

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/06/14	AME
AIR TEMPERATURE	73	F
% REL.HUMIDITY	66	
WIND DIRECTION	SOUTH	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
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	---	
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 70J-3011A	12.0/12.0	IN
(PLANTED) 05/20/2014	17 DAP	

* TIMING CODES

12 = ----- / POST

* STAGE CODE

14 = 4 LEAVES UNFOLDED

TITLE: Corn Response to HPPD-Inhibiting Herbicide and Fungicide Combinations. AS-300
CREATED: 06/03/2014 **REVISED:** 11/05/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/09/14	ZEAMD CON % 06/13/14	ZEAMD CON % 06/20/14	ZEAMD CON % 07/03/14	YIELD BU/A 10/23/14
1A	ARMEZON 2.8SC	0.0168	LAA	12	0	0	0	0	228.8
2A	ARMEZON 2.8SC	0.0168	LAA	12	0	0	0	0	234.5
	B ATRAZINE DF	0.50	LAA	12					
3A	ARMEZON 2.8SC	0.0168	LAA	12	0	0	0	0	222.7
	B>STRATEGO YLD 4	0.065	LAA	12					
4A	ARMEZON 2.8SC	0.0168	LAA	12	0	0	0	0	232.6
	B>MSO	1.00	PMV	12					
5A	ARMEZON 2.8SC	0.0168	LAA	12	0	0	0	0	226.6
	B ATRAZINE DF	0.50	LAA	12					
	C>STRATEGO YLD 4	0.065	LAA	12					
6A	ARMEZON 2.8SC	0.0168	LAA	12	0	0	0	0	233.0
	B ATRAZINE DF	0.50	LAA	12					
	C>MSO	1.00	PMV	12					
7A	ARMEZON 2.8SC	0.0168	LAA	12	10	7	7	1	227.2
	B ATRAZINE DF	0.50	LAA	12					
	C>STRATEGO YLD 4	0.065	LAA	12					
	D>MSO	1.00	PMV	12					
8A	ATRAZINE DF	0.50	LAA	12	0	0	0	0	224.0
9A	ATRAZINE DF	0.50	LAA	12	0	0	0	0	236.9
	B>STRATEGO YLD 4	0.065	LAA	12					
10A	ATRAZINE DF	0.50	LAA	12	0	0	0	0	237.5
	B>MSO	1.00	PMV	12					
11A	ATRAZINE DF	0.50	LAA	12	6	2	2	1	234.8
	B>STRATEGO YLD 4	0.065	LAA	12					
	C>MSO	1.00	PMV	12					
12A	STRATEGO YLD 4	0.065	LAA	12	0	0	0	0	230.2
13A	STRATEGO YLD 4	0.065	LAA	12	0	0	0	0	227.3
	B>MSO	1.00	PMV	12					
14A	MSO	1.00	PMV	12	0	0	0	0	226.1
15A	CHECK	0.00	NA	0	0	0	0	0	230.3
16A	VALOR 51WG	0.00096	LAA	12	36	28	28	15	224.8
	B>ARMEZON 2.8SC	0.0168	LAA	12					
	C ATRAZINE DF	0.50	LAA	12					
	D>STRATEGO YLD 4	0.065	LAA	12					
	E>MSO	1.00	PMV	12					
		LSD (0.05)			2.05	1.28	1.71	0.692	16.00
		STANDARD DEVIATION			1.00	0.627	0.836	0.339	7.84

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 12 = ----- / POST 06/06/2014(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/09/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/13/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
003	ZEAMD	CON %	06/20/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/03/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	10/23/2014	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = NK 70J-3011A