

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 5.8
%OM: 2.7
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	09	
TYPE	LIQUID MI	
APPLICATION DATE	04/25/17	AME
TIME - BEGIN	11:20	24H
TIME - END	11:35	24H
AIR TEMPERATURE	75	F
% REL.HUMIDITY	46	
WIND DIRECTION	SOUTH	
WIND SPEED	10.0	M/H
CLOUD COVER	PAR.CLOUD	
DEW	TO BE SEL	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	62/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
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	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	
CROP *		
P, CORN, DENT	---/01	
G10T63-3122 E-Z	/	IN
(PLANTED) 04/24/2017	1 DAP	

* TIMING CODES
09 = --- / PREEMERGENCE

* STAGE CODE
01 = BEGINNING OF IMBIBITION

TRIAL # US 108/17/01 002 02 : UCUIKFD* M-10S
DATA MEAN

TITLE: KFD 274-01 With Atrazine or Metribuzin vs Acuron and Lexar. M-10S
CREATED: 04/18/2017 **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			ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU	
		RATE	UNIT	TM	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	
1A	»LEXAR EZ 3.7SC	2.78	LAA	9	0	99	99	99	98	96	
2A	»KFD 274-01 3.6	2.20	LAA	9	0	99	99	99	99	93	
	B»KFD 232-01 75D	0.25	LAA	9							
3A	»KFD 274-01 3.6	2.20	LAA	9	0	99	99	99	98	94	
	B»KFD 232-01 75D	0.375	LAA	9							
4A	»KFD 274-01 3.6	2.20	LAA	9	0	99	99	99	97	92	
	B»KFD 129-02 4L	1.31	LAA	9							
5A	CHECK	0.00	NA	0	0	0	0	0	0	0	
6A	»ACURON 3.44 ZC	2.15	LAA	9	0	99	99	99	99	96	
					LSD (0.05)	0.0	0.4	0.0	0.0	2.7	4.6
					STANDARD DEVIATION	0.0	0.2	0.0	0.0	1.2	2.1

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	ZEAMD	SETFA	AMATA	CHEAL	ABUTH
		RATE	UNIT	TM	CON % 05/21/17	CON % 06/09/17	CON % 06/09/17	CON % 06/09/17	CON % 06/09/17	CON % 06/09/17
1A»	LEXAR EZ 3.7SC	2.78	LAA	9	99	0	99	99	99	99
2A»	KFD 274-01 3.6	2.20	LAA	9	99	0	99	99	99	99
	B»KFD 232-01 75D	0.25	LAA	9						
3A»	KFD 274-01 3.6	2.20	LAA	9	99	0	99	99	99	99
	B»KFD 232-01 75D	0.375	LAA	9						
4A»	KFD 274-01 3.6	2.20	LAA	9	99	0	99	99	99	99
	B»KFD 129-02 4L	1.31	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	ACURON 3.44 ZC	2.15	LAA	9	99	0	99	99	99	99
		LSD (0.05)			0.4	0.0	0.4	0.0	0.0	0.0
		STANDARD DEVIATION			0.2	0.0	0.2	0.0	0.0	0.0

TRIAL # US 108/17/01 002 02 : UCUIPKFD* M-10S
 DATA MEAN

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REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	XANST	ZEAMD	SETFA	AMATA	CHEAL
		RATE	UNIT	TM	CON % 06/09/17	CON % 06/09/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17
1A	»LEXAR EZ 3.7SC	2.78	LAA	9	98	99	0	97	99	99
2A	»KFD 274-01 3.6	2.20	LAA	9	94	98	0	99	99	99
	B»KFD 232-01 75D	0.25	LAA	9						
3A	»KFD 274-01 3.6	2.20	LAA	9	98	99	0	99	99	99
	B»KFD 232-01 75D	0.375	LAA	9						
4A	»KFD 274-01 3.6	2.20	LAA	9	98	99	0	98	99	99
	B»KFD 129-02 4L	1.31	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A	»ACURON 3.44 ZC	2.15	LAA	9	98	99	0	98	99	99
					LSD (0.05)					
					STANDARD DEVIATION					

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ABUTH CON % 06/29/17	PHBPU CON % 06/29/17	XANST CON % 06/29/17
1A»LEXAR EZ 3.7SC	2.78	LAA	9	99	98	99
2A»KFD 274-01 3.6	2.20	LAA	9	99	99	99
B»KFD 232-01 75D	0.25	LAA	9			
3A»KFD 274-01 3.6	2.20	LAA	9	99	95	99
B»KFD 232-01 75D	0.375	LAA	9			
4A»KFD 274-01 3.6	2.20	LAA	9	99	97	99
B»KFD 129-02 4L	1.31	LAA	9			
5A CHECK	0.00	NA	0	0	0	0
6A»ACURON 3.44 ZC	2.15	LAA	9	99	98	99
	LSD (0.05)			0.0	3.4	0.0
	STANDARD DEVIATION			0.0	1.5	0.0

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 04/25/2017(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 %	05/21/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/21/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/21/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/21/2017	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/21/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/21/2017	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/21/2017	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/09/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/09/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/09/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/09/2017	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/09/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/09/2017	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/09/2017	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/29/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/29/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	06/29/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	06/29/2017	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/29/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	06/29/2017	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	06/29/2017	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = G10T63-3122 E-Z