

## 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	UNIT
TIMINGS	11	
TYPE	LIQMIX	
APPLICATION DATE	06/10/13	AME
AIR TEMPERATURE	72	F
% REL.HUMIDITY	47	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	5.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	15.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	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	
CROP *		
P, CORN, DENT	---/14	
NK-74R RR/LL	8.00/10.0	IN
(PLANTED) 05/17/2013	24 DAP	

## \* TIMING CODES

11 = ----- / EPOST

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED

**TITLE:** Helm Residual Comparison and Crop Selectivity in RR/LL Corn. AS-300  
**CREATED:** 04/17/2013 **REVISED:** 11/04/2013 **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			ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	YIELD BU/A
		RATE	UNIT	TM	CON % 06/17/13	CON % 06/24/13	CON % 07/01/13	CON % 07/08/13	CON % 07/23/13	
1A	CHECK	0.00	NA	0	0	0	0	0	0	197.1
2A	»HELOS. PLUS AD	0.80	LAA	11	0	0	0	0	0	217.7
	B»LIQUID AMS	2.50	PMV	11						
3A	»HELOS. PLUS AD	0.80	LAA	11	0	0	0	0	0	215.6
	B»WARRANT 3L	0.80	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
4A	»HELOS. PLUS AD	0.80	LAA	11	0	0	0	0	0	208.5
	B»WARRANT 3L	1.60	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
5A	»HELOS. PLUS AD	0.80	LAA	11	0	0	0	0	0	202.0
	B»HELM ACETOCHL.	0.80	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
6A	»HELOS. PLUS AD	0.80	LAA	11	0	0	0	0	0	208.4
	B»HELM ACETOCHL.	1.60	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
7A	»HELOS. PLUS AD	0.80	LAA	11	2	0	0	0	0	202.5
	B DUAL II MAGNUM	1.46	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
8A	»HELOS. PLUS AD	0.80	LAA	11	6	0	0	0	0	202.3
	B DUAL II MAGNUM	2.91	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.822	0.00	0.00	0.00	0.00	16.00
		STANDARD DEVIATION			0.383	0.00	0.00	0.00	0.00	7.47

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 11 = ----- / EPOST 06/10/2013(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/17/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/24/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	07/01/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/08/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/23/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	YIELD	BU/A	10/16/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = NK-74R RR/LL