

## SOIL INFORMATION

## TRIAL 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

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/20/14	06/09/14	AME
AIR TEMPERATURE	81	83	F
% REL.HUMIDITY	44	42	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	8.0	4.0	M/H
CLOUD COVER	CLEAR	CLOUDY	
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 WEAVER #2 (PLANTED) 05/20/2014		---/14 10.0/12.0 20 DAP	IN
PEST *			
P, WATERHEMP, COMMO		---/18 1.00/5.00	IN
P, MORNINGGLORY, TA		---/13 1.00/3.00	IN
P, FOXTAIL, GIANT		---/13 1.00/4.00	IN

## \* TIMING CODES

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

## \* STAGE CODE

13 = 3 LEAVES UNFOLDED  
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Postemergence Weed Control and Crop Response in Seed and Pop 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 NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAME	SETFA	AMATA	PHBPU	ZEAME	SETFA
		RATE	UNIT		CON % 06/16/14	CON % 06/16/14	CON % 06/16/14	CON % 06/16/14	CON % 06/23/14	CON % 06/23/14
1A	ACCENT 75WG	0.031	LAA	11	0	99	99	92	0	99
	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						
2A	ACCENT 75WG	0.031	LAA	11	2	99	99	99	0	99
	B»MESOTRIONE 50W	0.078	LAA	11						
	C»ISOXADIFEN-ETH	0.0078	LAA	11						
	D ATRAZINE DF	1.00	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
3A	CINCH ATZ	2.75	LAA	9	0	99	99	99	1	99
	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						
4A	CINCH ATZ	2.75	LAA	9	3	99	99	99	1	99
	B ACCENT 75WG	0.036	LAA	11						
	C»MESOTRIONE 50W	0.092	LAA	11						
	D»ISOXADIFEN-ETH	0.0093	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
5A	CINCH ATZ	2.75	LAA	9	0	99	99	99	0	99
	B ACCENT 75WG	0.031	LAA	11						
	C»MESOTRIONE 50W	0.078	LAA	11						
	D»ISOXADIFEN-ETH	0.0078	LAA	11						
	E ATRAZINE DF	1.00	LAA	11						
	F»COC	1.00	PMV	11						
	G»LIQUID AMS	2.50	PMV	11						
6A	CINCH ATZ	2.06	LAA	9	6	99	99	99	2	99
	B ACCENT 75WG	0.031	LAA	11						
	C»MESOTRIONE 50W	0.078	LAA	11						
	D»ISOXADIFEN-ETH	0.0078	LAA	11						
	E CINCH ATZ	1.38	LAA	11						
	F»COC	1.00	PMV	11						
	G»LIQUID AMS	2.50	PMV	11						
7A	CINCH ATZ	2.75	LAA	9	0	99	99	99	0	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				1.85	0.00	0.00	1.79	2.00	0.00
	STANDARD DEVIATION				0.861	0.00	0.00	0.833	0.924	0.00

TITLE: Postemergence Weed Control and Crop Response in Seed and Pop 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 NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	PHBPU	ZEAME	SETFA	AMATA	PHBPU
		RATE	UNIT		CON % 06/23/14	CON % 06/23/14	CON % 07/07/14	CON % 07/07/14	CON % 07/07/14	CON % 07/07/14
1A	ACCENT 75WG	0.031	LAA	11	99	86	0	99	99	92
	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						
2A	ACCENT 75WG	0.031	LAA	11	99	99	0	99	99	97
	B>MESOTRIONE 50W	0.078	LAA	11						
	C>ISOXADIFEN-ETH	0.0078	LAA	11						
	D ATRAZINE DF	1.00	LAA	11						
	E>COC	1.00	PMV	11						
	F>LIQUID AMS	2.50	PMV	11						
3A	CINCH ATZ	2.75	LAA	9	99	99	0	99	99	99
	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						
4A	CINCH ATZ	2.75	LAA	9	99	96	0	99	99	98
	B ACCENT 75WG	0.036	LAA	11						
	C>MESOTRIONE 50W	0.092	LAA	11						
	D>ISOXADIFEN-ETH	0.0093	LAA	11						
	E>COC	1.00	PMV	11						
	F>LIQUID AMS	2.50	PMV	11						
5A	CINCH ATZ	2.75	LAA	9	99	99	0	99	99	97
	B ACCENT 75WG	0.031	LAA	11						
	C>MESOTRIONE 50W	0.078	LAA	11						
	D>ISOXADIFEN-ETH	0.0078	LAA	11						
	E ATRAZINE DF	1.00	LAA	11						
	F>COC	1.00	PMV	11						
	G>LIQUID AMS	2.50	PMV	11						
6A	CINCH ATZ	2.06	LAA	9	99	96	0	99	99	98
	B ACCENT 75WG	0.031	LAA	11						
	C>MESOTRIONE 50W	0.078	LAA	11						
	D>ISOXADIFEN-ETH	0.0078	LAA	11						
	E CINCH ATZ	1.38	LAA	11						
	F>COC	1.00	PMV	11						
	G>LIQUID AMS	2.50	PMV	11						
7A	CINCH ATZ	2.75	LAA	9	99	99	0	99	99	99
	B>LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>COC	1.00	PMV	11						
	E>LIQUID AMS	2.50	PMV	11						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			0.00	7.59	0.00	0.00	0.00	3.25
		STANDARD DEVIATION			0.00	3.54	0.00	0.00	0.00	1.51

>> = 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

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

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
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