

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %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	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/07/15	06/12/15	AME
AIR TEMPERATURE	82	84	F
% REL.HUMIDITY	41	77	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	13.0	2.0	M/H
CLOUD COVER	PAR.CLOUD	PAR.CLOUD	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
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		---/16	
S38 W4		9.00/9.00	IN
(PLANTED) 05/07/2015		36 DAP	
PEST *			
P, VELVETLEAF		---/15 2.00/6.00	IN
P, WATERHEMP, COMMO		---/19 1.00/5.00	IN
P, LAMBSQUARTERS, C		---/19 1.00/3.00	IN
P, MORNINGGLORY, TA		---/17 1.00/5.00	IN
P, FOXTAIL, GIANT		---/15 2.00/10.0	IN
P, COCKLEBUR, COMMO		---/17 6.00/12.0	IN

*** TIMING CODES**

09 = --- / PREEMERGENCE
12 = --- / POST

*** STAGE CODE**

15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in RR Soybean. AS-100
CREATED: 04/25/2015 **REVISED:** 10/22/2015 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/04/15	SETFA CON % 06/04/15	CHEAL CON % 06/04/15	AMATA CON % 06/04/15	ABUTH CON % 06/04/15	PHBPU CON % 06/04/15
1A»BROADAXE XC 7L	1.09	LAA	9	0	98	99	99	53	73
2A»BROADAXE XC 7L	1.37	LAA	9	0	99	99	99	63	78
3A»BROADAXE XC 7L B CLASSIC 25WG	1.09 0.016	LAA LAA	9 9	0	99	99	99	91	89
4A»BROADAXE XC 7L B CLASSIC 25WG	1.37 0.016	LAA LAA	9 9	0	99	99	99	89	85
5A»VALOR XLT 40WG B CLASSIC 25WG C»VALOR SX 51WDG	3.50 0.023 0.065	OMA LAA LAA	0 9 9	0	73	99	99	92	81
6A»AUTHORITY XL 7	0.197	LAA	9	0	74	99	99	99	88
7A»VALOR XLT 40WG B CLASSIC 25WG C»VALOR SX 51WDG D»RNDUP POWERMAX E»LIQUID AMS	3.50 0.023 0.065 1.125 2.50	OMA LAA LAA LAA PMV	0 9 9 12 12	0	72	99	99	94	84
8A»AUTHORITY XL 7 B»DUAL MAGNUM 7. C»RNDUP POWERMAX D»LIQUID AMS	0.197 1.27 1.125 2.50	LAA LAA LAA PMV	9 9 12 12	0	91	99	99	92	87
9A»BROADAXE XC 7L B»FLEXSTAR GT 3. C»MSO D»LIQUID AMS	1.09 1.23 1.00 2.50	LAA LAA PMV PMV	9 12 12 12	0	97	99	99	55	75
10A»BROADAXE XC 7L B»FLEXSTAR GT 3. C»MSO D»LIQUID AMS	1.37 1.23 1.00 2.50	LAA LAA PMV PMV	9 12 12 12	0	98	99	99	75	81
11A»FIERCE XLT B CLASSIC 25WG C»VALOR SX 51WDG D»ZIDUA 85WG E»RNDUP POWERMAX F»LIQUID AMS	4.00 0.017 0.061 0.078 1.125 2.50	OMA LAA LAA LAA LAA PMV	0 9 9 9 12 12	0	97	99	99	99	92
12A»AUTHOR. MAXX 6 B»RNDUP POWERMAX C»LIQUID AMS	0.25 1.125 2.50	LAA LAA PMV	9 12 12	0	78	99	99	98	93
13A BOUNDARY 6.5EC B»RNDUP POWERMAX C»LIQUID AMS	1.46 1.125 2.50	LAA LAA PMV	9 12 12	0	99	99	99	96	37
14A»SONIC 70DF B»DURANGO 4AE C»LIQUID AMS	0.197 1.00 2.50	LAA LAA PMV	9 12 12	0	58	99	99	95	80
15A»SONIC 70DF B»DURANGO 4AE C»LIQUID AMS	0.2625 1.00 2.50	LAA LAA PMV	9 12 12	0	82	99	99	99	94
16A»SONIC 70DF B FIRSTRATE 84WG C»DURANGO 4AE D»LIQUID AMS	0.131 0.016 1.00 2.50	LAA LAA LAA PMV	9 12 12 12	0	70	70	99	99	66

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TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/04/15	06/04/15	06/04/15	06/04/15	06/04/15	06/04/15
17A»	SURVEIL 48WG	0.084	LAA 9	0	81	99	99	99	89
	B»DURANGO 4AE	1.00	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
18A»	SURVEIL 48WG	0.126	LAA 9	0	83	99	99	96	93
	B»DURANGO 4AE	1.00	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
19A»	ENLITE 47.86WG	3.00	OMA 0	0	72	99	99	99	80
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
20A»	ENLITE 47.86WG	3.00	OMA 0	0	67	99	99	97	79
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F CINCH	0.96	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
21A»	ENLITE 47.86WG	3.00	OMA 0	0	65	99	99	87	73
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F CINCH	0.96	LAA 12						
	G COBRA 2EC	0.125	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
22A	CANOPY 75WG	0.105	LAA 9	0	97	99	99	88	40
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
23A	CANOPY 75WG	0.105	LAA 9	0	97	99	99	99	37
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D CINCH	0.96	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
24A	CANOPY 75WG	0.105	LAA 9	0	98	99	99	99	43
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D CINCH	0.96	LAA 12						
	E COBRA 2EC	0.125	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
25A	CHECK	0.00	NA 0	0	0	0	0	0	0
26A»	RNDUP POWERMAX	1.125	LAA 12	0	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV 12						
27A»	AUTHOR. MAXX 6	0.21	LAA 9	0	73	99	99	77	89
	B»MARVEL SC 3L	0.17	LAA 12						
	C»RNDUP POWERMAX	1.125	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
28A»	OPTILL 68WG	0.085	LAA 9	0	99	99	99	99	98
	B»ZIDUA 85WG	0.106	LAA 9						
	C»RNDUP POWERMAX	1.125	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.00	10.09	8.00	0.00	9.50	10.00
STANDARD DEVIATION				0.00	5.00	4.00	0.00	4.75	5.00

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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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/04/15	GLXMA CON % 06/22/15	SETFA CON % 06/22/15	CHEAL CON % 06/22/15	AMATA CON % 06/22/15	ABUTH CON % 06/22/15
1A»BROADAXE XC 7L	1.09	LAA	9	65	0	91	99	99	53
2A»BROADAXE XC 7L	1.37	LAA	9	67	0	94	99	99	63
3A»BROADAXE XC 7L	1.09	LAA	9	80	0	89	99	99	97
B CLASSIC 25WG	0.016	LAA	9						
4A»BROADAXE XC 7L	1.37	LAA	9	74	0	61	99	99	91
B CLASSIC 25WG	0.016	LAA	9						
5A»VALOR XLT 40WG	3.50	OMA	0	70	0	68	99	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
6A»AUTHORITY XL 7	0.197	LAA	9	82	0	50	99	99	99
7A»VALOR XLT 40WG	3.50	OMA	0	78	0	99	99	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»LIQUID AMS	2.50	PMV	12						
8A»AUTHORITY XL 7	0.197	LAA	9	85	0	99	99	99	99
B»DUAL MAGNUM 7.	1.27	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
9A»BROADAXE XC 7L	1.09	LAA	9	67	0	99	99	99	99
B»FLEXSTAR GT 3.	1.23	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
10A»BROADAXE XC 7L	1.37	LAA	9	73	1	99	99	99	99
B»FLEXSTAR GT 3.	1.23	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
11A»FIERCE XLT	4.00	OMA	0	91	0	99	99	99	99
B CLASSIC 25WG	0.017	LAA	9						
C»VALOR SX 51WDG	0.061	LAA	9						
D»ZIDUA 85WG	0.078	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
12A»AUTHOR. MAXX 6	0.25	LAA	9	91	0	99	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
13A BOUNDARY 6.5EC	1.46	LAA	9	50	0	99	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
14A»SONIC 70DF	0.197	LAA	9	73	0	96	99	99	99
B»DURANGO 4AE	1.00	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
15A»SONIC 70DF	0.2625	LAA	9	88	0	99	99	99	99
B»DURANGO 4AE	1.00	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
16A»SONIC 70DF	0.131	LAA	9	73	0	99	99	99	99
B FIRSTRATE 84WG	0.016	LAA	12						
C»DURANGO 4AE	1.00	LAA	12						
D»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in RR Soybean. AS-100

TRT	TREATMENT	DOSAGE		SETFA	GLXMA	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/04/15	06/22/15	06/22/15	06/22/15	06/22/15	06/22/15
17A»	SURVEIL 48WG	0.084	LAA 9	85	0	98	99	99	99
	B»DURANGO 4AE	1.00	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
18A»	SURVEIL 48WG	0.126	LAA 9	91	0	98	99	99	99
	B»DURANGO 4AE	1.00	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
19A»	ENLITE 47.86WG	3.00	OMA 0	67	0	97	99	99	99
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
20A»	ENLITE 47.86WG	3.00	OMA 0	72	0	99	99	99	99
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F CINCH	0.96	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
21A»	ENLITE 47.86WG	3.00	OMA 0	67	16	99	99	99	99
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F CINCH	0.96	LAA 12						
	G COBRA 2EC	0.125	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
22A	CANOPY 75WG	0.105	LAA 9	40	0	99	99	99	96
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
23A	CANOPY 75WG	0.105	LAA 9	40	0	99	99	99	99
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D CINCH	0.96	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
24A	CANOPY 75WG	0.105	LAA 9	43	11	99	99	99	99
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D CINCH	0.96	LAA 12						
	E COBRA 2EC	0.125	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
25A	CHECK	0.00	NA 0	0	0	0	0	0	0
26A»	RNDUP POWERMAX	1.125	LAA 12	C	0	94	99	99	89
	B»LIQUID AMS	2.50	PMV 12						
27A»	AUTHOR. MAXX 6	0.21	LAA 9	85	0	99	99	99	99
	B»MARVEL SC 3L	0.17	LAA 12						
	C»RNDUP POWERMAX	1.125	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
28A»	OPTILL 68WG	0.085	LAA 9	99	0	99	99	99	99
	B»ZIDUA 85WG	0.106	LAA 9						
	C»RNDUP POWERMAX	1.125	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				9.21	1.36	16.95	0.00	0.00	4.36
STANDARD DEVIATION				4.60	0.682	8.47	0.00	0.00	2.18

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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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 06/22/15	PHBPU CON % 06/22/15	GLXMA CON % 07/10/15	SETFA CON % 07/10/15	CHEAL CON % 07/10/15	AMATA CON % 07/10/15
1A»BROADAXE XC 7L	1.09	LAA	9	65	50	0	89	99	99
2A»BROADAXE XC 7L	1.37	LAA	9	73	50	0	60	99	99
3A»BROADAXE XC 7L	1.09	LAA	9	77	65	0	90	99	99
B CLASSIC 25WG	0.016	LAA	9						
4A»BROADAXE XC 7L	1.37	LAA	9	58	62	0	90	99	99
B CLASSIC 25WG	0.016	LAA	9						
5A»VALOR XLT 40WG	3.50	OMA	0	78	63	0	63	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
6A»AUTHORITY XL 7	0.197	LAA	9	83	58	0	48	99	99
7A»VALOR XLT 40WG	3.50	OMA	0	96	99	0	99	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»LIQUID AMS	2.50	PMV	12						
8A»AUTHORITY XL 7	0.197	LAA	9	95	99	0	99	99	99
B»DUAL MAGNUM 7.	1.27	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
9A»BROADAXE XC 7L	1.09	LAA	9	97	99	0	99	99	99
B»FLEXSTAR GT 3.	1.23	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
10A»BROADAXE XC 7L	1.37	LAA	9	97	99	0	99	99	99
B»FLEXSTAR GT 3.	1.23	LAA	12						
C»MSO	1.00	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
11A»FIERCE XLT	4.00	OMA	0	95	99	0	99	99	99
B CLASSIC 25WG	0.017	LAA	9						
C»VALOR SX 51WDG	0.061	LAA	9						
D»ZIDUA 85WG	0.078	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
12A»AUTHOR. MAXX 6	0.25	LAA	9	98	99	0	96	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
13A BOUNDARY 6.5EC	1.46	LAA	9	47	97	2	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
14A»SONIC 70DF	0.197	LAA	9	95	99	0	96	99	98
B»DURANGO 4AE	1.00	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
15A»SONIC 70DF	0.2625	LAA	9	98	99	0	96	99	99
B»DURANGO 4AE	1.00	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
16A»SONIC 70DF	0.131	LAA	9	96	99	0	93	99	99
B FIRSTRATE 84WG	0.016	LAA	12						
C»DURANGO 4AE	1.00	LAA	12						
D»LIQUID AMS	2.50	PMV	12						

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TRT	TREATMENT	DOSAGE		PHBPU	PHBPU	GLXMA	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/22/15	06/22/15	07/10/15	07/10/15	07/10/15	07/10/15
17A»	SURVEIL 48WG	0.084	LAA 9	92	99	0	96	99	99
	B»DURANGO 4AE	1.00	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
18A»	SURVEIL 48WG	0.126	LAA 9	97	99	0	93	99	99
	B»DURANGO 4AE	1.00	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
19A»	ENLITE 47.86WG	3.00	OMA 0	89	99	0	91	99	99
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
20A»	ENLITE 47.86WG	3.00	OMA 0	89	99	0	99	99	99
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F CINCH	0.96	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
21A»	ENLITE 47.86WG	3.00	OMA 0	88	99	7	99	99	99
	B CLASSIC 25WG	0.0054	LAA 9						
	C»HARMONY GT 50W	0.0165	LAA 9						
	D»VALOR SX 51WDG	0.0678	LAA 9						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F CINCH	0.96	LAA 12						
	G COBRA 2EC	0.125	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
22A	CANOPY 75WG	0.105	LAA 9	57	94	0	97	99	99
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
23A	CANOPY 75WG	0.105	LAA 9	67	99	0	99	99	99
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D CINCH	0.96	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
24A	CANOPY 75WG	0.105	LAA 9	77	99	5	99	99	99
	B CINCH	0.96	LAA 9						
	C»ABUNDIT EXTRA	0.75	LAA 12						
	D CINCH	0.96	LAA 12						
	E COBRA 2EC	0.125	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
25A	CHECK	0.00	NA 0	0	0	0	0	0	0
26A»	RNDUP POWERMAX	1.125	LAA 12	40	96	9	93	99	93
	B»LIQUID AMS	2.50	PMV 12						
27A»	AUTHOR. MAXX 6	0.21	LAA 9	97	99	0	99	99	99
	B»MARVEL SC 3L	0.17	LAA 12						
	C»RNDUP POWERMAX	1.125	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
28A»	OPTILL 68WG	0.085	LAA 9	98	99	0	99	99	99
	B»ZIDUA 85WG	0.106	LAA 9						
	C»RNDUP POWERMAX	1.125	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				14.92	5.12	2.00	18.62	0.00	1.07
STANDARD DEVIATION				7.46	2.56	1.00	9.31	0.00	0.535

TITLE: Weed Control Systems in RR Soybean. AS-100
CREATED: 04/25/2015 **REVISED:** 10/22/2015 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	ABUTH CON % 07/10/15	PHBPU CON % 07/10/15	XANST CON % 07/10/15	YIELD BU/A 10/07/15
1A»BROADAXE XC 7L	1.09	LAA	9	57	68	60	46.1
2A»BROADAXE XC 7L	1.37	LAA	9	79	72	50	56.9
3A»BROADAXE XC 7L	1.09	LAA	9	86	82	82	60.4
B CLASSIC 25WG	0.016	LAA	9				
4A»BROADAXE XC 7L	1.37	LAA	9	88	78	74	70.3
B CLASSIC 25WG	0.016	LAA	9				
5A»VALOR XLT 40WG	3.50	OMA	0	99	73	67	65.9
B CLASSIC 25WG	0.023	LAA	9				
C»VALOR SX 51WDG	0.065	LAA	9				
6A»AUTHORITY XL 7	0.197	LAA	9	99	78	63	66.3
7A»VALOR XLT 40WG	3.50	OMA	0	99	92	98	62.2
B CLASSIC 25WG	0.023	LAA	9				
C»VALOR SX 51WDG	0.065	LAA	9				
D»RNDUP POWERMAX	1.125	LAA	12				
E»LIQUID AMS	2.50	PMV	12				
8A»AUTHORITY XL 7	0.197	LAA	9	99	96	99	68.2
B»DUAL MAGNUM 7.	1.27	LAA	9				
C»RNDUP POWERMAX	1.125	LAA	12				
D»LIQUID AMS	2.50	PMV	12				
9A»BROADAXE XC 7L	1.09	LAA	9	99	94	98	69.0
B»FLEXSTAR GT 3.	1.23	LAA	12				
C»MSO	1.00	PMV	12				
D»LIQUID AMS	2.50	PMV	12				
10A»BROADAXE XC 7L	1.37	LAA	9	99	94	98	66.2
B»FLEXSTAR GT 3.	1.23	LAA	12				
C»MSO	1.00	PMV	12				
D»LIQUID AMS	2.50	PMV	12				
11A»FIERCE XLT	4.00	OMA	0	99	95	99	61.1
B CLASSIC 25WG	0.017	LAA	9				
C»VALOR SX 51WDG	0.061	LAA	9				
D»ZIDUA 85WG	0.078	LAA	9				
E»RNDUP POWERMAX	1.125	LAA	12				
F»LIQUID AMS	2.50	PMV	12				
12A»AUTHOR. MAXX 6	0.25	LAA	9	99	98	99	54.5
B»RNDUP POWERMAX	1.125	LAA	12				
C»LIQUID AMS	2.50	PMV	12				
13A BOUNDARY 6.5EC	1.46	LAA	9	99	40	97	49.5
B»RNDUP POWERMAX	1.125	LAA	12				
C»LIQUID AMS	2.50	PMV	12				
14A»SONIC 70DF	0.197	LAA	9	99	92	98	67.7
B»DURANGO 4AE	1.00	LAA	12				
C»LIQUID AMS	2.50	PMV	12				
15A»SONIC 70DF	0.2625	LAA	9	99	97	97	68.3
B»DURANGO 4AE	1.00	LAA	12				
C»LIQUID AMS	2.50	PMV	12				
16A»SONIC 70DF	0.131	LAA	9	99	94	99	70.3
B FIRSTRATE 84WG	0.016	LAA	12				
C»DURANGO 4AE	1.00	LAA	12				
D»LIQUID AMS	2.50	PMV	12				

TITLE: Weed Control Systems in RR Soybean. AS-100

TRT	TREATMENT	DOSAGE	ABUTH	PHBPU	XANST	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %
			TM	07/10/15	07/10/15	07/10/15
						10/07/15
17A»	SURVEIL 48WG	0.084	LAA 9	99	90	97
	B»DURANGO 4AE	1.00	LAA 12			
	C»LIQUID AMS	2.50	PMV 12			
18A»	SURVEIL 48WG	0.126	LAA 9	99	95	98
	B»DURANGO 4AE	1.00	LAA 12			
	C»LIQUID AMS	2.50	PMV 12			
19A»	ENLITE 47.86WG	3.00	OMA 0	99	87	94
	B CLASSIC 25WG	0.0054	LAA 9			
	C»HARMONY GT 50W	0.0165	LAA 9			
	D»VALOR SX 51WDG	0.0678	LAA 9			
	E»ABUNDIT EXTRA	0.75	LAA 12			
	F»LIQUID AMS	2.50	PMV 12			
20A»	ENLITE 47.86WG	3.00	OMA 0	99	90	98
	B CLASSIC 25WG	0.0054	LAA 9			
	C»HARMONY GT 50W	0.0165	LAA 9			
	D»VALOR SX 51WDG	0.0678	LAA 9			
	E»ABUNDIT EXTRA	0.75	LAA 12			
	F CINCH	0.96	LAA 12			
	G»LIQUID AMS	2.50	PMV 12			
21A»	ENLITE 47.86WG	3.00	OMA 0	99	84	98
	B CLASSIC 25WG	0.0054	LAA 9			
	C»HARMONY GT 50W	0.0165	LAA 9			
	D»VALOR SX 51WDG	0.0678	LAA 9			
	E»ABUNDIT EXTRA	0.75	LAA 12			
	F CINCH	0.96	LAA 12			
	G COBRA 2EC	0.125	LAA 12			
	H»LIQUID AMS	2.50	PMV 12			
22A	CANOPY 75WG	0.105	LAA 9	99	50	92
	B CINCH	0.96	LAA 9			
	C»ABUNDIT EXTRA	0.75	LAA 12			
	D»LIQUID AMS	2.50	PMV 12			
23A	CANOPY 75WG	0.105	LAA 9	99	73	92
	B CINCH	0.96	LAA 9			
	C»ABUNDIT EXTRA	0.75	LAA 12			
	D CINCH	0.96	LAA 12			
	E»LIQUID AMS	2.50	PMV 12			
24A	CANOPY 75WG	0.105	LAA 9	99	70	94
	B CINCH	0.96	LAA 9			
	C»ABUNDIT EXTRA	0.75	LAA 12			
	D CINCH	0.96	LAA 12			
	E COBRA 2EC	0.125	LAA 12			
	F»LIQUID AMS	2.50	PMV 12			
25A	CHECK	0.00	NA 0	0	0	0
26A»	RNDUP POWERMAX	1.125	LAA 12	99	40	93
	B»LIQUID AMS	2.50	PMV 12			
27A»	AUTHOR. MAXX 6	0.21	LAA 9	99	96	99
	B»MARVEL SC 3L	0.17	LAA 12			
	C»RNDUP POWERMAX	1.125	LAA 12			
	D»LIQUID AMS	2.50	PMV 12			
28A»	OPTILL 68WG	0.085	LAA 9	99	98	98
	B»ZIDUA 85WG	0.106	LAA 9			
	C»RNDUP POWERMAX	1.125	LAA 12			
	D»LIQUID AMS	2.50	PMV 12			
LSD (0.05)				7.45	8.00	14.62
STANDARD DEVIATION				3.72	4.00	7.31
						14.36
						7.18

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = --- / UNTREATED TIMING

09 = --- / PREEMERGENCE 05/07/2015(1)

* TIMING CODES

12 = --- / POST 06/12/2015(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 %	06/04/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/04/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/04/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/04/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/04/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/04/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/04/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/22/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/22/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/22/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/22/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/22/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/22/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/22/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/10/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/10/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/10/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/10/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/10/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/10/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	07/10/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/07/2015	01	P	GLXMA		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = S38 W4