

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	10	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/12/14	06/18/14	AME
AIR TEMPERATURE	82	85	F
% REL.HUMIDITY	43	83	
WIND DIRECTION	WEST	EAST	
WIND SPEED	6.0	4.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	
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	15.00	15.00	
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	---	---	
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	---/12	---/13	
S34 Z1 RR	4.00/4.00	5.00/6.00	IN
(PLANTED) 05/27/2014	16 DAP	22 DAP	
PEST *			
P, VELVETLEAF	---/10 0.50/0.50	---/20 1.00/3.00	IN
P, WATERHEMP, COMMO	---/14 1.00/1.00	---/19 1.00/3.00	IN
P, LAMBSQUARTERS, C	---/15 0.50/0.50	---/18 1.00/1.00	IN
P, MORNINGGLORY, TA	---/11 1.00/2.00	---/13 1.00/3.00	IN
P, FOXTAIL, GIANT	---/12 1.00/2.00	---/14 2.00/4.00	IN
P, COCKLEBUR, COMMO	---/12 1.00/3.00	---/13 2.00/4.00	IN

*** TIMING CODES**

10 = ----- / VEPOST
11 = ----- / EPOST

*** STAGE CODE**

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
12 = 2 LEAVES UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
20 = SIDE SHOOT / TILLER DEVELOPMENT

TITLE: Postemergence Weed Control Combinations with Glyphosate in RR Soybean. AS-200
CREATED: 05/08/2014 **REVISED:** 09/16/2014 **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	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/18/14	06/18/14	06/18/14	06/18/14	06/18/14	06/18/14
1A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	ULTRA BLAZER	0.25	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
2A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	ULTRA BLAZER	0.375	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	STORM 4SL	0.75	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	COBRA 2EC	0.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	COBRA 2EC	0.156	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
6A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	FLEXSTAR 1.88	0.235	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	FLEXSTAR 1.88	0.294	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
8A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B»	CADET 0.91EC	0.0043	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	FIRSTRATE 84WG	0.032	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
10A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV 11						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA 10	49	99	99	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
13A»	RHYTHM 1.88L	0.375	LAA 10	37	99	99	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
14A»	PREFIX 5.32SL	1.33	LAA 10	41	99	99	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
15A»	RNDUP POWERMAX	0.84	LAA 11	C	C	C	C	C	C
B	PURSUIT 2SL	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
16A	COBRA 2EC	0.188	LAA 11	C	C	C	C	C	C
B	SELECT (2EC)	0.125	LAA 11						
C»	COC	1.00	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
LSD (0.05)				4.76	0.00	0.00	0.00	0.00	0.00
STANDARD DEVIATION				2.33	0.00	0.00	0.00	0.00	0.00

TITLE: Postemergence Weed Control Combinations with Glyphosate in RR Soybean. AS-200
CREATED: 05/08/2014 **REVISED:** 09/16/2014 **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	GLXMA	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/18/14	06/21/14	06/21/14	06/21/14	06/21/14	06/21/14
1A»	RNDUP POWERMAX	0.84	LAA	11	C	21	88	92	92	91
B	ULTRA BLAZER	0.25	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	RNDUP POWERMAX	0.84	LAA	11	C	24	90	93	93	95
B	ULTRA BLAZER	0.375	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
3A»	RNDUP POWERMAX	0.84	LAA	11	C	16	82	87	89	90
B	STORM 4SL	0.75	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
4A»	RNDUP POWERMAX	0.84	LAA	11	C	29	92	95	96	96
B	COBRA 2EC	0.125	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
5A»	RNDUP POWERMAX	0.84	LAA	11	C	33	93	96	97	97
B	COBRA 2EC	0.156	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
6A»	RNDUP POWERMAX	0.84	LAA	11	C	19	93	92	95	95
B	FLEXSTAR 1.88	0.235	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
7A»	RNDUP POWERMAX	0.84	LAA	11	C	21	94	94	94	96
B	FLEXSTAR 1.88	0.294	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
8A»	RNDUP POWERMAX	0.84	LAA	11	C	14	84	89	90	97
B»	CADET 0.91EC	0.0043	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.84	LAA	11	C	0	57	50	60	68
B	FIRSTRATE 84WG	0.032	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
10A»	RNDUP POWERMAX	0.84	LAA	11	C	0	55	40	53	47
B»	LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA	10	99	42	99	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA	10						
C»	LIQUID AMS	2.50	PMV	10						
13A»	RHYTHM 1.88L	0.375	LAA	10	99	30	99	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA	10						
C»	LIQUID AMS	2.50	PMV	10						
14A»	PREFIX 5.32SL	1.33	LAA	10	99	39	99	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA	10						
C»	LIQUID AMS	2.50	PMV	10						
15A»	RNDUP POWERMAX	0.84	LAA	11	C	8	70	70	67	73
B	PURSUIT 2SL	0.063	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
16A	COBRA 2EC	0.188	LAA	11	C	35	95	95	96	96
B	SELECT (2EC)	0.125	LAA	11						
C»	COC	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					0.00	5.57	4.93	6.40	5.84	4.00
STANDARD DEVIATION					0.00	2.73	2.42	3.14	2.86	2.00

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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		PHBPU	XANST	GLXMA	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON % 06/21/14	CON % 06/21/14	CON % 06/24/14	CON % 06/24/14	CON % 06/24/14	CON % 06/24/14
1A»	RNDUP POWERMAX	0.84	LAA 11	82	88	22	99	99	99
B	ULTRA BLAZER	0.25	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
2A»	RNDUP POWERMAX	0.84	LAA 11	88	93	30	99	99	99
B	ULTRA BLAZER	0.375	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	RNDUP POWERMAX	0.84	LAA 11	85	93	21	99	99	99
B	STORM 4SL	0.75	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	RNDUP POWERMAX	0.84	LAA 11	92	93	33	99	99	99
B	COBRA 2EC	0.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	RNDUP POWERMAX	0.84	LAA 11	94	96	45	99	99	99
B	COBRA 2EC	0.156	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
6A»	RNDUP POWERMAX	0.84	LAA 11	92	93	18	99	99	99
B	FLEXSTAR 1.88	0.235	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	RNDUP POWERMAX	0.84	LAA 11	93	94	21	99	99	99
B	FLEXSTAR 1.88	0.294	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
8A»	RNDUP POWERMAX	0.84	LAA 11	72	87	9	99	99	99
B»	CADET 0.91EC	0.0043	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A»	RNDUP POWERMAX	0.84	LAA 11	63	81	0	99	99	99
B	FIRSTRATE 84WG	0.032	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
10A»	RNDUP POWERMAX	0.84	LAA 11	33	67	0	99	99	99
B»	LIQUID AMS	2.50	PMV 11						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA 10	98	99	23	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
13A»	RHYTHM 1.88L	0.375	LAA 10	96	99	11	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
14A»	PREFIX 5.32SL	1.33	LAA 10	97	99	21	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
15A»	RNDUP POWERMAX	0.84	LAA 11	68	75	4	99	99	99
B	PURSUIT 2SL	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
16A	COBRA 2EC	0.188	LAA 11	91	95	50	99	99	99
B	SELECT (2EC)	0.125	LAA 11						
C»	COC	1.00	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
LSD (0.05)				6.20	4.76	7.00	0.00	0.00	0.00
STANDARD DEVIATION				3.00	2.33	3.44	0.00	0.00	0.00

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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	ABUTH	PHBPU	XANST	GLXMA	SETFA	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					06/24/14	06/24/14	06/24/14	07/01/14	07/01/14	
1A»	RNDUP POWERMAX	0.84	LAA	11	99	92	99	8	99	99
B	ULTRA BLAZER	0.25	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	RNDUP POWERMAX	0.84	LAA	11	99	94	99	11	99	99
B	ULTRA BLAZER	0.375	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
3A»	RNDUP POWERMAX	0.84	LAA	11	99	93	99	2	99	99
B	STORM 4SL	0.75	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
4A»	RNDUP POWERMAX	0.84	LAA	11	99	91	99	8	99	99
B	COBRA 2EC	0.125	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
5A»	RNDUP POWERMAX	0.84	LAA	11	99	96	99	13	99	99
B	COBRA 2EC	0.156	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
6A»	RNDUP POWERMAX	0.84	LAA	11	99	93	99	4	99	99
B	FLEXSTAR 1.88	0.235	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
7A»	RNDUP POWERMAX	0.84	LAA	11	99	95	99	7	99	99
B	FLEXSTAR 1.88	0.294	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
8A»	RNDUP POWERMAX	0.84	LAA	11	99	95	99	0	99	99
B»	CADET 0.91EC	0.0043	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.84	LAA	11	99	94	99	0	99	99
B	FIRSTRATE 84WG	0.032	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
10A»	RNDUP POWERMAX	0.84	LAA	11	94	70	99	0	99	99
B»	LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA	10	99	98	99	4	99	99
B»	GLYFOS EXTRA 3	1.00	LAA	10						
C»	LIQUID AMS	2.50	PMV	10						
13A»	RHYTHM 1.88L	0.375	LAA	10	99	94	99	0	92	99
B»	GLYFOS EXTRA 3	1.00	LAA	10						
C»	LIQUID AMS	2.50	PMV	10						
14A»	PREFIX 5.32SL	1.33	LAA	10	99	96	99	6	99	99
B»	GLYFOS EXTRA 3	1.00	LAA	10						
C»	LIQUID AMS	2.50	PMV	10						
15A»	RNDUP POWERMAX	0.84	LAA	11	99	84	99	2	99	99
B	PURSUIT 2SL	0.063	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
16A	COBRA 2EC	0.188	LAA	11	99	88	99	9	99	99
B	SELECT (2EC)	0.125	LAA	11						
C»	COC	1.00	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					0.481	3.78	0.00	2.78	0.722	0.00
STANDARD DEVIATION					0.236	1.85	0.00	1.36	0.354	0.00

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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		AMATA	ABUTH	PHBPU	XANST	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/01/14	07/01/14	07/01/14	07/01/14	07/16/14	07/16/14
1A»	RNDUP POWERMAX	0.84	LAA 11	99	99	88	99	0	96
B	ULTRA BLAZER	0.25	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
2A»	RNDUP POWERMAX	0.84	LAA 11	99	99	89	99	0	96
B	ULTRA BLAZER	0.375	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	RNDUP POWERMAX	0.84	LAA 11	99	99	92	99	0	98
B	STORM 4SL	0.75	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	RNDUP POWERMAX	0.84	LAA 11	99	99	86	99	0	85
B	COBRA 2EC	0.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	RNDUP POWERMAX	0.84	LAA 11	99	99	93	99	0	90
B	COBRA 2EC	0.156	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
6A»	RNDUP POWERMAX	0.84	LAA 11	99	99	89	99	0	97
B	FLEXSTAR 1.88	0.235	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	RNDUP POWERMAX	0.84	LAA 11	99	99	93	99	0	98
B	FLEXSTAR 1.88	0.294	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
8A»	RNDUP POWERMAX	0.84	LAA 11	99	99	91	99	0	93
B»	CADET 0.91EC	0.0043	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A»	RNDUP POWERMAX	0.84	LAA 11	99	99	94	99	0	88
B	FIRSTRATE 84WG	0.032	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
10A»	RNDUP POWERMAX	0.84	LAA 11	99	99	77	99	0	82
B»	LIQUID AMS	2.50	PMV 11						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA 10	99	99	90	99	0	98
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
13A»	RHYTHM 1.88L	0.375	LAA 10	99	99	86	97	0	82
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
14A»	PREFIX 5.32SL	1.33	LAA 10	99	99	89	96	0	98
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
15A»	RNDUP POWERMAX	0.84	LAA 11	99	99	90	99	0	99
B	PURSUIT 2SL	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
16A	COBRA 2EC	0.188	LAA 11	99	99	68	90	0	99
B	SELECT (2EC)	0.125	LAA 11						
C»	COC	1.00	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
LSD (0.05)				0.00	0.00	4.19	4.36	0.00	3.55
STANDARD DEVIATION				0.00	0.00	2.00	2.13	0.00	1.74

TITLE: Postemergence Weed Control Combinations with Glyphosate in RR Soybean. AS-200
CREATED: 05/08/2014 **REVISED:** 09/16/2014 **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		CHEAL	AMATA	ABUTH	PHBPU	XANST	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/16/14	07/16/14	07/16/14	07/16/14	07/16/14	07/29/14
1A»	RNDUP POWERMAX	0.84	LAA 11	99	95	99	70	72	0
B	ULTRA BLAZER	0.25	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
2A»	RNDUP POWERMAX	0.84	LAA 11	99	99	99	75	75	0
B	ULTRA BLAZER	0.375	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	RNDUP POWERMAX	0.84	LAA 11	99	97	99	77	86	0
B	STORM 4SL	0.75	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	RNDUP POWERMAX	0.84	LAA 11	99	97	99	68	72	0
B	COBRA 2EC	0.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	RNDUP POWERMAX	0.84	LAA 11	99	99	99	73	83	0
B	COBRA 2EC	0.156	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
6A»	RNDUP POWERMAX	0.84	LAA 11	99	99	99	63	86	0
B	FLEXSTAR 1.88	0.235	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	RNDUP POWERMAX	0.84	LAA 11	99	99	99	70	86	0
B	FLEXSTAR 1.88	0.294	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
8A»	RNDUP POWERMAX	0.84	LAA 11	99	92	99	70	85	0
B»	CADET 0.91EC	0.0043	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A»	RNDUP POWERMAX	0.84	LAA 11	99	91	99	90	97	0
B	FIRSTRATE 84WG	0.032	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
10A»	RNDUP POWERMAX	0.84	LAA 11	99	85	91	55	67	0
B»	LIQUID AMS	2.50	PMV 11						
11A	CHECK	0.00	NA 0	0	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA 10	99	99	95	80	81	0
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
13A»	RHYTHM 1.88L	0.375	LAA 10	99	96	93	80	77	0
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
14A»	PREFIX 5.32SL	1.33	LAA 10	99	99	94	83	80	0
B»	GLYFOS EXTRA 3	1.00	LAA 10						
C»	LIQUID AMS	2.50	PMV 10						
15A»	RNDUP POWERMAX	0.84	LAA 11	99	98	99	88	97	0
B	PURSUIT 2SL	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
16A	COBRA 2EC	0.188	LAA 11	99	99	99	58	84	0
B	SELECT (2EC)	0.125	LAA 11						
C»	COC	1.00	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
LSD (0.05)				0.00	3.95	4.16	8.00	6.00	0.00
STANDARD DEVIATION				0.00	1.93	2.00	3.94	3.00	0.00

TITLE: Postemergence Weed Control Combinations with Glyphosate in RR Soybean. AS-200
CREATED: 05/08/2014 **REVISED:** 09/16/2014 **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	SETFA	CHEAL	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/29/14	07/29/14	07/29/14	07/29/14
1A»	RNDUP POWERMAX	0.84	LAA	11	98	99	98	99
B	ULTRA BLAZER	0.25	LAA	11				73
C»	LIQUID AMS	2.50	PMV	11				72
2A»	RNDUP POWERMAX	0.84	LAA	11	99	99	99	99
B	ULTRA BLAZER	0.375	LAA	11				75
C»	LIQUID AMS	2.50	PMV	11				73
3A»	RNDUP POWERMAX	0.84	LAA	11	99	99	99	99
B	STORM 4SL	0.75	LAA	11				78
C»	LIQUID AMS	2.50	PMV	11				80
4A»	RNDUP POWERMAX	0.84	LAA	11	96	99	99	99
B	COBRA 2EC	0.125	LAA	11				80
C»	LIQUID AMS	2.50	PMV	11				72
5A»	RNDUP POWERMAX	0.84	LAA	11	96	99	99	99
B	COBRA 2EC	0.156	LAA	11				83
C»	LIQUID AMS	2.50	PMV	11				87
6A»	RNDUP POWERMAX	0.84	LAA	11	98	99	99	99
B	FLEXSTAR 1.88	0.235	LAA	11				83
C»	LIQUID AMS	2.50	PMV	11				90
7A»	RNDUP POWERMAX	0.84	LAA	11	99	99	99	99
B	FLEXSTAR 1.88	0.294	LAA	11				84
C»	LIQUID AMS	2.50	PMV	11				88
8A»	RNDUP POWERMAX	0.84	LAA	11	95	99	96	99
B»	CADET 0.91EC	0.0043	LAA	11				80
C»	LIQUID AMS	2.50	PMV	11				73
9A»	RNDUP POWERMAX	0.84	LAA	11	95	99	94	99
B	FIRSTRATE 84WG	0.032	LAA	11				94
C»	LIQUID AMS	2.50	PMV	11				95
10A»	RNDUP POWERMAX	0.84	LAA	11	93	99	94	83
B»	LIQUID AMS	2.50	PMV	11				62
11A	CHECK	0.00	NA	0	0	0	0	0
12A»	STATEMENT 5.25	1.31	LAA	10	98	99	99	99
B»	GLYFOS EXTRA 3	1.00	LAA	10				85
C»	LIQUID AMS	2.50	PMV	10				80
13A»	RHYTHM 1.88L	0.375	LAA	10	95	99	99	91
B»	GLYFOS EXTRA 3	1.00	LAA	10				81
C»	LIQUID AMS	2.50	PMV	10				74
14A»	PREFIX 5.32SL	1.33	LAA	10	99	99	99	85
B»	GLYFOS EXTRA 3	1.00	LAA	10				73
C»	LIQUID AMS	2.50	PMV	10				68
15A»	RNDUP POWERMAX	0.84	LAA	11	99	99	99	99
B	PURSUIT 2SL	0.063	LAA	11				92
C»	LIQUID AMS	2.50	PMV	11				95
16A	COBRA 2EC	0.188	LAA	11	99	99	99	99
B	SELECT (2EC)	0.125	LAA	11				72
C»	COC	1.00	PMV	11				
D»	LIQUID AMS	2.50	PMV	11				78
LSD (0.05)					4.00	0.00	3.56	3.84
STANDARD DEVIATION					2.00	0.00	1.74	1.88
							8.20	9.18
							4.00	4.50

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
 10 = ----- / VEPOST 06/12/2014(1)
 11 = ----- / EPOST 06/18/2014(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 %	06/18/2014	01	P	GLXMA	13	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/18/2014	02	P	SETFA	14	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/18/2014	03	P	CHEAL	18	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/18/2014	04	P	AMATA	19	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/18/2014	05	P	ABUTH	20	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/18/2014	06	P	PHBPU	13	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/18/2014	07	P	XANST	13	RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/21/2014	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/21/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/21/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/21/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/21/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/21/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/21/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	06/24/2014	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/24/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/24/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/24/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/24/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	06/24/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	06/24/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
022	GLXMA	CON %	07/01/2014	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	07/01/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	07/01/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	07/01/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	07/01/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	07/01/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
028	XANST	CON %	07/01/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
029	GLXMA	CON %	07/16/2014	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
030	SETFA	CON %	07/16/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
031	CHEAL	CON %	07/16/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
032	AMATA	CON %	07/16/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
033	ABUTH	CON %	07/16/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
034	PHBPU	CON %	07/16/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
035	XANST	CON %	07/16/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
036	GLXMA	CON %	07/29/2014	01	P	GLXMA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
037	SETFA	CON %	07/29/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
038	CHEAL	CON %	07/29/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
039	AMATA	CON %	07/29/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
040	ABUTH	CON %	07/29/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
041	PHBPU	CON %	07/29/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
042	XANST	CON %	07/29/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N

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

01 = S34 Z1 RR

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 20 = SIDE SHOOT / TILLER DEVELOPMENT