

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
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	05	06	UNIT
TIMINGS	09	11	12	13	14	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/01/09	06/22/09	06/26/09	07/10/09	07/20/09	07/21/09	AME
AIR TEMPERATURE	88	92	92	83	72	80	F
% REL.HUMIDITY	62	68	63	68	58	48	
WIND DIRECTION	SOUTHWEST	EAST	NORTH	SOUTHWEST	SOUTHEAST	SOUTHEAST	M/H
WIND SPEED	10.0	2.0	3.0	3.0	3.0	5.0	
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	MOIST/MOI	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	18.000	18.000	IN
SCREEN SIZE							
SCREEN SZ DESC	NA	NA	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	WATER	
INC. DATE							AME
INC. START							24H
INC. END							24H
INC. DEPTH							IN
INC. EQUIPMENT	---	---	---	---	---	---	
DENSITY /							
*** CROP ***							
SOYBEAN		---/14	---/15	---/17	---/69	---/69	
A 3205RR		5.00/5.00	8.00/8.00	16.0/16.0	24.0/24.0	26.0/26.0	IN
06/01/2009							
*** PEST ***							
WATERHEMP, COMMO		---/18	---/19	---/11	---/17	---/18	
		2.00/4.00	3.00/6.00	0.50/0.50	1.00/2.00	1.00/2.00	IN
MORNINGGLORY, TA		---/00	---/17	---/14	---/17	---/18	
		1.00/3.00	3.00/6.00	1.00/3.00	2.00/4.00	3.00/5.00	IN
FOXTAIL, GIANT		---/13	---/15	---/12	---/14	---/15	
		2.00/4.00	4.00/8.00	1.00/3.00	2.00/4.00	3.00/5.00	IN
COCKLEBUR, COMMO		---/13	---/15	---/12	---/13	---/14	
		3.00/5.00	4.00/8.00	1.00/3.00	3.00/5.00	6.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
12 = ----- / POST
13 = ----- / LPOST
14 = ----- / VLPOST
15 = ----- / PO.DIRECTED

* STAGE CODE

00 = DRY SEED; DORMANCY
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
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
14 = 4 LEAVES UNFOLDED

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
69 = END OF FLOWERING, FIRST PODS VISIBLE

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400
CREATED: 04/29/2009 **REVISED:** 11/12/2009 **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	XANST	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/22/09	06/22/09	06/22/09	07/09/09
1A»	PREFIX 5.32SL	1.31	LAA	9	0	83	97	37
B»	TOUCHDN TOTAL	0.78	LAA	12				30
C»	LIQUID AMS	2.50	PMV	12				0
2A»	BOUNDARY 6.5EC	1.63	LAA	9	0	88	94	30
B»	TOUCHDN TOTAL	0.78	LAA	12				17
C»	LIQUID AMS	2.50	PMV	12				0
3A»	BOUNDARY 6.5EC	1.63	LAA	9	0	88	92	27
B»	FLEXSTAR GT 3.	1.24	LAA	12				20
C»	COC	1.00	PMV	12				8
D»	LIQUID AMS	2.50	PMV	12				
4A»	TOUCHDN TOTAL	0.78	LAA	11	0	C	C	C
B»	LIQUID AMS	2.50	PMV	11				C
5A»	TOUCHDN TOTAL	0.78	LAA	11	0	C	C	C
B»	LIQUID AMS	2.50	PMV	11				C
C»	TOUCHDN TOTAL	0.78	LAA	13				
D»	LIQUID AMS	2.50	PMV	13				
6A»	ENVIVE 41.3SG	0.077	LAA	0	0	40	94	47
B	CLASSIC 25WG	0.017	LAA	9				43
C»	HARMONY 50SG	0.005	LAA	9				
D	VALOR 51WG	0.055	LAA	9				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	LIQUID AMS	2.50	PMV	12				3
7A»	ENVIVE 41.3SG	0.077	LAA	0	0	50	93	50
B	CLASSIC 25WG	0.017	LAA	9				40
C»	HARMONY 50SG	0.005	LAA	9				
D	VALOR 51WG	0.055	LAA	9				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	SYNCHRONY XP 2	0.0067	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				11
8A»	ENLITE 47.86WG	0.083	LAA	0	0	67	98	43
B	CLASSIC 25WG	0.005	LAA	9				37
C»	HARMONY 50SG	0.015	LAA	9				
D	VALOR 51WG	0.063	LAA	9				
E»	RNDUP POWERMAX	0.77	LAA	12				
F»	SYNCHRONY XP 2	0.0067	LAA	12				
G»	LIQUID AMS	2.50	PMV	12				7
9A»	SONIC 70DF	0.131	LAA	9	0	30	67	37
B»	DURANGO 4AE	0.75	LAA	12				32
C»	LIQUID AMS	2.50	PMV	12				0
10A»	SONIC 70DF	0.197	LAA	9	0	55	89	45
B»	DURANGO 4AE	0.75	LAA	12				43
C»	LIQUID AMS	2.50	PMV	12				0
11A	PROWL H2O 3.8	1.19	LAA	9	0	73	90	30
B»	RNDUP POWERMAX	0.77	LAA	12				17
C»	LIQUID AMS	2.50	PMV	12				0
12A	PROWL H2O 3.8	1.19	LAA	9	0	72	86	33
B»	RNDUP POWERMAX	0.77	LAA	12				13
C»	LIQUID AMS	2.50	PMV	12				
D	HEADLINE 2.09E	0.098	LAA	15				
E»	ACTIVATOR 90	0.25	PMV	15				
13A	PURSUIT +	0.91	LAA	9	0	82	92	62
B»	RNDUP POWERMAX	0.77	LAA	12				60
C»	LIQUID AMS	2.50	PMV	12				0

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	XANST	PHBPU	GLXMA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/22/09	06/22/09	06/22/09	06/22/09	06/22/09	07/09/09
14A	GANGSTER V	0.048	LAA 9	0	47	99	60	45	0
	B GANGSTER FR	0.016	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
15A	A»AUTHOR. FIRST	0.131	LAA 9	0	40	70	47	37	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
16A	A»AUTHORITY MTZ	0.34	LAA 9	0	47	87	43	47	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
17A	A»VALOR XLT 40WG	0.075	LAA 0	0	50	96	43	33	2
	B VALOR 51WG	0.056	LAA 9						
	C CLASSIC 25WG	0.019	LAA 9						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
18A	A»OPTILL 68WG	0.085	LAA 9	0	72	88	82	72	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
19A	A»SHARPEN 2.85L	0.022	LAA 9	0	70	98	84	68	0
	B PROWL H2O 3.8	1.19	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
20A	A CANOPY 75WG	0.188	LAA 9	0	37	60	30	37	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
21A	CHECK	0.00	NA 0	0	0	0	0	0	0
22A	A»DURANGO 4AE	0.75	LAA 12	0	C	C	C	C	4
	B FIRSTRATE 84WG	0.016	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
	D»DURANGO 4AE	0.75	LAA 14						
	E»LIQUID AMS	2.50	PMV 14						
23A	A»INTRRO 4EC	2.00	LAA 9	0	91	86	27	17	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
24A	A»V-10233 76WG	0.178	LAA 9	0	91	99	60	67	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.00	10.70	8.00	6.70	12.62	2.32
STANDARD DEVIATION				0.00	5.35	4.00	3.35	6.31	1.16

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400
CREATED: 04/29/2009 **REVISED:** 11/12/2009 **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	AMATA	XANST	PHBPU	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/09/09	07/09/09	07/09/09	07/09/09	07/25/09
	1A»PREFIX 5.32SL	1.31	LAA	9	99	99	99	89	0
	B»TOUCHDN TOTAL	0.78	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
	2A»BOUNDARY 6.5EC	1.63	LAA	9	99	99	99	90	0
	B»TOUCHDN TOTAL	0.78	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
	3A»BOUNDARY 6.5EC	1.63	LAA	9	99	99	99	95	3
	B»FLEXSTAR GT 3.	1.24	LAA	12					99
	C»COC	1.00	PMV	12					
	D»LIQUID AMS	2.50	PMV	12					
	4A»TOUCHDN TOTAL	0.78	LAA	11	97	99	96	76	0
	B»LIQUID AMS	2.50	PMV	11					97
	5A»TOUCHDN TOTAL	0.78	LAA	11	98	99	96	83	0
	B»LIQUID AMS	2.50	PMV	11					99
	C»TOUCHDN TOTAL	0.78	LAA	13					
	D»LIQUID AMS	2.50	PMV	13					
	6A»ENVIVE 41.3SG	0.077	LAA	0	99	99	99	89	0
	B CLASSIC 25WG	0.017	LAA	9					98
	C»HARMONY 50SG	0.005	LAA	9					
	D VALOR 51WG	0.055	LAA	9					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
	7A»ENVIVE 41.3SG	0.077	LAA	0	99	99	99	95	5
	B CLASSIC 25WG	0.017	LAA	9					98
	C»HARMONY 50SG	0.005	LAA	9					
	D VALOR 51WG	0.055	LAA	9					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»SYNCHRONY XP 2	0.0067	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
	8A»ENLITE 47.86WG	0.083	LAA	0	99	99	99	92	4
	B CLASSIC 25WG	0.005	LAA	9					98
	C»HARMONY 50SG	0.015	LAA	9					
	D VALOR 51WG	0.063	LAA	9					
	E»RNDUP POWERMAX	0.77	LAA	12					
	F»SYNCHRONY XP 2	0.0067	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
	9A»SONIC 70DF	0.131	LAA	9	99	99	99	89	0
	B»DURANGO 4AE	0.75	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
	10A»SONIC 70DF	0.197	LAA	9	99	99	99	96	0
	B»DURANGO 4AE	0.75	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
	11A PROWL H2O 3.8	1.19	LAA	9	99	99	97	73	0
	B»RNDUP POWERMAX	0.77	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
	12A PROWL H2O 3.8	1.19	LAA	9	99	99	99	90	0
	B»RNDUP POWERMAX	0.77	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
	D HEADLINE 2.09E	0.098	LAA	15					
	E»ACTIVATOR 90	0.25	PMV	15					
	13A PURSUIT +	0.91	LAA	9	99	99	99	93	0
	B»RNDUP POWERMAX	0.77	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400

TRT	TREATMENT	DOSAGE		SETFA	AMATA	XANST	PHBPU	GLXMA	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/09/09	07/09/09	07/09/09	07/09/09	07/25/09	07/25/09
14A	GANGSTER V	0.048	LAA 9	99	99	99	90	0	99
	B GANGSTER FR	0.016	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
15A	AUTHOR. FIRST	0.131	LAA 9	99	99	99	94	0	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
16A	AUTHORITY MTZ	0.34	LAA 9	99	99	99	96	0	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
17A	VALOR XLT 40WG	0.075	LAA 0	99	99	99	89	0	99
	B VALOR 51WG	0.056	LAA 9						
	C CLASSIC 25WG	0.019	LAA 9						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
18A	OPTILL 68WG	0.085	LAA 9	99	99	99	93	0	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
19A	SHARPEN 2.85L	0.022	LAA 9	99	99	99	90	0	99
	B PROWL H2O 3.8	1.19	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
20A	CANOPY 75WG	0.188	LAA 9	99	99	99	89	0	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
21A	CHECK	0.00	NA 0	0	0	0	0	0	0
22A	DURANGO 4AE	0.75	LAA 12	99	99	99	90	1	99
	B FIRSTRATE 84WG	0.016	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
	D»DURANGO 4AE	0.75	LAA 14						
	E»LIQUID AMS	2.50	PMV 14						
23A	INTRRO 4EC	2.00	LAA 9	99	99	97	81	0	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
24A	V-10233 76WG	0.178	LAA 9	99	99	99	97	0	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.55	0.00	1.00	5.23	1.27	0.613
STANDARD DEVIATION				0.275	0.00	0.521	2.62	0.637	0.306

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400
CREATED: 04/29/2009 **REVISED:** 11/12/2009 **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		AMATA	XANST	PHBPU	GLXMA	SETFA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/25/09	07/25/09	07/25/09	08/14/09	08/14/09	08/14/09
1A»	PREFIX 5.32SL	1.31	LAA 9	99	98	94	0	99	99
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
2A»	BOUNDARY 6.5EC	1.63	LAA 9	99	91	88	0	99	99
B»	TOUCHDN TOTAL	0.78	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
3A»	BOUNDARY 6.5EC	1.63	LAA 9	99	95	92	0	99	99
B»	FLEXSTAR GT 3.	1.24	LAA 12						
C»	COC	1.00	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
4A»	TOUCHDN TOTAL	0.78	LAA 11	97	92	81	0	96	96
B»	LIQUID AMS	2.50	PMV 11						
5A»	TOUCHDN TOTAL	0.78	LAA 11	99	99	97	0	99	99
B»	LIQUID AMS	2.50	PMV 11						
C»	TOUCHDN TOTAL	0.78	LAA 13						
D»	LIQUID AMS	2.50	PMV 13						
6A»	ENVIVE 41.3SG	0.077	LAA 0	99	98	85	0	97	98
B	CLASSIC 25WG	0.017	LAA 9						
C»	HARMONY 50SG	0.005	LAA 9						
D	VALOR 51WG	0.055	LAA 9						
E»	RNDUP POWERMAX	0.77	LAA 12						
F»	LIQUID AMS	2.50	PMV 12						
7A»	ENVIVE 41.3SG	0.077	LAA 0	99	99	92	0	98	99
B	CLASSIC 25WG	0.017	LAA 9						
C»	HARMONY 50SG	0.005	LAA 9						
D	VALOR 51WG	0.055	LAA 9						
E»	RNDUP POWERMAX	0.77	LAA 12						
F»	SYNCHRONY XP 2	0.0067	LAA 12						
G»	LIQUID AMS	2.50	PMV 12						
8A»	ENLITE 47.86WG	0.083	LAA 0	99	99	94	0	98	99
B	CLASSIC 25WG	0.005	LAA 9						
C»	HARMONY 50SG	0.015	LAA 9						
D	VALOR 51WG	0.063	LAA 9						
E»	RNDUP POWERMAX	0.77	LAA 12						
F»	SYNCHRONY XP 2	0.0067	LAA 12						
G»	LIQUID AMS	2.50	PMV 12						
9A»	SONIC 70DF	0.131	LAA 9	99	99	95	0	99	99
B»	DURANGO 4AE	0.75	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A»	SONIC 70DF	0.197	LAA 9	99	99	96	0	99	99
B»	DURANGO 4AE	0.75	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
11A	PROWL H2O 3.8	1.19	LAA 9	99	97	88	0	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A	PROWL H2O 3.8	1.19	LAA 9	99	97	91	0	99	99
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
D	HEADLINE 2.09E	0.098	LAA 15						
E»	ACTIVATOR 90	0.25	PMV 15						
13A	PURSUIT +	0.91	LAA 9	98	98	93	0	99	98
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400

TRT	TREATMENT	DOSAGE		AMATA	XANST	PHBPU	GLXMA	SETFA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				07/25/09	07/25/09	07/25/09	08/14/09	08/14/09	08/14/09
14A	GANGSTER V	0.048	LAA 9	99	97	94	0	99	99
	B GANGSTER FR	0.016	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
15A	A»AUTHOR. FIRST	0.131	LAA 9	98	96	91	0	98	97
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
16A	A»AUTHORITY MTZ	0.34	LAA 9	99	98	94	0	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
17A	A»VALOR XLT 40WG	0.075	LAA 0	99	97	92	0	98	98
	B VALOR 51WG	0.056	LAA 9						
	C CLASSIC 25WG	0.019	LAA 9						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
18A	A»OPTILL 68WG	0.085	LAA 9	99	99	97	0	98	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
19A	A»SHARPEN 2.85L	0.022	LAA 9	99	99	94	0	99	99
	B PROWL H2O 3.8	1.19	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
20A	A CANOPY 75WG	0.188	LAA 9	99	98	93	0	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
21A	CHECK	0.00	NA 0	0	0	0	0	0	0
22A	A»DURANGO 4AE	0.75	LAA 12	99	99	96	0	99	99
	B FIRSTRATE 84WG	0.016	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
	D»DURANGO 4AE	0.75	LAA 14						
	E»LIQUID AMS	2.50	PMV 14						
23A	A»INTRRO 4EC	2.00	LAA 9	99	92	83	0	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
24A	A»V-10233 76WG	0.178	LAA 9	99	96	93	0	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.873	2.00	3.78	0.00	1.08	1.55
STANDARD DEVIATION				0.436	1.00	1.89	0.00	0.54	0.773

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400
CREATED: 04/29/2009 **REVISED:** 11/12/2009 **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	PHBPU	YIELD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	BU/A
				08/14/09	08/14/09	11/06/09
1A»	PREFIX 5.32SL	1.31	LAA 9	97	91	61.3
B»	TOUCHDN TOTAL	0.78	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
2A»	BOUNDARY 6.5EC	1.63	LAA 9	89	86	67.8
B»	TOUCHDN TOTAL	0.78	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
3A»	BOUNDARY 6.5EC	1.63	LAA 9	94	90	63.6
B»	FLEXSTAR GT 3.	1.24	LAA 12			
C»	COC	1.00	PMV 12			
D»	LIQUID AMS	2.50	PMV 12			
4A»	TOUCHDN TOTAL	0.78	LAA 11	89	77	59.5
B»	LIQUID AMS	2.50	PMV 11			
5A»	TOUCHDN TOTAL	0.78	LAA 11	99	97	63.4
B»	LIQUID AMS	2.50	PMV 11			
C»	TOUCHDN TOTAL	0.78	LAA 13			
D»	LIQUID AMS	2.50	PMV 13			
6A»	ENVIVE 41.3SG	0.077	LAA 0	96	87	66.0
B	CLASSIC 25WG	0.017	LAA 9			
C»	HARMONY 50SG	0.005	LAA 9			
D	VALOR 51WG	0.055	LAA 9			
E»	RNDUP POWERMAX	0.77	LAA 12			
F»	LIQUID AMS	2.50	PMV 12			
7A»	ENVIVE 41.3SG	0.077	LAA 0	99	91	68.9
B	CLASSIC 25WG	0.017	LAA 9			
C»	HARMONY 50SG	0.005	LAA 9			
D	VALOR 51WG	0.055	LAA 9			
E»	RNDUP POWERMAX	0.77	LAA 12			
F»	SYNCHRONY XP 2	0.0067	LAA 12			
G»	LIQUID AMS	2.50	PMV 12			
8A»	ENLITE 47.86WG	0.083	LAA 0	99	91	73.1
B	CLASSIC 25WG	0.005	LAA 9			
C»	HARMONY 50SG	0.015	LAA 9			
D	VALOR 51WG	0.063	LAA 9			
E»	RNDUP POWERMAX	0.77	LAA 12			
F»	SYNCHRONY XP 2	0.0067	LAA 12			
G»	LIQUID AMS	2.50	PMV 12			
9A»	SONIC 70DF	0.131	LAA 9	99	94	67.7
B»	DURANGO 4AE	0.75	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
10A»	SONIC 70DF	0.197	LAA 9	98	93	70.4
B»	DURANGO 4AE	0.75	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
11A	PROWL H2O 3.8	1.19	LAA 9	96	84	60.4
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
12A	PROWL H2O 3.8	1.19	LAA 9	96	89	69.5
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			
D	HEADLINE 2.09E	0.098	LAA 15			
E»	ACTIVATOR 90	0.25	PMV 15			
13A	PURSUIT +	0.91	LAA 9	96	92	67.2
B»	RNDUP POWERMAX	0.77	LAA 12			
C»	LIQUID AMS	2.50	PMV 12			

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	XANST CON % 08/14/09	PHBPU CON % 08/14/09	YIELD BU/A 11/06/09
14A	GANGSTER V	0.048	LAA	9	96	93	67.3
	B GANGSTER FR	0.016	LAA	9			
	C»RNDUP POWERMAX	0.77	LAA	12			
	D»LIQUID AMS	2.50	PMV	12			
15A	AUTHOR. FIRST	0.131	LAA	9	95	89	67.1
	B»RNDUP POWERMAX	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
16A	AUTHORITY MTZ	0.34	LAA	9	98	91	64.8
	B»RNDUP POWERMAX	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
17A	VALOR XLT 40WG	0.075	LAA	0	96	90	66.9
	B VALOR 51WG	0.056	LAA	9			
	C CLASSIC 25WG	0.019	LAA	9			
	D»RNDUP POWERMAX	0.77	LAA	12			
	E»LIQUID AMS	2.50	PMV	12			
18A	OPTILL 68WG	0.085	LAA	9	98	96	64.3
	B»RNDUP POWERMAX	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
19A	SHARPEN 2.85L	0.022	LAA	9	99	95	60.5
	B PROWL H2O 3.8	1.19	LAA	9			
	C»RNDUP POWERMAX	0.77	LAA	12			
	D»LIQUID AMS	2.50	PMV	12			
20A	CANOPY 75WG	0.188	LAA	9	98	89	72.9
	B»RNDUP POWERMAX	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
21A	CHECK	0.00	NA	0	0	0	18.6
22A	DURANGO 4AE	0.75	LAA	12	99	94	65.9
	B FIRSTRATE 84WG	0.016	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
	D»DURANGO 4AE	0.75	LAA	14			
	E»LIQUID AMS	2.50	PMV	14			
23A	INTRRO 4EC	2.00	LAA	9	90	78	67.0
	B»RNDUP POWERMAX	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
24A	V-10233 76WG	0.178	LAA	9	95	90	70.4
	B»RNDUP POWERMAX	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
LSD (0.05)					3.14	3.71	8.08
STANDARD DEVIATION					1.57	1.86	4.00

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 06/01/2009(1)
11 = ----- / EPOST 06/22/2009(2)
12 = ----- / POST 06/26/2009(3)
13 = ----- / LPOST 07/10/2009(4)
14 = ----- / VLPOST 07/20/2009(5)
15 = ----- / PO.DIRECTED 07/21/2009(6)

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 %	06/22/2009	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/22/2009	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/22/2009	03	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/22/2009	04	P	XANST	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/22/2009	05	P	PHBPU	00	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/09/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/09/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Soybean Herbicide Systems for Weed Control in RR-Soybean. AS-400

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
008	AMATA	CON %	07/09/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	07/09/2009	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/09/2009	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	07/25/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/25/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/25/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/25/2009	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/25/2009	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	GLXMA	CON %	08/14/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	08/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	08/14/2009	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	XANST	CON %	08/14/2009	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	08/14/2009	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	YIELD	BU/A	11/06/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3205RR

* STAGE CODE

00 = DRY SEED; DORMANCY

13 = 3 LEAVES UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED