APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 6.0
%OM: 3.7
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	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/06/19	07/08/19	AME
TIME - BEGIN	16:10	14:10	24H
TIME - END	16:30	14:30	24H
AIR TEMPERATURE	88	86	F
% REL.HUMIDITY	45	60	
WIND DIRECTION	EAST	EAST	
WIND SPEED	5.0	4.0	M/H
CLOUD COVER	CLOUDY-~6	PAR.CLOUD	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	78/4.00	87/4.00	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	20.0	20.0	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	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	
P 5030017-12		8.00/8.00	IN
(PLANTED) 06/06/2019		32 DAP	
PEST *			
P, Waterhemp, commo		---/17 1.00/6.00	IN
P, Tall morning glo		---/18 1.00/5.00	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE

*** TIMING CODES**
12 = --- / POST

*** STAGE CODE**
15 = TRIFOLIOLATE LEAF ON THE 5TH NODE UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Enlist Soybean. Lost 40
CREATED: 04/09/2019 **REVISED:** 10/29/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:**
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 RATE	UNIT	TM	GLXMA CON % 07/22/19	AMATA CON % 07/22/19	PHBPU CON % 07/22/19	GLXMA CON % 08/05/19	AMATA CON % 08/05/19	PHBPU CON % 08/05/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A»	SONIC 70DF	0.197	LAA	9	0	97	97	0	97	97
B»	DURANGO 4AE	1.00	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	SONIC 70DF	0.197	LAA	9	0	99	99	0	99	99
B»	ENLIST DUO 3.3	1.46	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
4A»	SONIC 70DF	0.197	LAA	9	0	99	99	0	99	99
B»	ENLIST DUO 3.3	1.95	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
5A»	SONIC 70DF	0.197	LAA	9	0	99	99	0	99	99
B»	ENLIST ONE 3.8	0.714	LAA	12						
C»	DURANGO 4AE	0.75	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
6A»	SONIC 70DF	0.197	LAA	9	0	95	99	0	96	99
B»	ENLIST ONE 3.8	0.95	LAA	12						
C»	DURANGO 4AE	1.00	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	SONIC 70DF	0.197	LAA	9	0	99	99	0	99	99
B»	GLUFOSINATE 2.	0.484	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	SONIC 70DF	0.197	LAA	9	0	97	99	0	97	99
B»	ENLIST ONE 3.8	0.714	LAA	12						
C»	GLUFOSINATE 2.	0.484	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
9A»	SONIC 70DF	0.197	LAA	9	0	99	99	0	99	99
B»	ENLIST ONE 3.8	0.95	LAA	12						
C»	GLUFOSINATE 2.	0.484	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				0.0	3.2	2.2	0.0	3.4	2.2
	STANDARD DEVIATION				0.0	1.5	1.1	0.0	1.6	1.1

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/06/2019(1)
12 = --- / POST 07/08/2019(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 %	07/22/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	07/22/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	07/22/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	08/05/2019	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	08/05/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	08/05/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = P 5030017-12