

SOIL INFORMATION

TRIAL 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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	12	13	14	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/05/10	06/11/10	06/14/10	07/06/10	AME
AIR TEMPERATURE	80	80	83	89	F
% REL.HUMIDITY	32	81	62	37	
WIND DIRECTION	WEST	SOUTH	EAST	SOUTHWEST	
WIND SPEED	5.0	6.0	2.0	9.0	M/H
CLOUD COVER	CLEAR	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	YES	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** PEST ***					
VELVETLEAF		---/16 2.00/6.00	---/18 2.00/8.00	---/12 1.00/2.00	IN
WATERHEMP, COMMO		---/19 2.00/6.00	---/19 2.00/10.0	---/19 2.00/4.00	IN
LAMBSQUARTERS, C		---/19 2.00/4.00	---/19 2.00/8.00	---/19 1.00/6.00	IN
SOYBEAN NKS30-F5 05/05/2010		---/15 8.00/8.00	---/16 12.0/12.0	---/19 22.0/24.0	IN
MORNINGGLORY, TA		---/19 2.00/6.00	---/19 2.00/8.00	---/16 2.00/4.00	IN
FOXTAIL, GIANT		---/15 2.00/8.00	---/18 2.00/14.0	---/12 1.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
12 = ----- / POST
13 = ----- / LPOST
14 = ----- / VLPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
18 = 8 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES

TITLE: Weed Control Systems in RR Soybean. AS-200
CREATED: 04/24/2010 **REVISED:** 10/19/2010 **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 % 05/18/10	GLXMA CON % 06/01/10	SETFA CON % 06/01/10	CHEAL CON % 06/01/10	AMATA CON % 06/01/10	ABUTH CON % 06/01/10
1A»PREFIX 5.32SL	1.33	LAA	9	0	0	96	98	99	72
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
2A BOUNDARY 6.5EC	1.22	LAA	9	0	0	96	99	99	63
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
3A»TOUCHDN TOTAL	0.78	LAA	12	0	0	C	C	C	C
B»LIQUID AMS	2.50	PMV	12						
C»TOUCHDN TOTAL	0.78	LAA	14						
D»LIQUID AMS	2.50	PMV	14						
4A»TOUCHDN TOTAL	0.78	LAA	13	0	0	C	C	C	C
B»LIQUID AMS	2.50	PMV	13						
5A»TOUCHDN TOTAL	0.78	LAA	12	0	0	C	C	C	C
B»PREFIX 5.32SL	1.33	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»TOUCHDN TOTAL	0.78	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
6A BOUNDARY 6.5EC	1.22	LAA	9	0	0	96	99	99	77
B»FLEXSTAR GT 3.	1.24	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
7A»VALOR XLT 40WG	0.088	LAA	0	0	0	77	99	98	84
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
D»RNDUP POWERMAX	0.77	LAA	13						
E»LIQUID AMS	2.50	PMV	13						
8A»RNDUP POWERMAX	0.77	LAA	12	0	0	C	C	C	C
B»WARRANT 3L	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»RNDUP POWERMAX	0.77	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
9A»OPTILL 68WG	0.085	LAA	9	0	0	88	98	91	99
B»RNDUP POWERMAX	0.77	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
10A»VALOR SX 51WDG	0.064	LAA	9	0	0	73	99	99	76
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
11A»VALOR SX 51WDG	0.096	LAA	9	0	0	67	99	98	81
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
12A PROWL H2O 3.8	0.95	LAA	9	0	0	93	99	95	70
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
13A»FIERCE 76WG	0.14	LAA	9	0	0	82	99	99	76
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
14A»SONIC 70DF	0.131	LAA	9	0	0	62	99	93	76
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
15A»SONIC 70DF	0.197	LAA	9	0	0	74	99	97	79
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						

TITLE: Weed Control Systems in RR Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 05/18/10	GLXMA CON % 06/01/10	SETFA CON % 06/01/10	CHEAL CON % 06/01/10	AMATA CON % 06/01/10	ABUTH CON % 06/01/10
16A»	AUTHOR. ASSIST	0.156	LAA	9	0	0	75	99	96	83
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	CANOPY 75WG	0.188	LAA	9	0	0	55	99	90	73
	B»ABUNDIT EXTRA	0.75	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
18A»	ENLITE 47.86WG	0.084	LAA	0	0	0	78	99	99	78
	B CLASSIC 25WG	0.005	LAA	9						
	C»HARMONY 50SG	0.0155	LAA	9						
	D VALOR 51WG	0.0635	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
19A»	ENVIVE 41.3SG	0.09	LAA	0	0	0	78	99	99	78
	B CLASSIC 25WG	0.02	LAA	9						
	C»HARMONY 50SG	0.006	LAA	9						
	D VALOR 51WG	0.064	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
20A»	AUTHOR. FIRST	0.14	LAA	9	0	0	62	98	90	75
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
21A»	AUTHORITY MTZ	0.31	LAA	9	0	0	45	96	89	57
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	AUTHORITY XL 7	0.175	LAA	9	0	0	68	99	98	80
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
24A	FIRSTRATE 84WG	0.016	LAA	12	0	0	C	C	C	C
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
LSD (0.05)					0.00	0.00	8.28	2.20	4.62	7.62
STANDARD DEVIATION					0.00	0.00	4.14	1.10	2.31	3.81

TITLE: Weed Control Systems in RR Soybean. AS-200
CREATED: 04/24/2010 **REVISED:** 10/19/2010 **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	PHBPU CON % 06/01/10	GLXMA CON % 06/22/10	SETFA CON % 06/22/10	CHEAL CON % 06/22/10	AMATA CON % 06/22/10	ABUTH CON % 06/22/10
1A»PREFIX 5.32SL	1.33	LAA	9	53	0	99	99	99	99
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
2A BOUNDARY 6.5EC	1.22	LAA	9	43	0	99	99	99	99
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
3A»TOUCHDN TOTAL	0.78	LAA	12	C	0	98	99	99	99
B»LIQUID AMS	2.50	PMV	12						
C»TOUCHDN TOTAL	0.78	LAA	14						
D»LIQUID AMS	2.50	PMV	14						
4A»TOUCHDN TOTAL	0.78	LAA	13	C	0	89	94	96	98
B»LIQUID AMS	2.50	PMV	13						
5A»TOUCHDN TOTAL	0.78	LAA	12	C	10	99	99	99	99
B»PREFIX 5.32SL	1.33	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»TOUCHDN TOTAL	0.78	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
6A BOUNDARY 6.5EC	1.22	LAA	9	50	4	99	99	99	99
B»FLEXSTAR GT 3.	1.24	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
7A»VALOR XLT 40WG	0.088	LAA	0	77	0	98	99	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
D»RNDUP POWERMAX	0.77	LAA	13						
E»LIQUID AMS	2.50	PMV	13						
8A»RNDUP POWERMAX	0.77	LAA	12	C	0	98	99	99	99
B»WARRANT 3L	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»RNDUP POWERMAX	0.77	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
9A»OPTILL 68WG	0.085	LAA	9	87	0	97	99	99	99
B»RNDUP POWERMAX	0.77	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
10A»VALOR SX 51WDG	0.064	LAA	9	70	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
11A»VALOR SX 51WDG	0.096	LAA	9	63	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
12A PROWL H2O 3.8	0.95	LAA	9	53	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
13A»FIERCE 76WG	0.14	LAA	9	65	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
14A»SONIC 70DF	0.131	LAA	9	72	0	95	99	99	99
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
15A»SONIC 70DF	0.197	LAA	9	83	0	98	99	99	99
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						

TITLE: Weed Control Systems in RR Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 06/01/10	GLXMA CON % 06/22/10	SETFA CON % 06/22/10	CHEAL CON % 06/22/10	AMATA CON % 06/22/10	ABUTH CON % 06/22/10
16A»	AUTHOR. ASSIST	0.156	LAA	9	78	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	CANOPY 75WG	0.188	LAA	9	62	0	93	99	99	99
	B»ABUNDIT EXTRA	0.75	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
18A»	ENLITE 47.86WG	0.084	LAA	0	73	0	97	99	99	99
	B CLASSIC 25WG	0.005	LAA	9						
	C»HARMONY 50SG	0.0155	LAA	9						
	D VALOR 51WG	0.0635	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
19A»	ENVIVE 41.3SG	0.09	LAA	0	73	0	98	99	99	99
	B CLASSIC 25WG	0.02	LAA	9						
	C»HARMONY 50SG	0.006	LAA	9						
	D VALOR 51WG	0.064	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
20A»	AUTHOR. FIRST	0.14	LAA	9	68	0	97	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
21A»	AUTHORITY MTZ	0.31	LAA	9	47	0	95	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	AUTHORITY XL 7	0.175	LAA	9	75	0	98	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
24A	FIRSTRATE 84WG	0.016	LAA	12	C	3	99	99	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
LSD (0.05)					9.73	1.12	2.23	1.20	0.385	0.385
STANDARD DEVIATION					4.86	0.558	1.12	0.601	0.192	0.192

TITLE: Weed Control Systems in RR Soybean. AS-200
CREATED: 04/24/2010 **REVISED:** 10/19/2010 **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	PHBPU CON % 06/22/10	GLXMA CON % 07/13/10	SETFA CON % 07/13/10	CHEAL CON % 07/13/10	AMATA CON % 07/13/10	ABUTH CON % 07/13/10
1A»PREFIX 5.32SL	1.33	LAA	9	73	0	99	99	99	99
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
2A BOUNDARY 6.5EC	1.22	LAA	9	63	0	99	99	99	99
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
3A»TOUCHDN TOTAL	0.78	LAA	12	86	0	99	99	99	99
B»LIQUID AMS	2.50	PMV	12						
C»TOUCHDN TOTAL	0.78	LAA	14						
D»LIQUID AMS	2.50	PMV	14						
4A»TOUCHDN TOTAL	0.78	LAA	13	69	0	97	92	82	99
B»LIQUID AMS	2.50	PMV	13						
5A»TOUCHDN TOTAL	0.78	LAA	12	94	2	99	99	99	99
B»PREFIX 5.32SL	1.33	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»TOUCHDN TOTAL	0.78	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
6A BOUNDARY 6.5EC	1.22	LAA	9	88	0	99	99	99	99
B»FLEXSTAR GT 3.	1.24	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
7A»VALOR XLT 40WG	0.088	LAA	0	85	0	99	99	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
D»RNDUP POWERMAX	0.77	LAA	13						
E»LIQUID AMS	2.50	PMV	13						
8A»RNDUP POWERMAX	0.77	LAA	12	85	2	99	99	99	99
B»WARRANT 3L	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»RNDUP POWERMAX	0.77	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
9A»OPTILL 68WG	0.085	LAA	9	97	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
10A»VALOR SX 51WDG	0.064	LAA	9	92	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
11A»VALOR SX 51WDG	0.096	LAA	9	94	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
12A PROWL H2O 3.8	0.95	LAA	9	89	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
13A»FIERCE 76WG	0.14	LAA	9	89	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
14A»SONIC 70DF	0.131	LAA	9	88	0	99	99	99	99
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
15A»SONIC 70DF	0.197	LAA	9	92	0	99	99	99	99
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						

TITLE: Weed Control Systems in RR Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 06/22/10	GLXMA CON % 07/13/10	SETFA CON % 07/13/10	CHEAL CON % 07/13/10	AMATA CON % 07/13/10	ABUTH CON % 07/13/10
16A»	AUTHOR. ASSIST	0.156	LAA	9	95	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	CANOPY 75WG	0.188	LAA	9	86	0	99	99	99	99
	B»ABUNDIT EXTRA	0.75	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
18A»	ENLITE 47.86WG	0.084	LAA	0	87	0	99	99	99	99
	B CLASSIC 25WG	0.005	LAA	9						
	C»HARMONY 50SG	0.0155	LAA	9						
	D VALOR 51WG	0.0635	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
19A»	ENVIVE 41.3SG	0.09	LAA	0	92	0	99	99	99	99
	B CLASSIC 25WG	0.02	LAA	9						
	C»HARMONY 50SG	0.006	LAA	9						
	D VALOR 51WG	0.064	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
20A»	AUTHOR. FIRST	0.14	LAA	9	89	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
21A»	AUTHORITY MTZ	0.31	LAA	9	82	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	AUTHORITY XL 7	0.175	LAA	9	93	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
24A	FIRSTRATE 84WG	0.016	LAA	12	91	0	99	99	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
LSD (0.05)					5.89	1.67	0.701	1.00	1.00	0.00
STANDARD DEVIATION					2.95	0.836	0.35	0.481	0.481	0.00

TITLE: Weed Control Systems in RR Soybean. AS-200
CREATED: 04/24/2010 **REVISED:** 10/19/2010 **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	PHBPU CON % 07/13/10	GLXMA CON % 07/24/10	SETFA CON % 07/24/10	CHEAL CON % 07/24/10	AMATA CON % 07/24/10	ABUTH CON % 07/24/10
1A»PREFIX 5.32SL	1.33	LAA	9	71	0	99	99	99	99
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
2A BOUNDARY 6.5EC	1.22	LAA	9	60	0	99	99	99	99
B»TOUCHDN TOTAL	0.78	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
3A»TOUCHDN TOTAL	0.78	LAA	12	90	0	99	99	99	99
B»LIQUID AMS	2.50	PMV	12						
C»TOUCHDN TOTAL	0.78	LAA	14						
D»LIQUID AMS	2.50	PMV	14						
4A»TOUCHDN TOTAL	0.78	LAA	13	71	0	99	99	93	99
B»LIQUID AMS	2.50	PMV	13						
5A»TOUCHDN TOTAL	0.78	LAA	12	89	0	99	99	99	99
B»PREFIX 5.32SL	1.33	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»TOUCHDN TOTAL	0.78	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
6A BOUNDARY 6.5EC	1.22	LAA	9	84	0	99	99	99	99
B»FLEXSTAR GT 3.	1.24	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
7A»VALOR XLT 40WG	0.088	LAA	0	97	0	99	99	99	99
B CLASSIC 25WG	0.023	LAA	9						
C»VALOR SX 51WDG	0.065	LAA	9						
D»RNDUP POWERMAX	0.77	LAA	13						
E»LIQUID AMS	2.50	PMV	13						
8A»RNDUP POWERMAX	0.77	LAA	12	92	0	99	99	99	99
B»WARRANT 3L	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
D»RNDUP POWERMAX	0.77	LAA	14						
E»LIQUID AMS	2.50	PMV	14						
9A»OPTILL 68WG	0.085	LAA	9	98	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
10A»VALOR SX 51WDG	0.064	LAA	9	94	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
11A»VALOR SX 51WDG	0.096	LAA	9	92	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
12A PROWL H2O 3.8	0.95	LAA	9	92	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
13A»FIERCE 76WG	0.14	LAA	9	96	0	99	99	99	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
14A»SONIC 70DF	0.131	LAA	9	94	0	99	99	99	99
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						
15A»SONIC 70DF	0.197	LAA	9	96	0	99	99	99	99
B»DURANGO 4AE	0.75	LAA	13						
C»LIQUID AMS	2.50	PMV	13						

TITLE: Weed Control Systems in RR Soybean. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 07/13/10	GLXMA CON % 07/24/10	SETFA CON % 07/24/10	CHEAL CON % 07/24/10	AMATA CON % 07/24/10	ABUTH CON % 07/24/10
16A»	AUTHOR. ASSIST	0.156	LAA	9	98	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	CANOPY 75WG	0.188	LAA	9	94	0	99	99	99	99
	B»ABUNDIT EXTRA	0.75	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
18A»	ENLITE 47.86WG	0.084	LAA	0	95	0	99	99	99	99
	B CLASSIC 25WG	0.005	LAA	9						
	C»HARMONY 50SG	0.0155	LAA	9						
	D VALOR 51WG	0.0635	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
19A»	ENVIVE 41.3SG	0.09	LAA	0	97	0	99	99	99	99
	B CLASSIC 25WG	0.02	LAA	9						
	C»HARMONY 50SG	0.006	LAA	9						
	D VALOR 51WG	0.064	LAA	9						
	E»ABUNDIT EXTRA	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
20A»	AUTHOR. FIRST	0.14	LAA	9	94	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
21A»	AUTHORITY MTZ	0.31	LAA	9	64	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	AUTHORITY XL 7	0.175	LAA	9	98	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
24A	FIRSTRATE 84WG	0.016	LAA	12	94	0	99	99	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	D»DURANGO 4AE	0.75	LAA	14						
	E»LIQUID AMS	2.50	PMV	14						
LSD (0.05)					17.25	0.00	0.192	0.00	0.839	0.00
STANDARD DEVIATION					8.62	0.00	0.096	0.00	0.419	0.00

TITLE: Weed Control Systems in RR Soybean. AS-200
CREATED: 04/24/2010 **REVISED:** 10/19/2010 **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	PHBPU CON % 07/24/10	YIELD BU/A 09/28/10
1A»PREFIX 5.32SL	1.33	LAA	9	84	74.3
B»TOUCHDN TOTAL	0.78	LAA	13		
C»LIQUID AMS	2.50	PMV	13		
2A BOUNDARY 6.5EC	1.22	LAA	9	70	71.2
B»TOUCHDN TOTAL	0.78	LAA	13		
C»LIQUID AMS	2.50	PMV	13		
3A»TOUCHDN TOTAL	0.78	LAA	12	92	75.5
B»LIQUID AMS	2.50	PMV	12		
C»TOUCHDN TOTAL	0.78	LAA	14		
D»LIQUID AMS	2.50	PMV	14		
4A»TOUCHDN TOTAL	0.78	LAA	13	86	76.2
B»LIQUID AMS	2.50	PMV	13		
5A»TOUCHDN TOTAL	0.78	LAA	12	86	73.2
B»PREFIX 5.32SL	1.33	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
D»TOUCHDN TOTAL	0.78	LAA	14		
E»LIQUID AMS	2.50	PMV	14		
6A BOUNDARY 6.5EC	1.22	LAA	9	84	77.4
B»FLEXSTAR GT 3.	1.24	LAA	13		
C»LIQUID AMS	2.50	PMV	13		
7A»VALOR XLT 40WG	0.088	LAA	0	98	80.4
B CLASSIC 25WG	0.023	LAA	9		
C»VALOR SX 51WDG	0.065	LAA	9		
D»RNDUP POWERMAX	0.77	LAA	13		
E»LIQUID AMS	2.50	PMV	13		
8A»RNDUP POWERMAX	0.77	LAA	12	92	71.8
B»WARRANT 3L	1.125	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
D»RNDUP POWERMAX	0.77	LAA	14		
E»LIQUID AMS	2.50	PMV	14		
9A»OPTILL 68WG	0.085	LAA	9	99	79.3
B»RNDUP POWERMAX	0.77	LAA	13		
C»LIQUID AMS	2.50	PMV	13		
10A»VALOR SX 51WDG	0.064	LAA	9	93	81.7
B»RNDUP POWERMAX	0.77	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
11A»VALOR SX 51WDG	0.096	LAA	9	96	80.1
B»RNDUP POWERMAX	0.77	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
12A PROWL H2O 3.8	0.95	LAA	9	91	74.6
B»RNDUP POWERMAX	0.77	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
13A»FIERCE 76WG	0.14	LAA	9	97	81.7
B»RNDUP POWERMAX	0.77	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
14A»SONIC 70DF	0.131	LAA	9	96	83.7
B»DURANGO 4AE	0.75	LAA	13		
C»LIQUID AMS	2.50	PMV	13		
15A»SONIC 70DF	0.197	LAA	9	96	80.3
B»DURANGO 4AE	0.75	LAA	13		
C»LIQUID AMS	2.50	PMV	13		

TITLE: Weed Control Systems in RR Soybean. AS-200

TRT	TREATMENT	DOSAGE	PHBPU	YIELD	
NUM	COMPONENT	RATE	CON %	BU/A	
		UNIT	TM	07/24/10	09/28/10
16A»	AUTHOR. ASSIST	0.156	LAA 9	98	79.7
	B»RNDUP POWERMAX	0.77	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
17A	CANOPY 75WG	0.188	LAA 9	92	79.1
	B»ABUNDIT EXTRA	0.75	LAA 13		
	C»LIQUID AMS	2.50	PMV 13		
18A»	ENLITE 47.86WG	0.084	LAA 0	95	82.1
	B CLASSIC 25WG	0.005	LAA 9		
	C»HARMONY 50SG	0.0155	LAA 9		
	D VALOR 51WG	0.0635	LAA 9		
	E»ABUNDIT EXTRA	0.75	LAA 13		
	F»LIQUID AMS	2.50	PMV 13		
19A»	ENVIVE 41.3SG	0.09	LAA 0	97	79.4
	B CLASSIC 25WG	0.02	LAA 9		
	C»HARMONY 50SG	0.006	LAA 9		
	D VALOR 51WG	0.064	LAA 9		
	E»ABUNDIT EXTRA	0.75	LAA 13		
	F»LIQUID AMS	2.50	PMV 13		
20A»	AUTHOR. FIRST	0.14	LAA 9	98	83.2
	B»RNDUP POWERMAX	0.77	LAA 13		
	C»LIQUID AMS	2.50	PMV 13		
21A»	AUTHORITY MTZ	0.31	LAA 9	93	79.4
	B»RNDUP POWERMAX	0.77	LAA 13		
	C»LIQUID AMS	2.50	PMV 13		
22A	CHECK	0.00	NA 0	0	30.6
23A»	AUTHORITY XL 7	0.175	LAA 9	98	81.3
	B»RNDUP POWERMAX	0.77	LAA 13		
	C»LIQUID AMS	2.50	PMV 13		
24A	FIRSTRATE 84WG	0.016	LAA 12	95	77.2
	B»DURANGO 4AE	0.75	LAA 12		
	C»LIQUID AMS	2.50	PMV 12		
	D»DURANGO 4AE	0.75	LAA 14		
	E»LIQUID AMS	2.50	PMV 14		
	LSD (0.05)			4.79	7.72
	STANDARD DEVIATION			2.39	3.86

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/05/2010(1)
12 = ----- / POST 06/11/2010(2)
13 = ----- / LPOST 06/14/2010(3)
14 = ----- / VLPOST 07/06/2010(4)

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 %	05/18/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/01/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	06/01/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/01/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	06/01/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/01/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/01/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/22/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/22/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/22/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/22/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/22/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/22/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	CON %	07/13/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	07/13/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in RR Soybean. AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
016	CHEAL	CON %	07/13/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	07/13/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ABUTH	CON %	07/13/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	07/13/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	GLXMA	CON %	07/24/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	CON %	07/24/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	CHEAL	CON %	07/24/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	AMATA	CON %	07/24/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	07/24/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	PHBPU	CON %	07/24/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	YIELD	BU/A	09/28/2010	01	P	GLXMA		RAW	---	YLD	---	---	0.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = NKS30-F5