APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 6.6
%OM: 3.4
PREV.CROP: ZEAMD - Dent corn
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/03/20	06/30/20	AME
TIME - BEGIN	11:20	09:00	24H
TIME - END	11:40	09:25	24H
AIR TEMPERATURE	87	77	F
% REL.HUMIDITY	52	79	
WIND DIRECTION	WEST	SOUTH	
WIND SPEED	7.0	3.0	M/H
CLOUD COVER	PAR.CLOUD	CLOUDY-~6	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	75/4.00	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	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	0.330	0.330	
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		---/13	
NK S35-E3		5.00/7.00	IN
(PLANTED) 06/03/2020		27 DAP	
PEST *			
P, Waterhemp, commo		---/19 1.00/6.00	IN
P, Foxtail, yellow		---/13 2.00/6.00	IN

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

*** TIMING CODES**
11 = --- / EPOST

*** STAGE CODE**
13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED
13 = 3 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Enlist E3 Soybean. Lost 40 D
CREATED: 04/28/2020 **REVISED:** 11/09/2020 **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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/30/20	AMATA CON % 06/30/20	SETPU CON % 06/30/20	GLXMA CON % 07/08/20	AMATA CON % 07/08/20	SETPU CON % 07/08/20
1A	DUAL MAGNUM 7.	2.00	PMA	9	1	97	99	12	99	99
B	METRIBUZIN 75D	6.00	OMA	9						
C	ENLIST ONE 3.8	2.00	PMA	11						
D	SEQUENCE 5.25E	4.00	PMA	11						
E	REQUEST	0.50	PMV	11						
2A	BOUNDARY 6.5EC	1.50	PMA	9	0	97	98	10	99	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	RNDUP POWERMAX	32.00	ZMA	11						
D	REQUEST	0.50	PMV	11						
3A	BOUNDARY 6.5EC	1.50	PMA	9	0	98	99	15	98	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	SEQUENCE 5.25E	2.75	PMA	11						
D	REQUEST	0.50	PMV	11						
4A	BOUNDARY 6.5EC	1.50	PMA	9	0	98	99	20	99	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	SEQUENCE 5.25E	4.00	PMA	11						
D	REQUEST	0.50	PMV	11						
5A	BOUNDARY 6.5EC	2.00	PMA	9	2	99	99	13	99	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	RNDUP POWERMAX	32.00	ZMA	11						
D	REQUEST	0.50	PMV	11						
6A	BOUNDARY 6.5EC	2.00	PMA	9	2	99	99	10	99	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	SEQUENCE 5.25E	2.75	PMA	11						
D	REQUEST	0.50	PMV	11						
7A	BOUNDARY 6.5EC	2.00	PMA	9	2	99	99	10	96	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	SEQUENCE 5.25E	4.00	PMA	11						
D	REQUEST	0.50	PMV	11						
8A	PREFIX 5.29EC	2.00	PMA	9	1	86	97	5	94	99
B	CANOPY BLEND 5	2.90	OMA	0						
C	CLASSIC 25WG	0.015	LAA	9						
D	METRIBUZIN 75D	0.0906	LAA	9						
E	ENLIST ONE 3.8	2.00	PMA	11						
F	SEQUENCE 5.25E	4.00	PMA	11						
G	REQUEST	0.50	PMV	11						
9A	ZIDUA PRO 4.09	6.00	ZMA	9	5	98	99	18	99	99
B	ENLIST ONE 3.8	2.00	PMA	11						
C	OUTLOOK 6EC	10.00	ZMA	11						
D	RNDUP POWERMAX	32.00	ZMA	11						
E	REQUEST	0.50	PMV	11						
10A	ZIDUA PRO 4.09	4.50	ZMA	9	5	96	99	33	95	99
B	ENLIST DUO 3.3	3.50	PMA	11						
C	ZIDUA SC 4.17	2.50	ZMA	11						
11A	ZIDUA PRO 4.09	4.50	ZMA	9	5	96	99	20	99	99
B	LIBERTY 2.34L	32.00	ZMA	11						
C	RNDUP POWERMAX	32.00	ZMA	11						
D	ZIDUA SC 4.17	2.50	ZMA	11						
E	LIQUID AMS	5.00	PMV	11						
12A	ZIDUA PRO 4.09	4.50	ZMA	9	5	97	99	62	99	99
B	LIBERTY 2.34L	32.00	ZMA	11						
C	ENLIST ONE 3.8	2.00	PMA	11						
D	ZIDUA SC 4.17	2.50	ZMA	11						
E	LIQUID AMS	5.00	PMV	11						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0

DATA MEAN

TITLE: Weed Control Systems in Enlist E3 Soybean. Lost 40 D

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/30/20	AMATA CON % 06/30/20	SETPU CON % 06/30/20	GLXMA CON % 07/08/20	AMATA CON % 07/08/20	SETPU CON % 07/08/20
14A	»SONIC 70DF	4.50	OMA	9	0	84	96	5	90	99
B	»ENLIST ONE 3.8	2.00	PMA	11						
C	»DURANGO 4AE	32.00	ZMA	11						
D	»LIQUID AMS	2.50	PMV	11						
15A	»FIERCE EZ 3.04	6.00	ZMA	9	3	95	98	28	98	99
B	»RNDUP POWERMAX	32.00	ZMA	11						
C	»ENLIST ONE 3.8	1.00	PMA	11						
D	»PERPETUO 2.3L	6.00	ZMA	11						
E	»INDUCE	0.25	PMV	11						
F	»LIQUID AMS	2.50	PMV	11						
16A	»PERPETUO 2.3L	6.00	ZMA	11	0	0	0	14	98	99
B	»SCOUT 2.34SL	32.00	ZMA	11						
C	»ENLIST ONE 3.8	1.50	PMA	11						
D	»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				0.2	1.4	0.9	4.1	0.9	0.0
	STANDARD DEVIATION				0.1	0.7	0.5	2.0	0.4	0.0

TITLE: Weed Control Systems in Enlist E3 Soybean. Lost 40 D
CREATED: 04/28/2020 **REVISED:** 11/09/2020 **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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/30/20	AMATA CON % 07/30/20	SETPU CON % 07/30/20	GLXMA BU/A 11/09/20
1A	»DUAL MAGNUM 7.	2.00	PMA	9	5	99	99	56.1
B	»METRIBUZIN 75D	6.00	OMA	9				
C	»ENLIST ONE 3.8	2.00	PMA	11				
D	»SEQUENCE 5.25E	4.00	PMA	11				
E	»REQUEST	0.50	PMV	11				
2A	»BOUNDARY 6.5EC	1.50	PMA	9	5	99	99	52.0
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»RNDUP POWERMAX	32.00	ZMA	11				
D	»REQUEST	0.50	PMV	11				
3A	»BOUNDARY 6.5EC	1.50	PMA	9	7	96	99	44.8
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»SEQUENCE 5.25E	2.75	PMA	11				
D	»REQUEST	0.50	PMV	11				
4A	»BOUNDARY 6.5EC	1.50	PMA	9	10	99	99	47.4
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»SEQUENCE 5.25E	4.00	PMA	11				
D	»REQUEST	0.50	PMV	11				
5A	»BOUNDARY 6.5EC	2.00	PMA	9	5	99	99	49.7
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»RNDUP POWERMAX	32.00	ZMA	11				
D	»REQUEST	0.50	PMV	11				
6A	»BOUNDARY 6.5EC	2.00	PMA	9	5	99	99	62.8
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»SEQUENCE 5.25E	2.75	PMA	11				
D	»REQUEST	0.50	PMV	11				
7A	»BOUNDARY 6.5EC	2.00	PMA	9	3	92	99	62.3
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»SEQUENCE 5.25E	4.00	PMA	11				
D	»REQUEST	0.50	PMV	11				
8A	»PREFIX 5.29EC	2.00	PMA	9	0	88	99	61.4
B	»CANOPY BLEND 5	2.90	OMA	0				
C	CLASSIC 25WG	0.015	LAA	9				
D	»METRIBUZIN 75D	0.0906	LAA	9				
E	»ENLIST ONE 3.8	2.00	PMA	11				
F	»SEQUENCE 5.25E	4.00	PMA	11				
G	»REQUEST	0.50	PMV	11				
9A	»ZIDUA PRO 4.09	6.00	ZMA	9	11	99	99	48.6
B	»ENLIST ONE 3.8	2.00	PMA	11				
C	»OUTLOOK 6EC	10.00	ZMA	11				
D	»RNDUP POWERMAX	32.00	ZMA	11				
E	»REQUEST	0.50	PMV	11				
10A	»ZIDUA PRO 4.09	4.50	ZMA	9	22	88	99	51.9
B	»ENLIST DUO 3.3	3.50	PMA	11				
C	»ZIDUA SC 4.17	2.50	ZMA	11				
11A	»ZIDUA PRO 4.09	4.50	ZMA	9	8	99	99	45.4
B	»LIBERTY 2.34L	32.00	ZMA	11				
C	»RNDUP POWERMAX	32.00	ZMA	11				
D	»ZIDUA SC 4.17	2.50	ZMA	11				
E	»LIQUID AMS	5.00	PMV	11				
12A	»ZIDUA PRO 4.09	4.50	ZMA	9	47	99	99	42.0
B	»LIBERTY 2.34L	32.00	ZMA	11				
C	»ENLIST ONE 3.8	2.00	PMA	11				
D	»ZIDUA SC 4.17	2.50	ZMA	11				
E	»LIQUID AMS	5.00	PMV	11				
13A	CHECK	0.00	NA	0	0	0	0	15.8

DATA MEAN

TITLE: Weed Control Systems in Enlist E3 Soybean. Lost 40 D

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/30/20	AMATA CON % 07/30/20	SETPU CON % 07/30/20	GLXMA BU/A 11/09/20
	14A»SONIC 70DF	4.50	OMA	9	0	82	99	62.8
	B»ENLIST ONE 3.8	2.00	PMA	11				
	C»DURANGO 4AE	32.00	ZMA	11				
	D»LIQUID AMS	2.50	PMV	11				
	15A»FIERCE EZ 3.04	6.00	ZMA	9	13	95	99	46.9
	B»RNDUP POWERMAX	32.00	ZMA	11				
	C»ENLIST ONE 3.8	1.00	PMA	11				
	D»PERPETUO 2.3L	6.00	ZMA	11				
	E»INDUCE	0.25	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
	16A»PERPETUO 2.3L	6.00	ZMA	11	5	96	99	65.0
	B»SCOUT 2.34SL	32.00	ZMA	11				
	C»ENLIST ONE 3.8	1.50	PMA	11				
	D»LIQUID AMS	2.50	PMV	11				
	LSD (0.05)				3.0	3.3	0.0	21.05
	STANDARD DEVIATION				1.5	1.6	0.0	10.31

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/03/2020(1)
11 = --- / EPOST 06/30/2020(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 %	06/30/2020	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/30/2020	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETPU	CON %	06/30/2020	03	P	SETPU	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/08/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	07/08/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETPU	CON %	07/08/2020	03	P	SETPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/30/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/30/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETPU	CON %	07/30/2020	03	P	SETPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	GLXMA	BU/A	11/09/2020	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = NK S35-E3

*** STAGE CODE**
13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED
13 = 3 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED