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	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/03/20	06/26/20	07/13/20	AME
TIME - BEGIN	11:00	11:41	14:40	24H
TIME - END	11:15	11:42	15:00	24H
AIR TEMPERATURE	87	89	83	F
% REL.HUMIDITY	52	48	57	
WIND DIRECTION	WEST	SOUTHWEST	NORTH	
WIND SPEED	7.0	4.0	3.0	M/H
CLOUD COVER	CLOUDY-~6	PAR.CLOUD	HAZY SUN-	
DEW	TO BE SEL	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	75/4.00	74/4.00	82/4.00	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	N/A	N/A	N/A	
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	0.330	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	GAL	
SPRAY VOLUME	20.00	20.00	20.00	
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 *				
P, Soybean		---/13	---/17	
MERSCHMAN KENNED		4.00/4.00	10.0/10.0	IN
(PLANTED) 06/03/2020		23 DAP	40 DAP	
PEST *				
P, Velvetleaf			---/18	
			7.00/9.00	IN
P, Waterhemp, commo			---/19	
			4.00/16.0	IN
P, Morningglory, iv		---/10	---/17	
		0.50/0.50	1.00/6.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *				
P, Foxtail, yellow		---/14 1.00/2.50	---/19 7.00/12.0	IN
P, Common cocklebur		---/15 1.00/2.50	---/19 6.00/15.0	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE
12 = --- / POST
13 = --- / LPOST

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
13 = TRIFOLIOLATE LEAF ON THE 3RD NODE UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = TRIFOLIOLATE LEAF ON THE 7TH NODE UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = 9 OR MORE LEAVES UNFOLDED

DATA MEAN

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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 % 06/24/20	AMATA CON % 06/24/20	SETPU CON % 06/24/20	IPOHE CON % 06/24/20	SIDSP CON % 06/24/20	ABUTH CON % 06/24/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»AUTHOR. SUPREM	8.00	ZMA	9	0	99	99	96	99	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
3A	»AUTHORITY EDGE	8.00	ZMA	9	0	99	98	99	98	98
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
4A	»AUTHORITY EDGE	10.00	ZMA	9	0	99	98	95	99	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
5A	»AUTHORITY EDGE	8.00	ZMA	9	0	99	96	98	98	99
B	»ANTHEM MAXX 4.	2.50	ZMA	12						
C	»RNDUP POWERMAX	22.00	ZMA	12						
D	»ENLIST ONE 3.8	2.00	PMA	12						
E	»LIBERTY 2.34L	29.00	ZMA	12						
F	»LIQUID AMS	2.50	PMV	12						
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	0	99	99	99	99	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	0	99	99	70	99	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
8A	»AUTHOR. FIRST	6.40	OMA	9	0	97	96	99	99	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	99	99	86	99	99
B	»METRIBUZIN 75D	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	99	99	86	99	99
B	CANOPY 75WG	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				0.0	1.1	3.6	16.6	0.9	0.6
	STANDARD DEVIATION				0.0	0.5	1.7	7.9	0.4	0.3

DATA MEAN

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	XANST CON % 06/24/20	AMATA 0.25 M2 06/24/20	SETPU 0.25 M2 06/24/20	IPOHE 0.25 M2 06/24/20	SIDSP 0.25 M2 06/24/20	ABUTH 0.25 M2 06/24/20
1A	CHECK	0.00	NA	0	0	42	4	4	1	1
2A	»AUTHOR. SUPREM	8.00	ZMA	9	89	0	0	0	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
3A	»AUTHORITY EDGE	8.00	ZMA	9	89	0	0	0	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
4A	»AUTHORITY EDGE	10.00	ZMA	9	96	0	1	1	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
5A	»AUTHORITY EDGE	8.00	ZMA	9	76	0	1	0	0	0
B	»ANTHEM MAXX 4.	2.50	ZMA	12						
C	»RNDUP POWERMAX	22.00	ZMA	12						
D	»ENLIST ONE 3.8	2.00	PMA	12						
E	»LIBERTY 2.34L	29.00	ZMA	12						
F	»LIQUID AMS	2.50	PMV	12						
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	99	0	0	0	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	96	0	0	2	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
8A	»AUTHOR. FIRST	6.40	OMA	9	99	1	1	0	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	80	0	1	2	0	0
B	»METRIBUZIN 75D	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	99	0	0	1	0	0
B	CANOPY 75WG	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				23.3	11.0	2.2	2.6	0.3	0.7
	STANDARD DEVIATION				11.1	5.3	1.0	1.2	0.1	0.3

DATA MEAN

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	XANST 0.25 M2 06/24/20	GLXMA CON % 07/15/20	AMATA CON % 07/15/20	SETPU CON % 07/15/20	IPOHE CON % 07/15/20	SIDSP CON % 07/15/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»AUTHOR. SUPREM	8.00	ZMA	9	0	0	92	98	92	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
3A	»AUTHORITY EDGE	8.00	ZMA	9	0	0	95	93	95	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
4A	»AUTHORITY EDGE	10.00	ZMA	9	0	0	96	93	97	83
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
5A	»AUTHORITY EDGE	8.00	ZMA	9	1	0	99	99	99	99
B	»ANTHEM MAXX 4.	2.50	ZMA	12						
C	»RNDUP POWERMAX	22.00	ZMA	12						
D	»ENLIST ONE 3.8	2.00	PMA	12						
E	»LIBERTY 2.34L	29.00	ZMA	12						
F	»LIQUID AMS	2.50	PMV	12						
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	0	0	94	98	88	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	0	0	97	99	47	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
8A	»AUTHOR. FIRST	6.40	OMA	9	0	0	66	92	99	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	1	0	99	98	53	99
B	»METRIBUZIN 75D	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	0	97	98	73	99
B	CANOPY 75WG	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				1.0	0.0	5.8	6.5	31.7	15.3
	STANDARD DEVIATION				0.5	0.0	2.8	3.1	15.1	7.3

DATA MEAN

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	ABUTH CON % 07/15/20	XANST CON % 07/15/20	AMATA 0.25 M2 07/15/20	SETPU 0.25 M2 07/15/20	IPOHE 0.25 M2 07/15/20	SIDSP 0.25 M2 07/15/20
1A	CHECK	0.00	NA	0	0	0	24	3	1	1
2A	»AUTHOR. SUPREM	8.00	ZMA	9	70	69	2	0	1	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
3A	»AUTHORITY EDGE	8.00	ZMA	9	83	69	1	0	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
4A	»AUTHORITY EDGE	10.00	ZMA	9	89	67	0	1	1	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
5A	»AUTHORITY EDGE	8.00	ZMA	9	99	99	0	0	0	0
B	»ANTHEM MAXX 4.	2.50	ZMA	12						
C	»RNDUP POWERMAX	22.00	ZMA	12						
D	»ENLIST ONE 3.8	2.00	PMA	12						
E	»LIBERTY 2.34L	29.00	ZMA	12						
F	»LIQUID AMS	2.50	PMV	12						
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	99	99	1	0	1	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	89	76	1	0	3	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
8A	»AUTHOR. FIRST	6.40	OMA	9	99	99	4	2	1	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	99	36	0	0	1	0
B	»METRIBUZIN 75D	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	99	96	0	0	3	0
B	CANOPY 75WG	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				23.6	55.7	2.5	1.7	2.4	0.7
	STANDARD DEVIATION				11.2	26.5	1.2	0.8	1.1	0.3

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	ABUTH 0.25 M2 07/15/20	XANST 0.25 M2 07/15/20	GLXMA CON % 07/27/20	AMATA CON % 07/27/20	SETPU CON % 07/27/20	IPOHE CON % 07/27/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»AUTHOR. SUPREM	8.00	ZMA	9	0	1	0	97	96	98
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
3A	»AUTHORITY EDGE	8.00	ZMA	9	0	0	0	99	98	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
4A	»AUTHORITY EDGE	10.00	ZMA	9	0	1	0	99	97	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
5A	»AUTHORITY EDGE	8.00	ZMA	9	0	0	0	99	98	98
B	»ANTHEM MAXX 4.	2.50	ZMA	12						
C	»RNDUP POWERMAX	22.00	ZMA	12						
D	»ENLIST ONE 3.8	2.00	PMA	12						
E	»LIBERTY 2.34L	29.00	ZMA	12						
F	»LIQUID AMS	2.50	PMV	12						
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	0	0	0	97	99	95
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	0	0	0	99	99	75
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
8A	»AUTHOR. FIRST	6.40	OMA	9	0	0	0	80	96	99
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	1	0	99	98	72
B	»METRIBUZIN 75D	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	0	0	99	99	88
B	CANOPY 75WG	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				0.0	1.1	0.0	3.2	3.3	17.3
	STANDARD DEVIATION				0.0	0.5	0.0	1.5	1.6	8.2

DATA MEAN

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	SIDSP CON % 07/27/20	ABUTH CON % 07/27/20	XANST CON % 07/27/20	AMATA 0.25 M2 07/27/20	SETPU 0.25 M2 07/27/20	IPOHE 0.25 M2 07/27/20
1A	CHECK	0.00	NA	0	0	0	0	25	3	2
2A	»AUTHOR. SUPREM	8.00	ZMA	9	99	88	96	2	0	1
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
3A	»AUTHORITY EDGE	8.00	ZMA	9	99	91	79	1	1	0
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
4A	»AUTHORITY EDGE	10.00	ZMA	9	89	94	79	0	2	1
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
5A	»AUTHORITY EDGE	8.00	ZMA	9	99	99	99	0	0	0
B	»ANTHEM MAXX 4.	2.50	ZMA	12						
C	»RNDUP POWERMAX	22.00	ZMA	12						
D	»ENLIST ONE 3.8	2.00	PMA	12						
E	»LIBERTY 2.34L	29.00	ZMA	12						
F	»LIQUID AMS	2.50	PMV	12						
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	99	99	99	1	1	1
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	99	94	83	1	0	2
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
8A	»AUTHOR. FIRST	6.40	OMA	9	99	99	99	4	3	1
B	»ENLIST ONE 3.8	2.00	PMA	13						
C	»LIBERTY 2.34L	29.00	ZMA	13						
D	»LIQUID AMS	2.50	PMV	13						
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	99	99	66	0	0	1
B	»METRIBUZIN 75D	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	99	99	98	0	0	5
B	CANOPY 75WG	5.00	OMA	9						
C	»ENLIST ONE 3.8	2.00	PMA	13						
D	»LIBERTY 2.34L	29.00	ZMA	13						
E	»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				9.1	11.4	31.9			
	STANDARD DEVIATION				4.3	5.4	15.2			

DATA MEAN

TITLE: Authority Systems in Soybeans. Lost-40 D
CREATED: 04/28/2020 **REVISED:** 10/02/2020 **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	SIDSP 0.25 M2 07/27/20	XANST 0.25 M2 07/27/20
1A	CHECK	0.00	NA	0	1	0
2A	»AUTHOR. SUPREM	8.00	ZMA	9	0	1
B	»ENLIST ONE 3.8	2.00	PMA	13		
C	»LIBERTY 2.34L	29.00	ZMA	13		
D	»LIQUID AMS	2.50	PMV	13		
3A	»AUTHORITY EDGE	8.00	ZMA	9	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13		
C	»LIBERTY 2.34L	29.00	ZMA	13		
D	»LIQUID AMS	2.50	PMV	13		
4A	»AUTHORITY EDGE	10.00	ZMA	9	0	1
B	»ENLIST ONE 3.8	2.00	PMA	13		
C	»LIBERTY 2.34L	29.00	ZMA	13		
D	»LIQUID AMS	2.50	PMV	13		
5A	»AUTHORITY EDGE	8.00	ZMA	9	0	0
B	»ANTHEM MAXX 4.	2.50	ZMA	12		
C	»RNDUP POWERMAX	22.00	ZMA	12		
D	»ENLIST ONE 3.8	2.00	PMA	12		
E	»LIBERTY 2.34L	29.00	ZMA	12		
F	»LIQUID AMS	2.50	PMV	12		
6A	»ZIDUA PRO 4.09	6.00	ZMA	9	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13		
C	»LIBERTY 2.34L	29.00	ZMA	13		
D	»LIQUID AMS	2.50	PMV	13		
7A	»BOUNDARY 6.5EC	29.00	ZMA	9	0	0
B	»ENLIST ONE 3.8	2.00	PMA	13		
C	»LIBERTY 2.34L	29.00	ZMA	13		
D	»LIQUID AMS	2.50	PMV	13		
8A	»AUTHOR. FIRST	6.40	OMA	9	1	0
B	»ENLIST ONE 3.8	2.00	PMA	13		
C	»LIBERTY 2.34L	29.00	ZMA	13		
D	»LIQUID AMS	2.50	PMV	13		
9A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	1
B	»METRIBUZIN 75D	5.00	OMA	9		
C	»ENLIST ONE 3.8	2.00	PMA	13		
D	»LIBERTY 2.34L	29.00	ZMA	13		
E	»LIQUID AMS	2.50	PMV	13		
10A	»ANTHEM MAXX 4.	4.00	ZMA	9	0	1
B	CANOPY 75WG	5.00	OMA	9		
C	»ENLIST ONE 3.8	2.00	PMA	13		
D	»LIBERTY 2.34L	29.00	ZMA	13		
E	»LIQUID AMS	2.50	PMV	13		
		LSD (0.05)				
		STANDARD DEVIATION				

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/03/2020(1)
12 = --- / POST 06/26/2020(2)
13 = --- / LPOST 07/13/2020(3)

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 %	06/24/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Authority Systems in Soybeans. Lost-40 D

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
002	AMATA	CON %	06/24/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETPU	CON %	06/24/2020	03	P	SETPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	06/24/2020	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SIDSP	CON %	06/24/2020	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/24/2020	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/24/2020	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	0.25 M2	06/24/2020	02	P	AMATA		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
009	SETPU	0.25 M2	06/24/2020	03	P	SETPU		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
010	IPOHE	0.25 M2	06/24/2020	04	P	IPOHE		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
011	SIDSP	0.25 M2	06/24/2020	05	P	SIDSP		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
012	ABUTH	0.25 M2	06/24/2020	06	P	ABUTH		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
013	XANST	0.25 M2	06/24/2020	07	P	XANST		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
014	GLXMA	CON %	07/15/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/15/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETPU	CON %	07/15/2020	03	P	SETPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	IPOHE	CON %	07/15/2020	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SIDSP	CON %	07/15/2020	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/15/2020	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	CON %	07/15/2020	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMATA	0.25 M2	07/15/2020	02	P	AMATA		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
022	SETPU	0.25 M2	07/15/2020	03	P	SETPU		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
023	IPOHE	0.25 M2	07/15/2020	04	P	IPOHE		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
024	SIDSP	0.25 M2	07/15/2020	05	P	SIDSP		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
025	ABUTH	0.25 M2	07/15/2020	06	P	ABUTH		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
026	XANST	0.25 M2	07/15/2020	07	P	XANST		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
027	GLXMA	CON %	07/27/2020	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	AMATA	CON %	07/27/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	SETPU	CON %	07/27/2020	03	P	SETPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	IPOHE	CON %	07/27/2020	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	SIDSP	CON %	07/27/2020	05	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	ABUTH	CON %	07/27/2020	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	XANST	CON %	07/27/2020	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	AMATA	0.25 M2	07/27/2020	02	P	AMATA		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
035	SETPU	0.25 M2	07/27/2020	03	P	SETPU		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
036	IPOHE	0.25 M2	07/27/2020	04	P	IPOHE		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
037	SIDSP	0.25 M2	07/27/2020	05	P	SIDSP		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N
038	XANST	0.25 M2	07/27/2020	07	P	XANST		RAW	ALL	CNT	NUM	---	0.25 SQM	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = MERSCHMAN KENNEDY 1936E