11				96
	D»ACTIVATOR 90	0.25	PMV	11				
	E»LIQUID AMS	2.50	PMV	11				
4A	ACCENT 75WG	0.031	LAA	11	2	99	99	99
	B»MESOTRIONE 50W	0.078	LAA	11				2
	C»ISOXADIFEN-ETH	0.0078	LAA	11				99
	D ATRAZINE DF	0.50	LAA	11				
	E»COC	1.00	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
5A»	BKFREE NXT 7L	1.20	LAA	9	2	99	99	96
	B ACCENT 75WG	0.031	LAA	11				0
	C»MESOTRIONE 50W	0.078	LAA	11				99
	D»ISOXADIFEN-ETH	0.0078	LAA	11				
	E»COC	1.00	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
6A»	BKFREE NXT 7L	1.20	LAA	9	5	99	99	99
	B ACCENT 75WG	0.031	LAA	11				3
	C»MESOTRIONE 50W	0.078	LAA	11				99
	D»ISOXADIFEN-ETH	0.0078	LAA	11				
	E ATRAZINE DF	0.50	LAA	11				
	F»COC	1.00	PMV	11				
	G»LIQUID AMS	2.50	PMV	11				
7A	ACCENT 75WG	0.036	LAA	11	0	99	99	88
	B»MESOTRIONE 50W	0.092	LAA	11				0
	C»ISOXADIFEN-ETH	0.0093	LAA	11				95
	D»COC	1.00	PMV	11				
8A	ACCENT 75WG	0.036	LAA	11	2	99	99	91
	B»MESOTRIONE 50W	0.092	LAA	11				1
	C»ISOXADIFEN-ETH	0.0093	LAA	11				99
	D»COC	1.00	PMV	11				
	E»LIQUID AMS	2.50	PMV	11				
9A	ACCENT 75WG	0.036	LAA	11	2	99	98	89
	B»MESOTRIONE 50W	0.092	LAA	11				0
	C»ISOXADIFEN-ETH	0.0093	LAA	11				96
	D»ACTIVATOR 90	0.25	PMV	11				
	E»LIQUID AMS	2.50	PMV	11				
10A	ACCENT 75WG	0.036	LAA	11	2	98	99	99
	B»MESOTRIONE 50W	0.092	LAA	11				0
	C»ISOXADIFEN-ETH	0.0093	LAA	11				99
	D ATRAZINE DF	0.50	LAA	11				
	E»COC	1.00	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
11A»	LAUDIS 3.5SC	0.082	LAA	11	0	99	99	99
	B ATRAZINE DF	0.50	LAA	11				0
	C»MSO	1.00	PMV	11				99
	D»LIQUID AMS	2.50	PMV	11				

TITLE: Postemergence Weed Control and Crop Response in Sweet Corn with DPX-UKU48. AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAME	SETFA	AMATA	PHBPU	ZEAME	SETFA
		RATE	UNIT	TM	CON % 06/16/14	CON % 06/16/14	CON % 06/16/14	CON % 06/16/14	CON % 06/23/14	CON % 06/23/14
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			3.10	1.13	1.56	4.27	2.51	5.70
		STANDARD DEVIATION			1.50	0.544	0.752	2.06	1.21	2.75

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		AMATA	PHBPU	ZEAME	SETFA	AMATA	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/23/14	06/23/14	07/07/14	07/07/14	07/07/14	07/07/14
1A	ACCENT 75WG	0.031	LAA 11	93	80	0	99	96	90
	B»MESOTRIONE 50W	0.078	LAA 11						
	C»ISOXADIFEN-ETH	0.0078	LAA 11						
	D»COC	1.00	PMV 11						
2A	ACCENT 75WG	0.031	LAA 11	99	96	0	96	99	98
	B»MESOTRIONE 50W	0.078	LAA 11						
	C»ISOXADIFEN-ETH	0.0078	LAA 11						
	D»COC	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
3A	ACCENT 75WG	0.031	LAA 11	99	85	0	98	99	94
	B»MESOTRIONE 50W	0.078	LAA 11						
	C»ISOXADIFEN-ETH	0.0078	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
4A	ACCENT 75WG	0.031	LAA 11	99	91	0	99	99	98
	B»MESOTRIONE 50W	0.078	LAA 11						
	C»ISOXADIFEN-ETH	0.0078	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»COC	1.00	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
5A»	BKFREE NXT 7L	1.20	LAA 9	99	93	0	98	99	93
	B ACCENT 75WG	0.031	LAA 11						
	C»MESOTRIONE 50W	0.078	LAA 11						
	D»ISOXADIFEN-ETH	0.0078	LAA 11						
	E»COC	1.00	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
6A»	BKFREE NXT 7L	1.20	LAA 9	99	99	0	99	99	94
	B ACCENT 75WG	0.031	LAA 11						
	C»MESOTRIONE 50W	0.078	LAA 11						
	D»ISOXADIFEN-ETH	0.0078	LAA 11						
	E ATRAZINE DF	0.50	LAA 11						
	F»COC	1.00	PMV 11						
	G»LIQUID AMS	2.50	PMV 11						
7A	ACCENT 75WG	0.036	LAA 11	99	85	0	96	99	90
	B»MESOTRIONE 50W	0.092	LAA 11						
	C»ISOXADIFEN-ETH	0.0093	LAA 11						
	D»COC	1.00	PMV 11						
8A	ACCENT 75WG	0.036	LAA 11	99	92	0	99	99	92
	B»MESOTRIONE 50W	0.092	LAA 11						
	C»ISOXADIFEN-ETH	0.0093	LAA 11						
	D»COC	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
9A	ACCENT 75WG	0.036	LAA 11	96	91	0	99	99	96
	B»MESOTRIONE 50W	0.092	LAA 11						
	C»ISOXADIFEN-ETH	0.0093	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
10A	ACCENT 75WG	0.036	LAA 11	99	99	0	99	99	99
	B»MESOTRIONE 50W	0.092	LAA 11						
	C»ISOXADIFEN-ETH	0.0093	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»COC	1.00	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
11A»	LAUDIS 3.5SC	0.082	LAA 11	99	93	0	99	99	98
	B ATRAZINE DF	0.50	LAA 11						
	C»MSO	1.00	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						

TITLE: Postemergence Weed Control and Crop Response in Sweet Corn with DPX-UKU48. AS-300

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/23/14	PHBPU CON % 06/23/14	ZEAME CON % 07/07/14	SETFA CON % 07/07/14	AMATA CON % 07/07/14	PHBPU CON % 07/07/14
12A CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)			6.00	9.17	0.00	3.21	2.57	4.68
	STANDARD DEVIATION			2.91	4.42	0.00	1.55	1.24	2.26

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/20/2014(1)

11 = ----- / EPOST 06/09/2014(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAME	CON %	06/16/2014	01	P	ZEAME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/16/2014	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	06/16/2014	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAME	CON %	06/23/2014	01	P	ZEAME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/23/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	06/23/2014	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	06/23/2014	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAME	CON %	07/07/2014	01	P	ZEAME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/07/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/07/2014	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/07/2014	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = WEAVER #2