

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 3.5
 PREV.CROP: ZEAMD - Dent corn
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/16/18	06/14/18	AME
TIME - BEGIN	14:15	15:40	24H
TIME - END	14:34	15:55	24H
AIR TEMPERATURE	79	86	F
% REL.HUMIDITY	34	42	
WIND DIRECTION	EAST	SOUTHEAST	
WIND SPEED	3.0	5.0	M/H
CLOUD COVER	PAR.CLOUD	CLOUDY~6	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	75/4.00	81/4.00	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	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	18.0	18.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.430	0.430	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
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
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *			
P, Soybean		---/15	
29E16L7 ENLIST E		7.00/7.00	IN
(PLANTED) 05/16/2018		29 DAP	
PEST *			
P, Waterhemp, commo		---/19	
		1.00/8.00	IN
P, Tall morning glo		---/18	
		1.00/6.00	IN
P, Giant foxtail		---/15	
		1.00/10.0	IN

*** TIMING CODES**

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

*** STAGE CODE**

15 = TRIFOLIOLATE LEAF ON THE 5TH NODE UNFOLDED
15 = 5 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Enlist Soybean. AS-400
CREATED: 04/25/2018 **REVISED:** 12/12/2018 **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		PHBPU		GLXMA		SETFA	
		RATE	UNIT	TM	CON %	06/14/18	CON %	06/14/18	CON %	06/14/18	CON %	06/14/18	CON %	06/29/18	CON %	06/29/18
1A	CHECK	0.00	NA	0		0		0		0		0		0		0
2A	»SONIC 70DF	0.197	LAA	9		0		25		43		28		0		99
	B»DURANGO 4AE	1.00	LAA	11												
	C»LIQUID AMS	2.50	PMV	11												
3A	»SONIC 70DF	0.197	LAA	9		0		35		51		40		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		0		45		60		45		0		99
	B»ENLIST ONE 3.8	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		30		50		38		0		99
	B»GLUFOSINATE 2.	0.585	LAA	11												
	C»LIQUID AMS	2.50	PMV	11												
6A	»SONIC 70DF	0.197	LAA	9		0		28		40		28		0		99
	B»ENLIST ONE 3.8	0.95	LAA	11												
	C»GLUFOSINATE 2.	0.585	LAA	11												
	D»LIQUID AMS	2.50	PMV	11												
7A	»VALOR EZ 4SC	0.078	LAA	9		0		35		79		50		0		99
	B»METRIBUZIN 75D	0.28	LAA	9												
	C»ENLIST ONE 3.8	0.95	LAA	11												
	D»GLUFOSINATE 2.	0.585	LAA	11												
	E»LIQUID AMS	2.50	PMV	11												
8A	»AUTHOR. SUPREM	0.228	LAA	9		0		55		88		53		0		99
	B»METRIBUZIN 75D	0.28	LAA	9												
	C»ENLIST ONE 3.8	0.95	LAA	11												
	D»GLUFOSINATE 2.	0.585	LAA	11												
	E»LIQUID AMS	2.50	PMV	11												
LSD (0.05)						0.0		13.4		20.0		14.2		0.0		0.4
STANDARD DEVIATION						0.0		6.4		9.6		6.8		0.0		0.2

TITLE: Weed Control Systems in Enlist Soybean. AS-400
CREATED: 04/25/2018 **REVISED:** 12/12/2018 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/29/18	PHBPU CON % 06/29/18	GLXMA CON % 07/12/18	SETFA CON % 07/12/18	AMATA CON % 07/12/18	PHBPU CON % 07/12/18
1A CHECK	0.00	NA	0	0	0	0	0	0	0
2A»SONIC 70DF	0.197	LAA	9	90	89	0	94	86	90
B»DURANGO 4AE	1.00	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
3A»SONIC 70DF	0.197	LAA	9	99	99	0	94	98	99
B»ENLIST DUO 3.3	1.95	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
4A»SONIC 70DF	0.197	LAA	9	97	99	0	95	98	99
B»ENLIST ONE 3.8	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	92	99	0	98	95	99
B»GLUFOSINATE 2.	0.585	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
6A»SONIC 70DF	0.197	LAA	9	98	99	0	98	99	99
B»ENLIST ONE 3.8	0.95	LAA	11						
C»GLUFOSINATE 2.	0.585	LAA	11						
D»LIQUID AMS	2.50	PMV	11						
7A»VALOR EZ 4SC	0.078	LAA	9	99	99	0	98	99	99
B»METRIBUZIN 75D	0.28	LAA	9						
C»ENLIST ONE 3.8	0.95	LAA	11						
D»GLUFOSINATE 2.	0.585	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
8A»AUTHOR. SUPREM	0.228	LAA	9	99	99	0	98	99	99
B»METRIBUZIN 75D	0.28	LAA	9						
C»ENLIST ONE 3.8	0.95	LAA	11						
D»GLUFOSINATE 2.	0.585	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
LSD (0.05)				3.3	1.3	0.0	2.8	1.9	1.8
STANDARD DEVIATION				1.6	0.6	0.0	1.3	0.9	0.9

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/16/2018(1)
 11 = --- / EPOST 06/14/2018(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 %	06/14/2018	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/14/2018	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/14/2018	03	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	06/14/2018	04	P	PHBPU	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	06/29/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/29/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	06/29/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	06/29/2018	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	07/12/2018	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/12/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/12/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/12/2018	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = 29E16L7 ENLIST E3

* STAGE CODE

15 = TRIFOLIOLATE LEAF ON THE 5TH NODE UNFOLDED

* STAGE CODE

15 = 5 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED