

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 3.4
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/31/17	06/27/17	AME
TIME - BEGIN	07:30	08:55	24H
TIME - END	08:00	09:10	24H
AIR TEMPERATURE	65	69	F
% REL.HUMIDITY	70	47	
WIND DIRECTION	NORTH	NORTHEAST	
WIND SPEED	4.0	3.0	M/H
CLOUD COVER	CLEAR-0%	CLEAR-0%	
DEW	TO BE SEL	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	63/4.00	68/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	TO BE SEL	TO BE SEL	
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, SOYBEAN		---/15	
S35-K9X		7.00/7.00	IN
(PLANTED) 05/30/2017		28 DAP	
PEST *			
P, CORN, DENT		---/17	
G10T63-3122 E-Z		5.00/13.0	IN

* TIMING CODES

09 = --- / PREEMERGENCE
12 = --- / POST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
17 = 7 LEAVES UNFOLDED

TRIAL # US 250/17/01 003 01 : USYNVOL* AS-300
DATA MEAN

TITLE: Control of Volunteer RR/LL Corn with Fusilade in an Xtend Soybean System. AS-300
CREATED: 05/10/2017 **REVISED:** 02/13/2018 **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		TM	GLXMA	ZEAMD	GLXMA	ZEAMD	GLXMA	ZEAMD
		RATE	UNIT		CON % 07/12/17	CON % 07/12/17	CON % 07/20/17	CON % 07/20/17	CON % 07/27/17	CON % 07/27/17
1A	BOUNDARY 6.5EC	1.625	LAA	9	0	0	0	0	0	0
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»XTENDIMAX 2.9	0.50	LAA	12						
	D»CLASS ACT RIDI	1.00	PMV	12						
	E»AG 16098	0.50	PMV	12						
2A	BOUNDARY 6.5EC	1.625	LAA	9	0	93	0	94	0	93
	B FUSILADE DX (2	0.063	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»CLASS ACT RIDI	1.00	PMV	12						
3A	BOUNDARY 6.5EC	1.625	LAA	9	0	47	0	50	0	47
	B SELECT (2EC)	0.063	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»CLASS ACT RIDI	1.00	PMV	12						
4A	CHECK	0.00	NA	0	0	0	0	0	0	0
5A	BOUNDARY 6.5EC	1.625	LAA	9	0	92	0	98	0	98
	B FUSILADE DX (2	0.063	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»XTENDIMAX 2.9	0.50	LAA	12						
	E»CLASS ACT RIDI	1.00	PMV	12						
	F»AG 16098	0.50	PMV	12						
6A	BOUNDARY 6.5EC	1.625	LAA	9	0	17	0	27	0	30
	B SELECT (2EC)	0.063	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»XTENDIMAX 2.9	0.50	LAA	12						
	E»CLASS ACT RIDI	1.00	PMV	12						
	F»AG 16098	0.50	PMV	12						
7A	BOUNDARY 6.5EC	1.625	LAA	9	0	95	0	99	0	99
	B FUSILADE DX (2	0.094	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»XTENDIMAX 2.9	0.50	LAA	12						
	E»CLASS ACT RIDI	1.00	PMV	12						
	F»AG 16098	0.50	PMV	12						
8A	BOUNDARY 6.5EC	1.625	LAA	9	0	50	0	50	0	47
	B SELECT (2EC)	0.094	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»XTENDIMAX 2.9	0.50	LAA	12						
	E»CLASS ACT RIDI	1.00	PMV	12						
	F»AG 16098	0.50	PMV	12						
LSD (0.05)					0.0	16.5	0.0	18.8	0.0	20.7
STANDARD DEVIATION					0.0	7.7	0.0	8.8	0.0	9.7

» = SUPPLEMENTAL CHEMICAL

*** TIMING CODES**

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/31/2017(1)
 12 = --- / POST 06/27/2017(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	07/12/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	07/12/2017	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/20/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/20/2017	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/27/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/27/2017	02	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = S35-K9X
02 = G10T63-3122 E-Z