

## 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: 4

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/09/14	AME
AIR TEMPERATURE	83	F
% REL.HUMIDITY	48	
WIND DIRECTION	EAST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLOUDY	
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	40.00	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	15.0/15.0	IN
(PLANTED) 05/20/2014	20 DAP	

## \* TIMING CODES

12 = ----- / POST

## \* STAGE CODE

14 = 4 LEAVES UNFOLDED

**TITLE:** Evaluation of Ryzup Smartgrass Mixtures in RR/LL Corn. AS-300  
**CREATED:** 04/15/2014 **REVISED:** 11/05/2014 **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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ZEAMD	ZEAMD	ZEAMD	ZEAMD	YIELD BU/A
		RATE	UNIT	TM	CON % 06/12/14	CON % 06/16/14	CON % 06/23/14	CON % 07/03/14	CON % 07/10/14	
1A	CHECK	0.00	NA	0	0	0	0	0	0	218.6
2A	RYZUP 40WG	0.0125	LAA	12	0	0	0	0	0	198.8
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	3.75	PMV	12						
3A	RNDUP POWERMAX	1.125	LAA	12	0	0	0	0	0	213.2
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	RNDUP POWERMAX	1.125	LAA	12	0	0	0	0	0	201.5
	B»RYZUP 40WG	0.0125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	HALEX GT 4.38L	1.97	LAA	12	0	1	0	0	0	210.5
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
6A	HALEX GT 4.38L	1.97	LAA	12	0	1	0	0	0	213.6
	B»RYZUP 40WG	0.0125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
7A	WARRANT 3L	2.06	LAA	12	3	3	3	0	0	220.4
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
8A	WARRANT 3L	2.06	LAA	12	5	3	3	0	0	197.1
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»RYZUP 40WG	0.0125	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
9A	STATUS 56DG	0.35	LAA	12	11	8	5	0	0	201.2
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
10A	STATUS 56DG	0.35	LAA	12	35	26	23	0	0	195.8
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»RYZUP 40WG	0.0125	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
11A	LAUDIS 3.5SC	0.082	LAA	12	0	0	0	0	0	209.6
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	LAUDIS 3.5SC	0.082	LAA	12	6	4	4	0	0	214.1
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»RYZUP 40WG	0.0125	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
13A	IMPACT 2.8SC	0.016	LAA	12	0	0	0	0	0	205.6
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	IMPACT 2.8SC	0.016	LAA	12	0	0	0	0	0	212.1
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»RYZUP 40WG	0.0125	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						

**TITLE:** Evaluation of Ryzup Smartgrass Mixtures in RR/LL Corn. AS-300

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON %	ZEAMD CON %	ZEAMD CON %	ZEAMD CON %	ZEAMD CON %	YIELD BU/A
		RATE	UNIT	06/12/14	06/16/14	06/23/14	07/03/14	07/10/14	10/23/14
15A»	PRIAXOR 4.17L	0.13	LAA 12	0	1	0	0	0	208.7
	B»RNDUP POWERMAX	1.125	LAA 12						
	C»ACTIVATOR 90	0.25	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
16A»	PRIAXOR 4.17L	0.13	LAA 12	0	0	0	0	0	212.0
	B»RNDUP POWERMAX	1.125	LAA 12						
	C»RYZUP 40WG	0.0125	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
	STANDARD DEVIATION	LSD (0.05)		2.86	3.46	2.41	0.00	0.00	21.32
				1.43	1.73	1.20	0.00	0.00	10.66

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/09/2014(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	06/12/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/16/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/23/2014	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	ZEAMD	CON %	07/10/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	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