

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	06/18/16	06/21/16	AME
TIME - BEGIN	14:00	07:00	11:00	24H
TIME - END	15:00	07:30	11:15	24H
AIR TEMPERATURE	71	70	79	F
% REL.HUMIDITY	25	94	44	
WIND DIRECTION	SOUTH	NORTH	NORTHWEST	
WIND SPEED	5.0	4.0	6.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	PAR.CLOUD	
DEW	NO	YES	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	76/4.00	82/4.00	F/IN
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	SPRAY/MOT	SPRAY/MOT	
PROPELLANT	COMPRESSE	PUMP	PUMP	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE VOLUME	0.00			GPM
NOZZLE NUMBER	5			
NOZZLE SPACING	18.000			IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5			FT
BOOM HEIGHT	20.0			IN
SPEED	3.00			M/H
MIX SIZE	0.330			
MIX SIZE UNIT	GAL			
SPRAY VOLUME	20.00			
SPRAY VOLUME UNIT	GPA			
PRESSURE	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 AG3334RR2 (PLANTED) 05/19/2016		---/15 6.00/8.00 30 DAP	---/16 8.00/10.0 33 DAP	IN
PEST *				
P, velvetleaf;velve		---/14 2.00/4.00	---/15 2.00/4.00	IN
P, tall amaranth;co		---/18 1.00/6.00	---/19 3.00/6.00	IN
P, common morning g		---/14 2.00/4.00	---/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		---/14 2.00/8.00	---/14 2.00/6.00	IN
P, beach cocklebur;		---/13 2.00/4.00	---/14 2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200
CREATED: 04/15/2016 **REVISED:** 09/08/2016 **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 7 DAT 05/27/16	GLXMA 14 DAT 06/03/16	SETFA 14 DAT 06/03/16	AMATA 14 DAT 06/03/16	ABUTH 14 DAT 06/03/16	PHBPU 14 DAT 06/03/16
1A»WARRANT ULTRA	1.35	LAA	9	0	0	75	99	43	45
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
2A»PREFIX 5.32SL	1.32	LAA	9	0	0	89	99	27	47
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
3A»ROWEL FX 40.3W	3.20	OMA	0	0	20	25	99	43	47
B CLASSIC 25WG	0.0204	LAA	9						
C»VALOR SX 51WDG	0.0596	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»WARRANT ULTRA	1.13	LAA	12						
4A»FIERCE XLT	4.10	OMA	0	0	35	88	99	48	58
B CLASSIC 25WG	0.0171	LAA	9						
C»VALOR SX 51WDG	0.063	LAA	9						
D»ZIDUA 85WG	0.08	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»WARRANT ULTRA	1.13	LAA	12						
5A»WARRANT 3L	1.125	LAA	9	0	50	50	99	43	33
B»TRICOR 75DF	0.25	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»WARRANT ULTRA	1.13	LAA	12						
6A BOUNDARY 6.5EC	1.30	LAA	9	0	0	76	99	45	30
B»FLEXSTAR GT 3.	1.23	LAA	12						
7A»AUTHORITY MTZ	0.42	LAA	9	0	8	57	99	47	73
B»ANTHEM MAXX 4.	0.10	LAA	12						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
8A»WARRANT ULTRA	1.35	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
9A»PREFIX 5.32SL	1.32	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
10A»FLEXSTAR GT 3.	1.23	LAA	11	C	C	C	C	C	C
B DUAL II MAGNUM	1.08	LAA	11						
11A»WARRANT ULTRA	1.35	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
12A»PREFIX 5.32SL	1.32	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
13A»FLEXSTAR GT 3.	1.23	LAA	11	C	C	C	C	C	C
B»MSO	0.50	PMV	11						
14A CHECK	0.00	NA	0	C	C	C	C	C	C
15A»WARRANT ULTRA	1.35	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
16A»PREFIX 5.32SL	1.32	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
17A»FLEXSTAR GT 3.	1.23	LAA	11	C	C	C	C	C	C
B»SUPERB HC	0.50	PMV	11						

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		GLXMA	GLXMA	SETFA	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	7 DAT	14 DAT	14 DAT	14 DAT	14 DAT	14 DAT
				05/27/16	06/03/16	06/03/16	06/03/16	06/03/16	06/03/16
18A»	WARRANT ULTRA	1.35	LAA 11	C	C	C	C	C	C
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
19A»	PREFIX 5.32SL	1.32	LAA 11	C	C	C	C	C	C
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
20A»	FLEXSTAR GT 3.	1.23	LAA 11	C	C	C	C	C	C
	B»ACTIVATOR 90	0.25	PMV 11						
		LSD (0.05)		0.0	5.0	16.8	0.0	10.1	6.4
		STANDARD DEVIATION		0.0	2.5	8.3	0.0	5.0	3.2

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

CREATED: 04/15/2016 REVISED: 09/08/2016

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	XANST 14 DAT 06/03/16	GLXMA 28 DAT 06/17/16	SETFA 28 DAT 06/17/16	AMATA 28 DAT 06/17/16	ABUTH 28 DAT 06/17/16	PHBPU 28 DAT 06/17/16
1A»WARRANT ULTRA	1.35	LAA	9	25	0	82	99	86	37
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
2A»PREFIX 5.32SL	1.32	LAA	9	28	0	83	99	60	37
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
3A»ROWEL FX 40.3W	3.20	OMA	0	28	2	30	99	60	47
B CLASSIC 25WG	0.0204	LAA	9						
C»VALOR SX 51WDG	0.0596	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»WARRANT ULTRA	1.13	LAA	12						
4A»FIERCE XLT	4.10	OMA	0	33	13	91	99	99	48
B CLASSIC 25WG	0.0171	LAA	9						
C»VALOR SX 51WDG	0.063	LAA	9						
D»ZIDUA 85WG	0.08	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»WARRANT ULTRA	1.13	LAA	12						
5A»WARRANT 3L	1.125	LAA	9	32	0	50	99	83	23
B»TRICOR 75DF	0.25	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»WARRANT ULTRA	1.13	LAA	12						
6A BOUNDARY 6.5EC	1.30	LAA	9	28	0	93	99	80	23
B»FLEXSTAR GT 3.	1.23	LAA	12						
7A»AUTHORITY MTZ	0.42	LAA	9	38	0	53	99	96	68
B»ANTHEM MAXX 4.	0.10	LAA	12						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
8A»WARRANT ULTRA	1.35	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
9A»PREFIX 5.32SL	1.32	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
10A»FLEXSTAR GT 3.	1.23	LAA	11	C	C	C	C	C	C
B DUAL II MAGNUM	1.08	LAA	11						
11A»WARRANT ULTRA	1.35	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
12A»PREFIX 5.32SL	1.32	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
13A»FLEXSTAR GT 3.	1.23	LAA	11	C	C	C	C	C	C
B»MSO	0.50	PMV	11						
14A CHECK	0.00	NA	0	C	C	C	C	C	C
15A»WARRANT ULTRA	1.35	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
16A»PREFIX 5.32SL	1.32	LAA	11	C	C	C	C	C	C
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
17A»FLEXSTAR GT 3.	1.23	LAA	11	C	C	C	C	C	C
B»SUPERB HC	0.50	PMV	11						

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	14 DAT	28 DAT	28 DAT	28 DAT	28 DAT	28 DAT
				06/03/16	06/17/16	06/17/16	06/17/16	06/17/16	06/17/16
18A»	WARRANT ULTRA	1.35	LAA 11	C	C	C	C	C	C
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
19A»	PREFIX 5.32SL	1.32	LAA 11	C	C	C	C	C	C
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
20A»	FLEXSTAR GT 3.	1.23	LAA 11	C	C	C	C	C	C
	B»ACTIVATOR 90	0.25	PMV 11						
		LSD (0.05)		11.4	4.7	14.5	0.0	16.8	12.0
		STANDARD DEVIATION		5.7	2.3	7.2	0.0	8.3	5.9

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200
CREATED: 04/15/2016 **REVISED:** 09/08/2016 **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	XANST 28 DAT 06/17/16	GLXMA 7 DAT 06/25/16	SETFA 7 DAT 06/25/16	AMATA 7 DAT 06/25/16	ABUTH 7 DAT 06/25/16	PHBPU 7 DAT 06/25/16
1A»WARRANT ULTRA	1.35	LAA	9	20	2	99	99	83	83
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
2A»PREFIX 5.32SL	1.32	LAA	9	20	6	99	96	99	83
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
3A»ROWEL FX 40.3W	3.20	OMA	0	30	5	98	99	99	87
B CLASSIC 25WG	0.0204	LAA	9						
C»VALOR SX 51WDG	0.0596	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»WARRANT ULTRA	1.13	LAA	12						
4A»FIERCE XLT	4.10	OMA	0	20	6	99	99	99	87
B CLASSIC 25WG	0.0171	LAA	9						
C»VALOR SX 51WDG	0.063	LAA	9						
D»ZIDUA 85WG	0.08	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»WARRANT ULTRA	1.13	LAA	12						
5A»WARRANT 3L	1.125	LAA	9	27	7	99	96	99	80
B»TRICOR 75DF	0.25	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»WARRANT ULTRA	1.13	LAA	12						
6A BOUNDARY 6.5EC	1.30	LAA	9	13	18	99	94	99	80
B»FLEXSTAR GT 3.	1.23	LAA	12						
7A»AUTHORITY MTZ	0.42	LAA	9	37	17	99	98	99	96
B»ANTHEM MAXX 4.	0.10	LAA	12						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
8A»WARRANT ULTRA	1.35	LAA	11	C	5	99	99	99	87
B»RNDUP POWERMAX	1.125	LAA	11						
9A»PREFIX 5.32SL	1.32	LAA	11	C	22	99	95	99	88
B»RNDUP POWERMAX	1.125	LAA	11						
10A»FLEXSTAR GT 3.	1.23	LAA	11	C	20	99	98	99	93
B DUAL II MAGNUM	1.08	LAA	11						
11A»WARRANT ULTRA	1.35	LAA	11	C	23	99	83	89	90
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
12A»PREFIX 5.32SL	1.32	LAA	11	C	28	99	83	95	92
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
13A»FLEXSTAR GT 3.	1.23	LAA	11	C	22	99	94	99	93
B»MSO	0.50	PMV	11						
14A CHECK	0.00	NA	0	C	0	0	0	0	0
15A»WARRANT ULTRA	1.35	LAA	11	C	17	99	88	99	90
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
16A»PREFIX 5.32SL	1.32	LAA	11	C	17	99	93	99	92
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
17A»FLEXSTAR GT 3.	1.23	LAA	11	C	22	99	99	99	88
B»SUPERB HC	0.50	PMV	11						

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	28 DAT	7 DAT	7 DAT	7 DAT	7 DAT	7 DAT
				06/17/16	06/25/16	06/25/16	06/25/16	06/25/16	06/25/16
18A»	WARRANT ULTRA	1.35	LAA 11	C	12	99	98	99	88
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
19A»	PREFIX 5.32SL	1.32	LAA 11	C	22	99	96	99	95
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
20A»	FLEXSTAR GT 3.	1.23	LAA 11	C	17	99	96	99	91
	B»ACTIVATOR 90	0.25	PMV 11						
		LSD (0.05)		12.8	4.4	0.4	8.2	11.9	7.7
		STANDARD DEVIATION		6.3	2.2	0.2	4.1	5.9	3.8

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200
CREATED: 04/15/2016 **REVISED:** 09/08/2016 **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	XANST 7 DAT 06/25/16	GLXMA 14 DAT 07/02/16	SETFA 14 DAT 07/02/16	AMATA 14 DAT 07/02/16	ABUTH 14 DAT 07/02/16	PHBPU 14 DAT 07/02/16
1A»WARRANT ULTRA	1.35	LAA	9	66	2	98	98	89	75
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
2A»PREFIX 5.32SL	1.32	LAA	9	99	4	99	95	99	80
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
3A»ROWEL FX 40.3W	3.20	OMA	0	95	3	98	99	99	82
B CLASSIC 25WG	0.0204	LAA	9						
C»VALOR SX 51WDG	0.0596	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»WARRANT ULTRA	1.13	LAA	12						
4A»FIERCE XLT	4.10	OMA	0	96	4	99	99	99	82
B CLASSIC 25WG	0.0171	LAA	9						
C»VALOR SX 51WDG	0.063	LAA	9						
D»ZIDUA 85WG	0.08	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»WARRANT ULTRA	1.13	LAA	12						
5A»WARRANT 3L	1.125	LAA	9	99	5	99	94	99	72
B»TRICOR 75DF	0.25	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»WARRANT ULTRA	1.13	LAA	12						
6A BOUNDARY 6.5EC	1.30	LAA	9	92	12	99	93	99	77
B»FLEXSTAR GT 3.	1.23	LAA	12						
7A»AUTHORITY MTZ	0.42	LAA	9	99	12	99	98	99	95
B»ANTHEM MAXX 4.	0.10	LAA	12						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
8A»WARRANT ULTRA	1.35	LAA	11	96	6	99	96	99	82
B»RNDUP POWERMAX	1.125	LAA	11						
9A»PREFIX 5.32SL	1.32	LAA	11	98	17	99	93	98	85
B»RNDUP POWERMAX	1.125	LAA	11						
10A»FLEXSTAR GT 3.	1.23	LAA	11	99	11	99	97	99	93
B DUAL II MAGNUM	1.08	LAA	11						
11A»WARRANT ULTRA	1.35	LAA	11	98	17	99	83	93	82
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
12A»PREFIX 5.32SL	1.32	LAA	11	96	22	99	83	96	88
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
13A»FLEXSTAR GT 3.	1.23	LAA	11	99	13	99	93	99	91
B»MSO	0.50	PMV	11						
14A CHECK	0.00	NA	0	0	0	0	0	0	0
15A»WARRANT ULTRA	1.35	LAA	11	98	12	99	88	99	88
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
16A»PREFIX 5.32SL	1.32	LAA	11	91	12	99	90	99	88
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
17A»FLEXSTAR GT 3.	1.23	LAA	11	99	12	98	95	99	85
B»SUPERB HC	0.50	PMV	11						

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	7 DAT 06/25/16	14 DAT 07/02/16	14 DAT 07/02/16	14 DAT 07/02/16	14 DAT 07/02/16	14 DAT 07/02/16
18A»	WARRANT ULTRA	1.35	LAA 11	99	12	99	96	99	85
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
19A»	PREFIX 5.32SL	1.32	LAA 11	98	13	99	94	96	91
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
20A»	FLEXSTAR GT 3.	1.23	LAA 11	99	9	99	96	99	89
	B»ACTIVATOR 90	0.25	PMV 11						
		LSD (0.05)		18.3	4.4	0.8	8.9	7.7	9.8
		STANDARD DEVIATION		9.0	2.2	0.4	4.4	3.8	4.8

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200
CREATED: 04/15/2016 **REVISED:** 09/08/2016 **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	XANST 14 DAT 07/02/16	GLXMA 28 DAT 07/16/16	SETFA 28 DAT 07/16/16	AMATA 28 DAT 07/16/16	ABUTH 28 DAT 07/16/16	PHBPU 28 DAT 07/16/16
1A»WARRANT ULTRA	1.35	LAA	9	72	3	96	96	89	76
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
2A»PREFIX 5.32SL	1.32	LAA	9	96	1	99	91	99	78
B»RNDUP POWERMAX	1.125	LAA	12						
C»WARRANT 3L	1.125	LAA	12						
3A»ROWEL FX 40.3W	3.20	OMA	0	94	4	99	99	99	78
B CLASSIC 25WG	0.0204	LAA	9						
C»VALOR SX 51WDG	0.0596	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»WARRANT ULTRA	1.13	LAA	12						
4A»FIERCE XLT	4.10	OMA	0	92	6	99	99	99	78
B CLASSIC 25WG	0.0171	LAA	9						
C»VALOR SX 51WDG	0.063	LAA	9						
D»ZIDUA 85WG	0.08	LAA	9						
E»RNDUP POWERMAX	1.125	LAA	12						
F»WARRANT ULTRA	1.13	LAA	12						
5A»WARRANT 3L	1.125	LAA	9	97	7	99	89	99	57
B»TRICOR 75DF	0.25	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»WARRANT ULTRA	1.13	LAA	12						
6A BOUNDARY 6.5EC	1.30	LAA	9	93	7	99	91	99	73
B»FLEXSTAR GT 3.	1.23	LAA	12						
7A»AUTHORITY MTZ	0.42	LAA	9	98	6	99	96	99	92
B»ANTHEM MAXX 4.	0.10	LAA	12						
C»RNDUP POWERMAX	1.125	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
8A»WARRANT ULTRA	1.35	LAA	11	95	10	99	91	99	72
B»RNDUP POWERMAX	1.125	LAA	11						
9A»PREFIX 5.32SL	1.32	LAA	11	98	10	99	88	96	77
B»RNDUP POWERMAX	1.125	LAA	11						
10A»FLEXSTAR GT 3.	1.23	LAA	11	98	7	98	91	99	87
B DUAL II MAGNUM	1.08	LAA	11						
11A»WARRANT ULTRA	1.35	LAA	11	96	13	99	87	93	68
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
12A»PREFIX 5.32SL	1.32	LAA	11	96	12	99	78	96	80
B»RNDUP POWERMAX	1.125	LAA	11						
C»MSO	0.50	PMV	11						
13A»FLEXSTAR GT 3.	1.23	LAA	11	98	7	99	88	99	88
B»MSO	0.50	PMV	11						
14A CHECK	0.00	NA	0	0	0	0	0	0	0
15A»WARRANT ULTRA	1.35	LAA	11	96	10	98	83	99	85
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
16A»PREFIX 5.32SL	1.32	LAA	11	89	8	99	83	99	83
B»RNDUP POWERMAX	1.125	LAA	11						
C»SUPERB HC	0.50	PMV	11						
17A»FLEXSTAR GT 3.	1.23	LAA	11	96	9	98	93	99	87
B»SUPERB HC	0.50	PMV	11						

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	14 DAT 07/02/16	28 DAT 07/16/16	28 DAT 07/16/16	28 DAT 07/16/16	28 DAT 07/16/16	28 DAT 07/16/16
18A»	WARRANT ULTRA	1.35	LAA 11	96	15	99	91	99	83
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
19A»	PREFIX 5.32SL	1.32	LAA 11	94	10	99	86	96	85
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
20A»	FLEXSTAR GT 3.	1.23	LAA 11	98	5	98	90	99	83
	B»ACTIVATOR 90	0.25	PMV 11						
		LSD (0.05)		14.1	5.4	2.3	13.6	7.9	12.6
		STANDARD DEVIATION		7.0	2.7	1.1	6.7	3.9	6.2

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200
CREATED: 04/15/2016 **REVISED:** 09/08/2016 **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		XANST	
NUM	COMPONENT	RATE	UNIT	TM	28 DAT
					07/16/16
1A»	WARRANT ULTRA	1.35	LAA	9	78
B»	RNDUP POWERMAX	1.125	LAA	12	
C»	WARRANT 3L	1.125	LAA	12	
2A»	PREFIX 5.32SL	1.32	LAA	9	96
B»	RNDUP POWERMAX	1.125	LAA	12	
C»	WARRANT 3L	1.125	LAA	12	
3A»	ROWEL FX 40.3W	3.20	OMA	0	91
B	CLASSIC 25WG	0.0204	LAA	9	
C»	VALOR SX 51WDG	0.0596	LAA	9	
D»	RNDUP POWERMAX	1.125	LAA	12	
E»	WARRANT ULTRA	1.13	LAA	12	
4A»	FIERCE XLT	4.10	OMA	0	87
B	CLASSIC 25WG	0.0171	LAA	9	
C»	VALOR SX 51WDG	0.063	LAA	9	
D»	ZIDUA 85WG	0.08	LAA	9	
E»	RNDUP POWERMAX	1.125	LAA	12	
F»	WARRANT ULTRA	1.13	LAA	12	
5A»	WARRANT 3L	1.125	LAA	9	92
B»	TRICOR 75DF	0.25	LAA	9	
C»	RNDUP POWERMAX	1.125	LAA	12	
D»	WARRANT ULTRA	1.13	LAA	12	
6A	BOUNDARY 6.5EC	1.30	LAA	9	88
B»	FLEXSTAR GT 3.	1.23	LAA	12	
7A»	AUTHORITY MTZ	0.42	LAA	9	98
B»	ANTHEM MAXX 4.	0.10	LAA	12	
C»	RNDUP POWERMAX	1.125	LAA	12	
D»	LIQUID AMS	2.50	PMV	12	
8A»	WARRANT ULTRA	1.35	LAA	11	87
B»	RNDUP POWERMAX	1.125	LAA	11	
9A»	PREFIX 5.32SL	1.32	LAA	11	95
B»	RNDUP POWERMAX	1.125	LAA	11	
10A»	FLEXSTAR GT 3.	1.23	LAA	11	88
B	DUAL II MAGNUM	1.08	LAA	11	
11A»	WARRANT ULTRA	1.35	LAA	11	88
B»	RNDUP POWERMAX	1.125	LAA	11	
C»	MSO	0.50	PMV	11	
12A»	PREFIX 5.32SL	1.32	LAA	11	94
B»	RNDUP POWERMAX	1.125	LAA	11	
C»	MSO	0.50	PMV	11	
13A»	FLEXSTAR GT 3.	1.23	LAA	11	93
B»	MSO	0.50	PMV	11	
14A	CHECK	0.00	NA	0	0
15A»	WARRANT ULTRA	1.35	LAA	11	88
B»	RNDUP POWERMAX	1.125	LAA	11	
C»	SUPERB HC	0.50	PMV	11	
16A»	PREFIX 5.32SL	1.32	LAA	11	80
B»	RNDUP POWERMAX	1.125	LAA	11	
C»	SUPERB HC	0.50	PMV	11	
17A»	FLEXSTAR GT 3.	1.23	LAA	11	91
B»	SUPERB HC	0.50	PMV	11	

TITLE: Warrant Ultra for Weed Control in RR Soybean. AS-200

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	XANST 28 DAT TM 07/16/16	
18A»WARRANT ULTRA	1.35	LAA	11	88
B»RNDUP POWERMAX	1.125	LAA	11	
C»ACTIVATOR 90	0.25	PMV	11	
19A»PREFIX 5.32SL	1.32	LAA	11	87
B»RNDUP POWERMAX	1.125	LAA	11	
C»ACTIVATOR 90	0.25	PMV	11	
20A»FLEXSTAR GT 3.	1.23	LAA	11	95
B»ACTIVATOR 90	0.25	PMV	11	
	LSD (0.05)			13.5
	STANDARD DEVIATION			6.7

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/19/2016(1)
 11 = --- / EPOST 06/18/2016(2)
 12 = --- / POST 06/21/2016(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	7 DAT	05/27/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	14 DAT	06/03/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	14 DAT	06/03/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	14 DAT	06/03/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	14 DAT	06/03/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	14 DAT	06/03/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	14 DAT	06/03/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	28 DAT	06/17/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	28 DAT	06/17/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	28 DAT	06/17/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	28 DAT	06/17/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	28 DAT	06/17/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	28 DAT	06/17/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	7 DAT	06/25/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	7 DAT	06/25/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	7 DAT	06/25/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	7 DAT	06/25/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	7 DAT	06/25/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	XANST	7 DAT	06/25/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	GLXMA	14 DAT	07/02/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	14 DAT	07/02/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMATA	14 DAT	07/02/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	ABUTH	14 DAT	07/02/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	PHBPU	14 DAT	07/02/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	XANST	14 DAT	07/02/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	GLXMA	28 DAT	07/16/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	SETFA	28 DAT	07/16/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	AMATA	28 DAT	07/16/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	ABUTH	28 DAT	07/16/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	PHBPU	28 DAT	07/16/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	XANST	28 DAT	07/16/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG3334RR2