

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
PREV.CROP: ZEAMD - dent corn
%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	12	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/19/16	06/13/16	06/18/16	AME
TIME - BEGIN	02:00	10:30	09:00	24H
TIME - END	03:00	10:45	09:15	24H
AIR TEMPERATURE	71	83	82	F
% REL.HUMIDITY	25	40	65	
WIND DIRECTION	SOUTH	SOUTHEAST	NORTHEAST	
WIND SPEED	5.0	6.0	5.0	M/H
CLOUD COVER	CLEAR-0%	CLEAR-0%	CLEAR-0%	
DEW	TO BE SEL	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	75/4.00	79/4.00	71/4.00	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	0.330	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;soya bea ASGROW AG3334 RR (PLANTED) 05/19/2016		---/14 6.00/6.00 25 DAP	---/16 7.00/9.00 30 DAP	IN
PEST *				
P, velvetleaf;velve		---/13 1.00/3.00	---/14 3.00/4.00	IN
P, tall amaranth;co		---/15 1.00/3.00	---/18 2.00/6.00	IN
P, common morning g		---/13 1.00/3.00	---/14 1.00/4.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	MIN / MAX	
PEST * P, giant foxtail;no		---/13 1.00/5.00	---/15 1.00/8.00	IN
P, beach cocklebur;		---/14 2.00/8.00	---/14 2.00/6.00	IN

* TIMING CODES

09 = --- / PREEMERGENCE
 11 = --- / EPOST
 12 = --- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200
CREATED: 04/20/2016 **REVISED:** 01/06/2017 **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	TREATMENT	DOSAGE	GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/03/16	06/03/16	06/03/16	06/03/16
1A»	AUTHOR. MAXX 6	0.21	LAA	9	0	53	99	92
B»	ANTHEM MAXX 4.	0.10	LAA	11				88
C»	RNDUP POWERMAX	1.125	LAA	11				68
D»	LIQUID AMS	2.50	PMV	11				
2A»	AUTHOR. MAXX 6	0.21	LAA	9	0	63	99	99
B	SENCOR 75WG	0.23	LAA	9				90
C»	ANTHEM MAXX 4.	0.10	LAA	11				76
D»	RNDUP POWERMAX	1.125	LAA	11				
E»	LIQUID AMS	2.50	PMV	11				
3A»	AUTHORITY MTZ	0.42	LAA	9	0	70	99	99
B»	ANTHEM MAXX 4.	0.10	LAA	11				87
C»	RNDUP POWERMAX	1.125	LAA	11				77
D»	LIQUID AMS	2.50	PMV	11				
4A»	AUTHOR. ELITE	1.42	LAA	9	0	99	99	93
B»	ANTHEM MAXX 4.	0.10	LAA	11				88
C»	RNDUP POWERMAX	1.125	LAA	11				65
D»	LIQUID AMS	2.50	PMV	11				
5A»	AUTHOR. ELITE	1.42	LAA	9	0	99	99	95
B	SENCOR 75WG	0.23	LAA	9				88
C»	ANTHEM MAXX 4.	0.10	LAA	11				67
D»	RNDUP POWERMAX	1.125	LAA	11				
E»	LIQUID AMS	2.50	PMV	11				
6A»	ANTHEM MAXX 4.	0.13	LAA	9	0	88	99	60
B»	MARVEL SC 3L	0.17	LAA	12				37
C»	RNDUP POWERMAX	1.125	LAA	12				27
D»	LIQUID AMS	2.50	PMV	12				
7A»	ANTHEM MAXX 4.	0.13	LAA	9	0	96	99	67
B	SENCOR 75WG	0.23	LAA	9				52
C»	MARVEL SC 3L	0.17	LAA	12				33
D»	RNDUP POWERMAX	1.125	LAA	12				
E»	LIQUID AMS	2.50	PMV	12				
8A»	AUTHORITY MTZ	0.42	LAA	9	0	65	99	97
B»	MARVEL SC 3L	0.17	LAA	12				84
C»	RNDUP POWERMAX	1.125	LAA	12				72
D»	LIQUID AMS	2.50	PMV	12				
9A»	TRIVENCE 61.3W	7.25	OMA	0	6	68	99	95
B	CLASSIC 25WG	0.0177	LAA	9				57
C	VALOR 51WG	0.058	LAA	9				60
D	SENCOR 75WG	0.202	LAA	9				
E	COBRA 2EC	0.156	LAA	12				
F»	ABUNDIT EXTRA	1.125	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				
10A»	FIERCE 76WG	0.14	LAA	9	17	98	99	98
B	COBRA 2EC	0.156	LAA	12				78
C»	RNDUP POWERMAX	1.125	LAA	12				72
D»	LIQUID AMS	2.50	PMV	12				
11A	BOUNDARY 6.5EC	1.22	LAA	9	0	98	99	60
B»	PREFIX 5.32SL	1.33	LAA	11				20
C»	RNDUP POWERMAX	1.125	LAA	11				17
D»	LIQUID AMS	2.50	PMV	11				
12A»	ROWEL FX 40.3W	3.00	OMA	0	5	58	99	75
B	CLASSIC 25WG	0.0193	LAA	9				50
C»	ROWEL 51WG	0.0563	LAA	9				53
D»	WARRANT ULTRA	1.31	LAA	11				
E»	RNDUP POWERMAX	1.125	LAA	11				
F»	LIQUID AMS	2.50	PMV	11				

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
		RATE	UNIT		CON % 06/03/16	CON % 06/03/16	CON % 06/03/16	CON % 06/03/16	CON % 06/03/16	CON % 06/03/16
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»BROADAXE XC 7L	1.37	LAA	9	0	97	99	88	79	62
	B»FLEXSTAR GT 3.	1.23	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			1.5	15.6	0.0	7.6	9.3	11.3
		STANDARD DEVIATION			0.7	7.6	0.0	3.7	4.5	5.5

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CREATED: 04/20/2016 **REVISED:** 01/06/2017 **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	TREATMENT	DOSAGE	GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/13/16	06/13/16	06/13/16	06/13/16		
1A»	AUTHOR. MAXX 6	0.21	LAA	9	0	50	99	90	80	65
B»	ANTHEM MAXX 4.	0.10	LAA	11						
C»	RNDUP POWERMAX	1.125	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
2A»	AUTHOR. MAXX 6	0.21	LAA	9	0	58	99	99	88	72
B	SENCOR 75WG	0.23	LAA	9						
C»	ANTHEM MAXX 4.	0.10	LAA	11						
D»	RNDUP POWERMAX	1.125	LAA	11						
E»	LIQUID AMS	2.50	PMV	11						
3A»	AUTHORITY MTZ	0.42	LAA	9	0	68	99	99	84	72
B»	ANTHEM MAXX 4.	0.10	LAA	11						
C»	RNDUP POWERMAX	1.125	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
4A»	AUTHOR. ELITE	1.42	LAA	9	0	96	99	92	86	62
B»	ANTHEM MAXX 4.	0.10	LAA	11						
C»	RNDUP POWERMAX	1.125	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
5A»	AUTHOR. ELITE	1.42	LAA	9	0	97	99	91	84	60
B	SENCOR 75WG	0.23	LAA	9						
C»	ANTHEM MAXX 4.	0.10	LAA	11						
D»	RNDUP POWERMAX	1.125	LAA	11						
E»	LIQUID AMS	2.50	PMV	11						
6A»	ANTHEM MAXX 4.	0.13	LAA	9	0	88	99	63	37	27
B»	MARVEL SC 3L	0.17	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	ANTHEM MAXX 4.	0.13	LAA	9	0	93	99	70	52	33
B	SENCOR 75WG	0.23	LAA	9						
C»	MARVEL SC 3L	0.17	LAA	12						
D»	RNDUP POWERMAX	1.125	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
8A»	AUTHORITY MTZ	0.42	LAA	9	0	67	99	96	81	65
B»	MARVEL SC 3L	0.17	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
9A»	TRIVENCE 61.3W	7.25	OMA	0	1	79	98	98	58	57
B	CLASSIC 25WG	0.0177	LAA	9						
C	VALOR 51WG	0.058	LAA	9						
D	SENCOR 75WG	0.202	LAA	9						
E	COBRA 2EC	0.156	LAA	12						
F»	ABUNDIT EXTRA	1.125	LAA	12						
G»	LIQUID AMS	2.50	PMV	12						
10A»	FIERCE 76WG	0.14	LAA	9	10	94	99	98	67	58
B	COBRA 2EC	0.156	LAA	12						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
11A	BOUNDARY 6.5EC	1.22	LAA	9	0	95	99	57	20	13
B»	PREFIX 5.32SL	1.33	LAA	11						
C»	RNDUP POWERMAX	1.125	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
12A»	ROWEL FX 40.3W	3.00	OMA	0	2	60	98	70	50	47
B	CLASSIC 25WG	0.0193	LAA	9						
C»	ROWEL 51WG	0.0563	LAA	9						
D»	WARRANT ULTRA	1.31	LAA	11						
E»	RNDUP POWERMAX	1.125	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/13/16	06/13/16	06/13/16	06/13/16	06/13/16
13A	CHECK	0.00	NA	0	0	0	0	0	0
14A	»BROADAXE XC 7L	1.37	LAA	9	0	93	99	90	75
	B»FLEXSTAR GT 3.	1.23	LAA	12					60
	C»LIQUID AMS	2.50	PMV	12					
		LSD (0.05)			1.5	15.9	1.5	10.1	16.0
		STANDARD DEVIATION			0.7	7.7	0.7	4.9	7.8
									17.1
									8.3

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CREATED: 04/20/2016 **REVISED:** 01/06/2017 **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	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16
1A»	AUTHOR. MAXX 6	0.21	LAA	9	4	99	99	99	95
B»	ANTHEM MAXX 4.	0.10	LAA	11					96
C»	RNDUP POWERMAX	1.125	LAA	11					
D»	LIQUID AMS	2.50	PMV	11					
2A»	AUTHOR. MAXX 6	0.21	LAA	9	6	99	99	99	96
B	SENCOR 75WG	0.23	LAA	9					92
C»	ANTHEM MAXX 4.	0.10	LAA	11					
D»	RNDUP POWERMAX	1.125	LAA	11					
E»	LIQUID AMS	2.50	PMV	11					
3A»	AUTHORITY MTZ	0.42	LAA	9	5	99	96	99	98
B»	ANTHEM MAXX 4.	0.10	LAA	11					90
C»	RNDUP POWERMAX	1.125	LAA	11					
D»	LIQUID AMS	2.50	PMV	11					
4A»	AUTHOR. ELITE	1.42	LAA	9	10	99	99	99	95
B»	ANTHEM MAXX 4.	0.10	LAA	11					96
C»	RNDUP POWERMAX	1.125	LAA	11					
D»	LIQUID AMS	2.50	PMV	11					
5A»	AUTHOR. ELITE	1.42	LAA	9	6	99	99	99	93
B	SENCOR 75WG	0.23	LAA	9					87
C»	ANTHEM MAXX 4.	0.10	LAA	11					
D»	RNDUP POWERMAX	1.125	LAA	11					
E»	LIQUID AMS	2.50	PMV	11					
6A»	ANTHEM MAXX 4.	0.13	LAA	9	20	99	99	99	93
B»	MARVEL SC 3L	0.17	LAA	12					99
C»	RNDUP POWERMAX	1.125	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
7A»	ANTHEM MAXX 4.	0.13	LAA	9	17	99	98	99	92
B	SENCOR 75WG	0.23	LAA	9					99
C»	MARVEL SC 3L	0.17	LAA	12					
D»	RNDUP POWERMAX	1.125	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
8A»	AUTHORITY MTZ	0.42	LAA	9	22	99	99	99	96
B»	MARVEL SC 3L	0.17	LAA	12					98
C»	RNDUP POWERMAX	1.125	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
9A»	TRIVENCE 61.3W	7.25	OMA	0	15	99	99	99	92
B	CLASSIC 25WG	0.0177	LAA	9					96
C	VALOR 51WG	0.058	LAA	9					
D	SENCOR 75WG	0.202	LAA	9					
E	COBRA 2EC	0.156	LAA	12					
F»	ABUNDIT EXTRA	1.125	LAA	12					
G»	LIQUID AMS	2.50	PMV	12					
10A»	FIERCE 76WG	0.14	LAA	9	18	99	99	99	96
B	COBRA 2EC	0.156	LAA	12					99
C»	RNDUP POWERMAX	1.125	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
11A	BOUNDARY 6.5EC	1.22	LAA	9	4	99	99	99	87
B»	PREFIX 5.32SL	1.33	LAA	11					89
C»	RNDUP POWERMAX	1.125	LAA	11					
D»	LIQUID AMS	2.50	PMV	11					
12A»	ROWEL FX 40.3W	3.00	OMA	0	6	99	99	99	83
B	CLASSIC 25WG	0.0193	LAA	9					92
C»	ROWEL 51WG	0.0563	LAA	9					
D»	WARRANT ULTRA	1.31	LAA	11					
E»	RNDUP POWERMAX	1.125	LAA	11					
F»	LIQUID AMS	2.50	PMV	11					

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
		RATE	UNIT		14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16	14 DAT 06/27/16
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	BROADAXE XC 7L	1.37	LAA	9	9	99	99	99	96	99
	B»FLEXSTAR GT 3.	1.23	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			2.7	0.0	2.5	0.0	6.9	5.6
		STANDARD DEVIATION			1.3	0.0	1.2	0.0	3.3	2.7

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CREATED: 04/20/2016 **REVISED:** 01/06/2017 **COMPLETED:** N
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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	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/14/16	07/14/16	07/14/16	07/14/16	07/14/16	07/14/16
1A»	AUTHOR. MAXX 6	0.21	LAA 9	3	99	99	99	91	93
B»	ANTHEM MAXX 4.	0.10	LAA 11						
C»	RNDUP POWERMAX	1.125	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
2A»	AUTHOR. MAXX 6	0.21	LAA 9	4	99	99	99	93	93
B	SENCOR 75WG	0.23	LAA 9						
C»	ANTHEM MAXX 4.	0.10	LAA 11						
D»	RNDUP POWERMAX	1.125	LAA 11						
E»	LIQUID AMS	2.50	PMV 11						
3A»	AUTHORITY MTZ	0.42	LAA 9	5	99	96	99	92	90
B»	ANTHEM MAXX 4.	0.10	LAA 11						
C»	RNDUP POWERMAX	1.125	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
4A»	AUTHOR. ELITE	1.42	LAA 9	5	99	96	99	92	89
B»	ANTHEM MAXX 4.	0.10	LAA 11						
C»	RNDUP POWERMAX	1.125	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
5A»	AUTHOR. ELITE	1.42	LAA 9	3	99	99	99	88	86
B	SENCOR 75WG	0.23	LAA 9						
C»	ANTHEM MAXX 4.	0.10	LAA 11						
D»	RNDUP POWERMAX	1.125	LAA 11						
E»	LIQUID AMS	2.50	PMV 11						
6A»	ANTHEM MAXX 4.	0.13	LAA 9	7	99	98	99	93	97
B»	MARVEL SC 3L	0.17	LAA 12						
C»	RNDUP POWERMAX	1.125	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
7A»	ANTHEM MAXX 4.	0.13	LAA 9	9	99	98	99	91	95
B	SENCOR 75WG	0.23	LAA 9						
C»	MARVEL SC 3L	0.17	LAA 12						
D»	RNDUP POWERMAX	1.125	LAA 12						
E»	LIQUID AMS	2.50	PMV 12						
8A»	AUTHORITY MTZ	0.42	LAA 9	8	99	99	99	96	95
B»	MARVEL SC 3L	0.17	LAA 12						
C»	RNDUP POWERMAX	1.125	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
9A»	TRIVENCE 61.3W	7.25	OMA 0	9	98	99	99	91	93
B	CLASSIC 25WG	0.0177	LAA 9						
C	VALOR 51WG	0.058	LAA 9						
D	SENCOR 75WG	0.202	LAA 9						
E	COBRA 2EC	0.156	LAA 12						
F»	ABUNDIT EXTRA	1.125	LAA 12						
G»	LIQUID AMS	2.50	PMV 12						
10A»	FIERCE 76WG	0.14	LAA 9	4	99	99	99	93	95
B	COBRA 2EC	0.156	LAA 12						
C»	RNDUP POWERMAX	1.125	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
11A	BOUNDARY 6.5EC	1.22	LAA 9	3	99	99	99	78	77
B»	PREFIX 5.32SL	1.33	LAA 11						
C»	RNDUP POWERMAX	1.125	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
12A»	ROWEL FX 40.3W	3.00	OMA 0	3	99	99	99	78	88
B	CLASSIC 25WG	0.0193	LAA 9						
C»	ROWEL 51WG	0.0563	LAA 9						
D»	WARRANT ULTRA	1.31	LAA 11						
E»	RNDUP POWERMAX	1.125	LAA 11						
F»	LIQUID AMS	2.50	PMV 11						

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/14/16	07/14/16	07/14/16	07/14/16	07/14/16
13A	CHECK	0.00	NA	0	0	0	0	0	0
14A»	BROADAXE XC 7L	1.37	LAA	9	9	99	99	96	98
	B»FLEXSTAR GT 3.	1.23	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
		LSD (0.05)			4.8	0.6	3.6	0.0	8.4
		STANDARD DEVIATION			2.3	0.3	1.8	0.0	4.1

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200
CREATED: 04/20/2016 **REVISED:** 01/06/2017 **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		YIELD BU/A 10/11/16
		RATE	UNIT TM	
1A»	AUTHOR. MAXX 6	0.21	LAA 9	65.5
B»	ANTHEM MAXX 4.	0.10	LAA 11	
C»	RNDUP POWERMAX	1.125	LAA 11	
D»	LIQUID AMS	2.50	PMV 11	
2A»	AUTHOR. MAXX 6	0.21	LAA 9	67.9
B	SENCOR 75WG	0.23	LAA 9	
C»	ANTHEM MAXX 4.	0.10	LAA 11	
D»	RNDUP POWERMAX	1.125	LAA 11	
E»	LIQUID AMS	2.50	PMV 11	
3A»	AUTHORITY MTZ	0.42	LAA 9	69.2
B»	ANTHEM MAXX 4.	0.10	LAA 11	
C»	RNDUP POWERMAX	1.125	LAA 11	
D»	LIQUID AMS	2.50	PMV 11	
4A»	AUTHOR. ELITE	1.42	LAA 9	70.5
B»	ANTHEM MAXX 4.	0.10	LAA 11	
C»	RNDUP POWERMAX	1.125	LAA 11	
D»	LIQUID AMS	2.50	PMV 11	
5A»	AUTHOR. ELITE	1.42	LAA 9	76.4
B	SENCOR 75WG	0.23	LAA 9	
C»	ANTHEM MAXX 4.	0.10	LAA 11	
D»	RNDUP POWERMAX	1.125	LAA 11	
E»	LIQUID AMS	2.50	PMV 11	
6A»	ANTHEM MAXX 4.	0.13	LAA 9	63.5
B»	MARVEL SC 3L	0.17	LAA 12	
C»	RNDUP POWERMAX	1.125	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
7A»	ANTHEM MAXX 4.	0.13	LAA 9	65.0
B	SENCOR 75WG	0.23	LAA 9	
C»	MARVEL SC 3L	0.17	LAA 12	
D»	RNDUP POWERMAX	1.125	LAA 12	
E»	LIQUID AMS	2.50	PMV 12	
8A»	AUTHORITY MTZ	0.42	LAA 9	69.9
B»	MARVEL SC 3L	0.17	LAA 12	
C»	RNDUP POWERMAX	1.125	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
9A»	TRIVENCE 61.3W	7.25	OMA 0	64.6
B	CLASSIC 25WG	0.0177	LAA 9	
C	VALOR 51WG	0.058	LAA 9	
D	SENCOR 75WG	0.202	LAA 9	
E	COBRA 2EC	0.156	LAA 12	
F»	ABUNDIT EXTRA	1.125	LAA 12	
G»	LIQUID AMS	2.50	PMV 12	
10A»	FIERCE 76WG	0.14	LAA 9	75.5
B	COBRA 2EC	0.156	LAA 12	
C»	RNDUP POWERMAX	1.125	LAA 12	
D»	LIQUID AMS	2.50	PMV 12	
11A	BOUNDARY 6.5EC	1.22	LAA 9	67.1
B»	PREFIX 5.32SL	1.33	LAA 11	
C»	RNDUP POWERMAX	1.125	LAA 11	
D»	LIQUID AMS	2.50	PMV 11	
12A»	ROWEL FX 40.3W	3.00	OMA 0	68.4
B	CLASSIC 25WG	0.0193	LAA 9	
C»	ROWEL 51WG	0.0563	LAA 9	
D»	WARRANT ULTRA	1.31	LAA 11	
E»	RNDUP POWERMAX	1.125	LAA 11	
F»	LIQUID AMS	2.50	PMV 11	

TITLE: Authority and Anthem Maxx for Weed Control in RR Soybean. AS-200

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	YIELD BU/A 10/11/16
13A CHECK	0.00	NA	0	45.0
14A»BROADAXE XC 7L	1.37	LAA	9	68.0
B»FLEXSTAR GT 3.	1.23	LAA	12	
C»LIQUID AMS	2.50	PMV	12	
	LSD (0.05)			19.23
	STANDARD DEVIATION			9.35

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/19/2016(1)
 11 = --- / EPOST 06/13/2016(2)
 12 = --- / POST 06/18/2016(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/03/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/03/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/03/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/03/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/03/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/03/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/13/2016	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/13/2016	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/13/2016	03	P	AMATA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/13/2016	04	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU	CON %	06/13/2016	05	P	PHBPU	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	06/13/2016	06	P	XANST	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	14 DAT	06/27/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	14 DAT	06/27/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	14 DAT	06/27/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	14 DAT	06/27/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	14 DAT	06/27/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	XANST	14 DAT	06/27/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	GLXMA	CON %	07/14/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	07/14/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMATA	CON %	07/14/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	07/14/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	07/14/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	XANST	CON %	07/14/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	YIELD	BU/A	10/11/2016	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = ASGROW AG3334 RR2

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED