

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 5.8
%OM: 3.0
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/08/17	07/06/17	AME
TIME - BEGIN	09:20	08:00	24H
TIME - END	09:35	08:30	24H
AIR TEMPERATURE	74	74	F
% REL.HUMIDITY	34	78	
WIND DIRECTION	NORTH	NORTH	
WIND SPEED	2.0	2.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	
DEW	NO	NO	
SOIL MOISTURE	DRY/ DRY	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	73/4.00	78/4.00	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	18.0	18.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	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

* TIMING CODES

09 = --- / PREEMERGENCE
11 = --- / EPOST

**TRIAL # US 210/17/01 002 01 : USENLIST* AS-100
DATA MEAN**

TITLE: Weed Control Systems in Enlist Soybean. AS-100
CREATED: 05/11/2017 **REVISED:** 03/14/2018 **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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	AMATA	ABUTH	PHBPU	GLXMA
		RATE	UNIT	TM	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/19/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»SONIC 70DF	0.197	LAA	9	0	50	95	99	43	0
	B»DURANGO 4AE	1.00	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
3A	»SONIC 70DF	0.197	LAA	9	0	46	99	99	40	0
	B»ENLIST DUO 3.3	1.95	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
4A	»SONIC 70DF	0.197	LAA	9	0	45	98	99	50	0
	B»2,4-D CHOLINE	0.95	LAA	11						
	C»DURANGO 4AE	1.00	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
5A	»SONIC 70DF	0.197	LAA	9	0	46	94	98	55	0
	B»GLUFOSINATE 2.	0.66	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
6A	»SONIC 70DF	0.197	LAA	9	0	40	96	99	53	0
	B»2,4-D CHOLINE	0.95	LAA	11						
	C»GLUFOSINATE 2.	0.66	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A	»VALOR EZ 4SC	0.078	LAA	9	0	41	98	95	25	0
	B»METRIBUZIN 75D	0.125	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»GLUFOSINATE 2.	0.66	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
9A	»AUTHOR. ELITE	1.42	LAA	9	0	80	99	99	25	0
	B»METRIBUZIN 75D	0.28	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»GLUFOSINATE 2.	0.66	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.0	25.5	5.6	2.0	20.8	0.0
		STANDARD DEVIATION			0.0	12.4	2.7	1.0	10.1	0.0

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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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMATA	ABUTH	PHBPU	GLXMA	SETFA	
		RATE	UNIT	TM	CON % 07/19/17	CON % 07/19/17	CON % 07/19/17	CON % 07/19/17	CON % 08/02/17	CON % 08/02/17	
1A	CHECK	0.00	NA	0	0	0	0	0	0	0	
2A	»SONIC 70DF	0.197	LAA	9	99	97	99	88	0	95	
	B»DURANGO 4AE	1.00	LAA	11							
	C»LIQUID AMS	2.50	PMV	11							
3A	»SONIC 70DF	0.197	LAA	9	99	99	99	99	0	99	
	B»ENLIST DUO 3.3	1.95	LAA	11							
	C»LIQUID AMS	2.50	PMV	11							
4A	»SONIC 70DF	0.197	LAA	9	99	99	99	99	0	99	
	B»2,4-D CHOLINE	0.95	LAA	11							
	C»DURANGO 4AE	1.00	LAA	11							
	D»LIQUID AMS	2.50	PMV	11							
5A	»SONIC 70DF	0.197	LAA	9	99	99	99	98	0	96	
	B»GLUFOSINATE 2.	0.66	LAA	11							
	C»LIQUID AMS	2.50	PMV	11							
6A	»SONIC 70DF	0.197	LAA	9	99	99	99	99	0	90	
	B»2,4-D CHOLINE	0.95	LAA	11							
	C»GLUFOSINATE 2.	0.66	LAA	11							
	D»LIQUID AMS	2.50	PMV	11							
7A	CHECK	0.00	NA	0	0	0	0	0	0	0	
8A	»VALOR EZ 4SC	0.078	LAA	9	99	99	99	99	0	95	
	B»METRIBUZIN 75D	0.125	LAA	9							
	C»2,4-D CHOLINE	0.95	LAA	11							
	D»GLUFOSINATE 2.	0.66	LAA	11							
	E»LIQUID AMS	2.50	PMV	11							
9A	»AUTHOR. ELITE	1.42	LAA	9	99	99	99	99	0	98	
	B»METRIBUZIN 75D	0.28	LAA	9							
	C»2,4-D CHOLINE	0.95	LAA	11							
	D»GLUFOSINATE 2.	0.66	LAA	11							
	E»LIQUID AMS	2.50	PMV	11							
					LSD (0.05)	0.6	2.1	0.0	3.5	0.0	5.4
					STANDARD DEVIATION	0.3	1.0	0.0	1.7	0.0	2.6

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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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 08/02/17	CON % 08/02/17	CON % 08/02/17
1A	CHECK	0.00	NA	0	0	0	0
2A	»SONIC 70DF	0.197	LAA	9	97	99	88
	B»DURANGO 4AE	1.00	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
3A	»SONIC 70DF	0.197	LAA	9	99	99	98
	B»ENLIST DUO 3.3	1.95	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
4A	»SONIC 70DF	0.197	LAA	9	99	99	99
	B»2,4-D CHOLINE	0.95	LAA	11			
	C»DURANGO 4AE	1.00	LAA	11			
	D»LIQUID AMS	2.50	PMV	11			
5A	»SONIC 70DF	0.197	LAA	9	99	97	94
	B»GLUFOSINATE 2.	0.66	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
6A	»SONIC 70DF	0.197	LAA	9	99	94	98
	B»2,4-D CHOLINE	0.95	LAA	11			
	C»GLUFOSINATE 2.	0.66	LAA	11			
	D»LIQUID AMS	2.50	PMV	11			
7A	CHECK	0.00	NA	0	0	0	0
8A	»VALOR EZ 4SC	0.078	LAA	9	97	99	99
	B»METRIBUZIN 75D	0.125	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»GLUFOSINATE 2.	0.66	LAA	11			
	E»LIQUID AMS	2.50	PMV	11			
9A	»AUTHOR. ELITE	1.42	LAA	9	99	99	99
	B»METRIBUZIN 75D	0.28	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»GLUFOSINATE 2.	0.66	LAA	11			
	E»LIQUID AMS	2.50	PMV	11			
		LSD (0.05)			3.1	3.9	3.6
		STANDARD DEVIATION			1.5	1.9	1.7

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 06/08/2017(1)
 11 = --- / EPOST 07/06/2017(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	07/06/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/06/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/06/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	07/06/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	07/06/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/19/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/19/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/19/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/19/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/19/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	08/02/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	08/02/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	08/02/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	08/02/2017	04	P	ABUTH		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
015	PHBPU	CON %	08/02/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ENLIST E3 29E16L7