

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: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/08/17	07/06/17	07/31/17	AME
TIME - BEGIN	09:45	08:00	09:30	24H
TIME - END	10:00	08:30	09:45	24H
AIR TEMPERATURE	74	74	79	F
% REL.HUMIDITY	36	78	62	
WIND DIRECTION	NORTHWEST	NORTH	EAST	
WIND SPEED	4.0	2.0	5.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	CLEAR-0%	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/ DRY	DRY/ DRY	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	74/4.00	78/4.00	76/4.00	F/IN
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE VOLUME	0.00	0.00	0.00	GPM
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	20.0	IN
SPEED	3.00	3.00	3.00	M/H
MIX SIZE	0.250	0.250	0.250	
MIX SIZE UNIT	GAL	GAL	GAL	
SPRAY VOLUME	15.00	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	TO BE SEL	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	DEN / STG MIN / MAX	
CROP *			---/19	
P, SOYBEAN			18.0/18.0	IN
29E16L7 ENLIST E			54 DAP	
(PLANTED) 06/07/2017				
PEST *				
P, MORNINGGLORY, TA		---/14 2.00/2.00	---/12 0.50/3.00	IN
P, FOXTAIL, GIANT		---/14 4.00/4.00	---/14 1.00/6.00	IN

* TIMING CODES

09 = --- / PREEMERGENCE

* TIMING CODES

11 = --- / EPOST
13 = --- / LPOST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES

TRIAL # US 211/17/01 003 01 : USUPIENL AS-100
DATA MEAN

TITLE: UPI Programs for Enlist Soybean. AS-100
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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			GLXMA	SETFA	PHBPU	GLXMA	SETFA	PHBPU
		RATE	UNIT	TM	CON % 06/24/17	CON % 06/24/17	CON % 06/27/17	CON % 07/19/17	CON % 07/19/17	CON % 07/19/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	TRICOR 4L	0.28	LAA	9	0	93	13	22	98	98
	B»MOCASSIN 8L	0.875	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»INTERLINE 2.34	0.53	LAA	11						
	E»MOCASSIN 8L	1.00	LAA	11						
	F»LIQUID AMS	6.00	PMA	11						
	G»2,4-D CHOLINE	0.95	LAA	13						
	H»INTERLINE 2.34	0.53	LAA	13						
	I»LIQUID AMS	6.00	PMA	13						
3A	TRICOR 4L	0.375	LAA	9	0	89	10	22	97	98
	B»MOCASSIN 8L	1.19	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»INTERLINE 2.34	0.53	LAA	11						
	E»MOCASSIN 8L	1.00	LAA	11						
	F»LIQUID AMS	6.00	PMA	11						
	G»2,4-D CHOLINE	0.95	LAA	13						
	H»INTERLINE 2.34	0.53	LAA	13						
	I»LIQUID AMS	6.00	PMA	13						
4A	TRICOR 4L	0.28	LAA	9	0	82	13	16	96	98
	B»SATELLITE HYDR	0.75	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»INTERLINE 2.34	0.53	LAA	11						
	E»MOCASSIN 8L	1.00	LAA	11						
	F»LIQUID AMS	6.00	PMA	11						
	G»2,4-D CHOLINE	0.95	LAA	13						
	H»INTERLINE 2.34	0.53	LAA	13						
	I»LIQUID AMS	6.00	PMA	13						
5A	TRICOR 4L	0.375	LAA	9	0	76	13	13	95	99
	B»SATELLITE HYDR	1.00	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»INTERLINE 2.34	0.53	LAA	11						
	E»MOCASSIN 8L	1.00	LAA	11						
	F»LIQUID AMS	6.00	PMA	11						
	G»2,4-D CHOLINE	0.95	LAA	13						
	H»INTERLINE 2.34	0.53	LAA	13						
	I»LIQUID AMS	6.00	PMA	13						
6A	TRICOR 4L	0.28	LAA	9	0	58	40	9	96	99
	B»SHUTDOWN 4.16L	0.094	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»INTERLINE 2.34	0.53	LAA	11						
	E»MOCASSIN 8L	1.00	LAA	11						
	F»LIQUID AMS	6.00	PMA	11						
	G»2,4-D CHOLINE	0.95	LAA	13						
	H»INTERLINE 2.34	0.53	LAA	13						
	I»LIQUID AMS	6.00	PMA	13						
7A	TRICOR 4L	0.375	LAA	9	0	37	50	11	96	98
	B»SHUTDOWN 4.16L	0.125	LAA	9						
	C»2,4-D CHOLINE	0.95	LAA	11						
	D»INTERLINE 2.34	0.53	LAA	11						
	E»MOCASSIN 8L	1.00	LAA	11						
	F»LIQUID AMS	6.00	PMA	11						
	G»2,4-D CHOLINE	0.95	LAA	13						
	H»INTERLINE 2.34	0.53	LAA	13						
	I»LIQUID AMS	6.00	PMA	13						
8A	TRICOR 4L	0.375	LAA	9	0	91	20	10	98	95
	B»MOCASSIN 8L	1.19	LAA	9						
	C»INTERLINE 2.34	0.53	LAA	11						
	D»MOCASSIN 8L	1.00	LAA	11						
	E»LIQUID AMS	6.00	PMA	11						
	F»INTERLINE 2.34	0.53	LAA	13						
	G»LIQUID AMS	6.00	PMA	13						

TRIAL # US 211/17/01 003 01 : USUPIENL AS-100
DATA MEAN

TITLE: UPI Programs for Enlist Soybean. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	SETFA	PHBPU	GLXMA	SETFA	PHBPU
		RATE	UNIT	CON % 06/24/17	CON % 06/24/17	CON % 06/27/17	CON % 07/19/17	CON % 07/19/17	CON % 07/19/17
9A»	2,4-D CHOLINE	0.95	LAA 11				10	92	97
	B»INTERLINE 2.34	0.53	LAA 11						
	C»MOCASSIN 8L	1.00	LAA 11						
	D»LIQUID AMS	6.00	PMA 11						
	E»2,4-D CHOLINE	0.95	LAA 13						
	F»INTERLINE 2.34	0.53	LAA 13						
	G»LIQUID AMS	6.00	PMA 13						
10A»	TRICOR 4L	0.375	LAA 9	0	85	10	10	92	97
	B»MOCASSIN 8L	1.19	LAA 9						
	C»2,4-D CHOLINE	0.95	LAA 11						
	D»INTERLINE 2.34	0.53	LAA 11						
	E»LIQUID AMS	6.00	PMA 11						
	F»2,4-D CHOLINE	0.95	LAA 13						
	G»INTERLINE 2.34	0.53	LAA 13						
	H»LIQUID AMS	6.00	PMA 13						
11A»	2,4-D CHOLINE	0.95	LAA 11	0	0	0	14	90	96
	B»INTERLINE 2.34	0.53	LAA 11						
	C»LIQUID AMS	6.00	PMA 11						
	D»2,4-D CHOLINE	0.95	LAA 13						
	E»INTERLINE 2.34	0.53	LAA 13						
	F»LIQUID AMS	6.00	PMA 13						
12A	CHECK	0.00	NA 0	0	0	0	0	0	0
							4.3	4.9	1.4
							2.1	2.4	0.7

TRIAL # US 211/17/01 003 01 : USUPIENL AS-100
DATA MEAN

TITLE: UPI Programs for Enlist Soybean. AS-100
CREATED: 05/11/2017 **REVISED:** 03/20/2018 **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			GLXMA	SETFA	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	»TRICOR 4L	0.28	LAA	9	15	99	99
	B»MOCASSIN 8L	0.875	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»INTERLINE 2.34	0.53	LAA	11			
	E»MOCASSIN 8L	1.00	LAA	11			
	F»LIQUID AMS	6.00	PMA	11			
	G»2,4-D CHOLINE	0.95	LAA	13			
	H»INTERLINE 2.34	0.53	LAA	13			
	I»LIQUID AMS	6.00	PMA	13			
3A	»TRICOR 4L	0.375	LAA	9	12	99	99
	B»MOCASSIN 8L	1.19	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»INTERLINE 2.34	0.53	LAA	11			
	E»MOCASSIN 8L	1.00	LAA	11			
	F»LIQUID AMS	6.00	PMA	11			
	G»2,4-D CHOLINE	0.95	LAA	13			
	H»INTERLINE 2.34	0.53	LAA	13			
	I»LIQUID AMS	6.00	PMA	13			
4A	»TRICOR 4L	0.28	LAA	9	7	99	99
	B»SATELLITE HYDR	0.75	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»INTERLINE 2.34	0.53	LAA	11			
	E»MOCASSIN 8L	1.00	LAA	11			
	F»LIQUID AMS	6.00	PMA	11			
	G»2,4-D CHOLINE	0.95	LAA	13			
	H»INTERLINE 2.34	0.53	LAA	13			
	I»LIQUID AMS	6.00	PMA	13			
5A	»TRICOR 4L	0.375	LAA	9	4	99	99
	B»SATELLITE HYDR	1.00	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»INTERLINE 2.34	0.53	LAA	11			
	E»MOCASSIN 8L	1.00	LAA	11			
	F»LIQUID AMS	6.00	PMA	11			
	G»2,4-D CHOLINE	0.95	LAA	13			
	H»INTERLINE 2.34	0.53	LAA	13			
	I»LIQUID AMS	6.00	PMA	13			
6A	»TRICOR 4L	0.28	LAA	9	2	99	99
	B»SHUTDOWN 4.16L	0.094	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»INTERLINE 2.34	0.53	LAA	11			
	E»MOCASSIN 8L	1.00	LAA	11			
	F»LIQUID AMS	6.00	PMA	11			
	G»2,4-D CHOLINE	0.95	LAA	13			
	H»INTERLINE 2.34	0.53	LAA	13			
	I»LIQUID AMS	6.00	PMA	13			
7A	»TRICOR 4L	0.375	LAA	9	4	98	99
	B»SHUTDOWN 4.16L	0.125	LAA	9			
	C»2,4-D CHOLINE	0.95	LAA	11			
	D»INTERLINE 2.34	0.53	LAA	11			
	E»MOCASSIN 8L	1.00	LAA	11			
	F»LIQUID AMS	6.00	PMA	11			
	G»2,4-D CHOLINE	0.95	LAA	13			
	H»INTERLINE 2.34	0.53	LAA	13			
	I»LIQUID AMS	6.00	PMA	13			
8A	»TRICOR 4L	0.375	LAA	9	5	99	99
	B»MOCASSIN 8L	1.19	LAA	9			
	C»INTERLINE 2.34	0.53	LAA	11			
	D»MOCASSIN 8L	1.00	LAA	11			
	E»LIQUID AMS	6.00	PMA	11			
	F»INTERLINE 2.34	0.53	LAA	13			
	G»LIQUID AMS	6.00	PMA	13			

TRIAL # US 211/17/01 003 01 : USUPIENL AS-100
DATA MEAN

TITLE: UPI Programs for Enlist Soybean. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA	SETFA	PHBPU
		RATE	UNIT	CON % 08/02/17	CON % 08/02/17	CON % 08/02/17
9A	2,4-D CHOLINE	0.95	LAA 11	3	98	99
B	INTERLINE 2.34	0.53	LAA 11			
C	MOCASSIN 8L	1.00	LAA 11			
D	LIQUID AMS	6.00	PMA 11			
E	2,4-D CHOLINE	0.95	LAA 13			
F	INTERLINE 2.34	0.53	LAA 13			
G	LIQUID AMS	6.00	PMA 13			
10A	TRICOR 4L	0.375	LAA 9	4	99	99
B	MOCASSIN 8L	1.19	LAA 9			
C	2,4-D CHOLINE	0.95	LAA 11			
D	INTERLINE 2.34	0.53	LAA 11			
E	LIQUID AMS	6.00	PMA 11			
F	2,4-D CHOLINE	0.95	LAA 13			
G	INTERLINE 2.34	0.53	LAA 13			
H	LIQUID AMS	6.00	PMA 13			
11A	2,4-D CHOLINE	0.95	LAA 11	10	99	99
B	INTERLINE 2.34	0.53	LAA 11			
C	LIQUID AMS	6.00	PMA 11			
D	2,4-D CHOLINE	0.95	LAA 13			
E	INTERLINE 2.34	0.53	LAA 13			
F	LIQUID AMS	6.00	PMA 13			
12A	CHECK	0.00	NA 0	0	0	0
			LSD (0.05)	4.3	0.5	0.0
			STANDARD DEVIATION	2.1	0.3	0.0

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 06/08/2017(1)
 11 = --- / EPOST 07/06/2017(2)
 13 = --- / LPOST 07/31/2017(3)

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 %	06/24/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/24/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/27/2017	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/19/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	07/19/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	07/19/2017	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	08/02/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	08/02/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	08/02/2017	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = 29E16L7 ENLIST E3