

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %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	LIQMI	LIQMI	LIQMI	
APPLICATION DATE	04/23/14	05/21/14	06/01/14	AME
AIR TEMPERATURE	47	82	90	F
% REL.HUMIDITY	42	38	31	
WIND DIRECTION	NORTHEAST	WEST	SOUTH	
WIND SPEED	6.0	7.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	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	DEN / STG MIN / MAX	
CROP *				
P, CORN, DENT DKC63-33RRL (PLANTED) 04/22/2014		---/13 5.00/6.00 29 DAP	---/16 15.0/15.0 40 DAP	IN
PEST *				
P, VELVETLEAF		---/13 1.00/3.00	---/15 2.00/6.00	IN
P, WATERHEMP, COMMO		---/18 1.00/2.00	---/19 2.00/8.00	IN
P, LAMBSQUARTERS, C		---/18 1.00/2.00	---/19 2.00/4.00	IN
P, MORNINGGLORY, TA		---/12 1.00/2.00	---/15 2.00/4.00	IN
P, FOXTAIL, GIANT		---/13 1.00/3.00	---/15 2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE

*** TIMING CODES**

11 = ----- / EPOST
12 = ----- / POST

*** STAGE CODE**

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100
CREATED: 04/13/2014 **REVISED:** 07/18/2014 **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		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON % 05/18/14	CON % 05/18/14	CON % 05/18/14	CON % 05/21/14	CON % 05/18/14	CON % 05/18/14
1A»	VERDICT 5.57L	0.78	LAA 9	0	99	99	99	99	96
B»	RNDUP POWERMAX	1.125	LAA 12						
C»	STATUS 56DG	0.175	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
2A»	VERDICT 5.57L	0.78	LAA 9	0	99	99	99	99	96
B»	RNDUP POWERMAX	1.125	LAA 12						
C»	ARMEZON 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E»	ACTIVATOR 90	0.25	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
3A»	SURESTART II 4	1.30	LAA 9	0	98	99	99	81	65
B»	RNDUP POWERMAX	1.125	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
4A	DUAL II MAGNUM	0.96	LAA 9	0	95	98	98	50	40
B»	HALEX GT 4.38L	1.97	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
5A»	LUMAX EZ 3.67S	1.38	LAA 9	0	97	99	99	99	86
B»	HALEX GT 4.38L	1.97	LAA 12						
C»	ACTIVATOR 90	0.25	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
6A»	CORVUS 2.6SC	0.091	LAA 9	0	79	96	96	99	70
B»	RNDUP POWERMAX	1.125	LAA 12						
C»	LAUDIS 3.5SC	0.082	LAA 12						
D»	COC	1.00	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
7A»	ZIDUA 85WG	0.106	LAA 9	0	97	98	98	98	92
B»	SHARPEN 2.85L	0.045	LAA 9						
C»	RNDUP POWERMAX	1.125	LAA 12						
D»	ARMEZON 2.8SC	0.011	LAA 12						
E	ATRAZINE DF	0.50	LAA 12						
F	OUTLOOK 6EC	0.56	LAA 12						
G»	ACTIVATOR 90	0.25	PMV 12						
H»	LIQUID AMS	2.50	PMV 12						
8A»	VERDICT 5.57L	0.61	LAA 9	0	97	99	99	98	86
B»	RNDUP POWERMAX	1.125	LAA 12						
C»	ARMEZON 2.8SC	0.011	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E	OUTLOOK 6EC	0.56	LAA 12						
F»	ACTIVATOR 90	0.25	PMV 12						
G»	LIQUID AMS	2.50	PMV 12						
9A»	VERDICT 5.57L	0.78	LAA 9	0	99	99	99	99	95
B»	RNDUP POWERMAX	1.125	LAA 12						
C»	ZIDUA 85WG	0.106	LAA 12						
D»	STATUS 56DG	0.175	LAA 12						
E»	ACTIVATOR 90	0.25	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
10A»	VERDICT 5.57L	0.78	LAA 9	0	99	99	99	99	95
B»	RNDUP POWERMAX	1.125	LAA 12						
C	PROWL H2O 3.8	0.95	LAA 12						
D»	STATUS 56DG	0.175	LAA 12						
E»	ACTIVATOR 90	0.25	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
11A»	ZIDUA 85WG	0.106	LAA 9	0	96	99	99	99	92
B»	SHARPEN 2.85L	0.045	LAA 9						
C	ATRAZINE DF	1.00	LAA 9						
D»	RNDUP POWERMAX	1.125	LAA 12						
E»	STATUS 56DG	0.175	LAA 12						

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100

TRT	TREATMENT	DOSAGE	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					05/18/14	05/18/14	05/18/14	05/18/14
	F»ACTIVATOR 90	0.25	PMV	12				
	G»LIQUID AMS	2.50	PMV	12				
12A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99
	B»RNDUP POWERMAX	1.125	LAA	12				95
	C»LIQUID AMS	2.50	PMV	12				
13A»	ANTHEM ATZ 4.5	1.26	LAA	9	0	97	99	91
	B»RNDUP POWERMAX	1.125	LAA	12				85
	C»LIQUID AMS	2.50	PMV	12				
14A	DEGREE XTRA	2.53	LAA	9	0	98	99	73
	B»RNDUP POWERMAX	1.125	LAA	12				70
	C»LIQUID AMS	2.50	PMV	12				
15A	CHECK	0.00	NA	0	0	0	0	0
16A»	CORVUS 2.6SC	0.091	LAA	9	0	90	99	99
	B ATRAZINE DF	1.00	LAA	9				85
	C»RNDUP POWERMAX	1.125	LAA	12				
	D»LAUDIS 3.5SC	0.082	LAA	12				
	E ATRAZINE DF	0.50	LAA	12				
	F»COC	1.00	PMV	12				
	G»LIQUID AMS	2.50	PMV	12				
17A»	RNDUP POWERMAX	1.125	LAA	11	0	C	C	C
	B»SURESTART II 4	1.30	LAA	11				C
	C»LIQUID AMS	2.50	PMV	11				C
18A»	RNDUP POWERMAX	1.125	LAA	11	0	C	C	C
	B»ARMEZON 2.8SC	0.016	LAA	11				C
	C ATRAZINE DF	0.50	LAA	11				
	D OUTLOOK 6EC	0.84	LAA	11				
	E»ACTIVATOR 90	0.25	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
19A»	HALEX GT 4.38L	1.97	LAA	11	0	C	C	C
	B»ACTIVATOR 90	0.25	PMV	11				C
	C»LIQUID AMS	2.50	PMV	11				
20A»	RNDUP POWERMAX	1.125	LAA	11	0	C	C	C
	B»LAUDIS 3.5SC	0.082	LAA	11				C
	C ATRAZINE DF	0.50	LAA	11				
	D»COC	1.00	PMV	11				
	E»LIQUID AMS	2.50	PMV	11				
LSD (0.05)					0.00	2.21	1.00	1.00
STANDARD DEVIATION					0.00	1.10	0.493	0.50
								1.51
								0.749
								5.20
								2.57

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100
CREATED: 04/13/2014 **REVISED:** 07/18/2014 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/29/14	SETFA CON % 05/29/14	CHEAL CON % 05/29/14	AMATA CON % 05/29/14	ABUTH CON % 05/29/14	PHBPU CON % 05/29/14
1A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	98
B»RNDUP POWERMAX	1.125	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
2A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	97
B»RNDUP POWERMAX	1.125	LAA	12						
C»ARMEZON 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
3A»SURESTART II 4	1.30	LAA	9	0	98	99	99	83	70
B»RNDUP POWERMAX	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A DUAL II MAGNUM	0.96	LAA	9	0	97	99	98	63	40
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
5A»LUMAX EZ 3.67S	1.38	LAA	9	0	98	99	99	99	91
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
6A»CORVUS 2.6SC	0.091	LAA	9	0	93	99	98	98	88
B»RNDUP POWERMAX	1.125	LAA	12						
C»LAUDIS 3.5SC	0.082	LAA	12						
D»COC	1.00	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A»ZIDUA 85WG	0.106	LAA	9	0	98	99	99	99	97
B»SHARPEN 2.85L	0.045	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»ARMEZON 2.8SC	0.011	LAA	12						
E ATRAZINE DF	0.50	LAA	12						
F OUTLOOK 6EC	0.56	LAA	12						
G»ACTIVATOR 90	0.25	PMV	12						
H»LIQUID AMS	2.50	PMV	12						
8A»VERDICT 5.57L	0.61	LAA	9	0	95	99	99	96	89
B»RNDUP POWERMAX	1.125	LAA	12						
C»ARMEZON 2.8SC	0.011	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E OUTLOOK 6EC	0.56	LAA	12						
F»ACTIVATOR 90	0.25	PMV	12						
G»LIQUID AMS	2.50	PMV	12						
9A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	96
B»RNDUP POWERMAX	1.125	LAA	12						
C»ZIDUA 85WG	0.106	LAA	12						
D»STATUS 56DG	0.175	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
10A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	97
B»RNDUP POWERMAX	1.125	LAA	12						
C PROWL H2O 3.8	0.95	LAA	12						
D»STATUS 56DG	0.175	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
11A»ZIDUA 85WG	0.106	LAA	9	0	96	99	99	99	98
B»SHARPEN 2.85L	0.045	LAA	9						
C ATRAZINE DF	1.00	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»STATUS 56DG	0.175	LAA	12						

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/29/14	05/29/14	05/29/14	05/29/14	05/29/14
	F»ACTIVATOR 90	0.25	PMV	12					
	G»LIQUID AMS	2.50	PMV	12					
12A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	97
	B»RNDUP POWERMAX	1.125	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
13A»	ANTHEM ATZ 4.5	1.26	LAA	9	0	98	99	99	90
	B»RNDUP POWERMAX	1.125	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
14A	DEGREE XTRA	2.53	LAA	9	0	98	99	99	72
	B»RNDUP POWERMAX	1.125	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
15A	CHECK	0.00	NA	0	0	0	0	0	0
16A»	CORVUS 2.6SC	0.091	LAA	9	0	96	99	99	93
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LAUDIS 3.5SC	0.082	LAA	12					
	E ATRAZINE DF	0.50	LAA	12					
	F»COC	1.00	PMV	12					
	G»LIQUID AMS	2.50	PMV	12					
17A»	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	92
	B»SURESTART II 4	1.30	LAA	11					
	C»LIQUID AMS	2.50	PMV	11					
18A»	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	98
	B»ARMEZON 2.8SC	0.016	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D OUTLOOK 6EC	0.84	LAA	11					
	E»ACTIVATOR 90	0.25	PMV	11					
	F»LIQUID AMS	2.50	PMV	11					
19A»	HALEX GT 4.38L	1.97	LAA	11	0	98	99	99	97
	B»ACTIVATOR 90	0.25	PMV	11					
	C»LIQUID AMS	2.50	PMV	11					
20A»	RNDUP POWERMAX	1.125	LAA	11	2	97	99	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D»COC	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
LSD (0.05)					0.564	2.41	0.00	0.61	5.33
STANDARD DEVIATION					0.279	1.19	0.00	0.302	2.64

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100
CREATED: 04/13/2014 **REVISED:** 07/18/2014 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/11/14	SETFA CON % 06/11/14	CHEAL CON % 06/11/14	AMATA CON % 06/11/14	ABUTH CON % 06/11/14	PHBPU CON % 06/11/14
1A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
2A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»ARMEZON 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
3A»SURESTART II 4	1.30	LAA	9	0	99	99	99	99	86
B»RNDUP POWERMAX	1.125	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A DUAL II MAGNUM	0.96	LAA	9	0	99	99	99	99	86
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
5A»LUMAX EZ 3.67S	1.38	LAA	9	0	99	99	99	99	98
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
6A»CORVUS 2.6SC	0.091	LAA	9	0	99	99	99	99	97
B»RNDUP POWERMAX	1.125	LAA	12						
C»LAUDIS 3.5SC	0.082	LAA	12						
D»COC	1.00	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A»ZIDUA 85WG	0.106	LAA	9	0	99	99	99	99	99
B»SHARPEN 2.85L	0.045	LAA	9						
C»RNDUP POWERMAX	1.125	LAA	12						
D»ARMEZON 2.8SC	0.011	LAA	12						
E ATRAZINE DF	0.50	LAA	12						
F OUTLOOK 6EC	0.56	LAA	12						
G»ACTIVATOR 90	0.25	PMV	12						
H»LIQUID AMS	2.50	PMV	12						
8A»VERDICT 5.57L	0.61	LAA	9	0	99	99	99	99	98
B»RNDUP POWERMAX	1.125	LAA	12						
C»ARMEZON 2.8SC	0.011	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E OUTLOOK 6EC	0.56	LAA	12						
F»ACTIVATOR 90	0.25	PMV	12						
G»LIQUID AMS	2.50	PMV	12						
9A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C»ZIDUA 85WG	0.106	LAA	12						
D»STATUS 56DG	0.175	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
10A»VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	99
B»RNDUP POWERMAX	1.125	LAA	12						
C PROWL H2O 3.8	0.95	LAA	12						
D»STATUS 56DG	0.175	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
11A»ZIDUA 85WG	0.106	LAA	9	0	99	99	99	99	99
B»SHARPEN 2.85L	0.045	LAA	9						
C ATRAZINE DF	1.00	LAA	9						
D»RNDUP POWERMAX	1.125	LAA	12						
E»STATUS 56DG	0.175	LAA	12						

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/11/14	SETFA CON % 06/11/14	CHEAL CON % 06/11/14	AMATA CON % 06/11/14	ABUTH CON % 06/11/14	PHBPU CON % 06/11/14
	F»ACTIVATOR 90	0.25	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
12A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	97
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	ANTHEM ATZ 4.5	1.26	LAA	9	0	99	99	99	99	96
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A	DEGREE XTRA	2.53	LAA	9	0	99	99	99	99	87
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A»	CORVUS 2.6SC	0.091	LAA	9	0	99	99	99	99	98
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS 3.5SC	0.082	LAA	12						
	E ATRAZINE DF	0.50	LAA	12						
	F»COC	1.00	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
17A»	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	99	88
	B»SURESTART II 4	1.30	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
18A»	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	99	93
	B»ARMEZON 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D OUTLOOK 6EC	0.84	LAA	11						
	E»ACTIVATOR 90	0.25	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
19A»	HALEX GT 4.38L	1.97	LAA	11	0	98	99	99	99	95
	B»ACTIVATOR 90	0.25	PMV	11						
	C»LIQUID AMS	2.50	PMV	11						
20A»	RNDUP POWERMAX	1.125	LAA	11	0	96	99	99	99	91
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
LSD (0.05)					0.00	0.944	0.00	0.00	0.00	3.48
STANDARD DEVIATION					0.00	0.467	0.00	0.00	0.00	1.72

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100

CREATED: 04/13/2014 REVISED: 07/18/2014

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		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/29/14	06/29/14	06/29/14	06/29/14	06/29/14
1A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99
B»	RNDUP POWERMAX	1.125	LAA	12					
C»	STATUS 56DG	0.175	LAA	12					
D»	ACTIVATOR 90	0.25	PMV	12					
E»	LIQUID AMS	2.50	PMV	12					
2A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	98
B»	RNDUP POWERMAX	1.125	LAA	12					
C»	ARMEZON 2.8SC	0.016	LAA	12					
D	ATRAZINE DF	0.50	LAA	12					
E»	ACTIVATOR 90	0.25	PMV	12					
F»	LIQUID AMS	2.50	PMV	12					
3A»	SURESTART II 4	1.30	LAA	9	0	99	99	99	83
B»	RNDUP POWERMAX	1.125	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
4A	DUAL II MAGNUM	0.96	LAA	9	0	99	99	99	88
B»	HALEX GT 4.38L	1.97	LAA	12					
C»	ACTIVATOR 90	0.25	PMV	12					
D»	LIQUID AMS	2.50	PMV	12					
5A»	LUMAX EZ 3.67S	1.38	LAA	9	0	99	99	99	97
B»	HALEX GT 4.38L	1.97	LAA	12					
C»	ACTIVATOR 90	0.25	PMV	12					
D»	LIQUID AMS	2.50	PMV	12					
6A»	CORVUS 2.6SC	0.091	LAA	9	0	99	99	99	96
B»	RNDUP POWERMAX	1.125	LAA	12					
C»	LAUDIS 3.5SC	0.082	LAA	12					
D»	COC	1.00	PMV	12					
E»	LIQUID AMS	2.50	PMV	12					
7A»	ZIDUA 85WG	0.106	LAA	9	0	99	99	99	99
B»	SHARPEN 2.85L	0.045	LAA	9					
C»	RNDUP POWERMAX	1.125	LAA	12					
D»	ARMEZON 2.8SC	0.011	LAA	12					
E	ATRAZINE DF	0.50	LAA	12					
F	OUTLOOK 6EC	0.56	LAA	12					
G»	ACTIVATOR 90	0.25	PMV	12					
H»	LIQUID AMS	2.50	PMV	12					
8A»	VERDICT 5.57L	0.61	LAA	9	0	99	99	99	97
B»	RNDUP POWERMAX	1.125	LAA	12					
C»	ARMEZON 2.8SC	0.011	LAA	12					
D	ATRAZINE DF	0.50	LAA	12					
E	OUTLOOK 6EC	0.56	LAA	12					
F»	ACTIVATOR 90	0.25	PMV	12					
G»	LIQUID AMS	2.50	PMV	12					
9A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99
B»	RNDUP POWERMAX	1.125	LAA	12					
C»	ZIDUA 85WG	0.106	LAA	12					
D»	STATUS 56DG	0.175	LAA	12					
E»	ACTIVATOR 90	0.25	PMV	12					
F»	LIQUID AMS	2.50	PMV	12					
10A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99
B»	RNDUP POWERMAX	1.125	LAA	12					
C	PROWL H2O 3.8	0.95	LAA	12					
D»	STATUS 56DG	0.175	LAA	12					
E»	ACTIVATOR 90	0.25	PMV	12					
F»	LIQUID AMS	2.50	PMV	12					
11A»	ZIDUA 85WG	0.106	LAA	9	0	99	99	99	99
B»	SHARPEN 2.85L	0.045	LAA	9					
C	ATRAZINE DF	1.00	LAA	9					
D»	RNDUP POWERMAX	1.125	LAA	12					
E»	STATUS 56DG	0.175	LAA	12					

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/29/14	06/29/14	06/29/14	06/29/14	06/29/14
	F»ACTIVATOR 90	0.25	PMV	12					
	G»LIQUID AMS	2.50	PMV	12					
12A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	97
	B»RNDUP POWERMAX	1.125	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
13A»	ANTHEM ATZ 4.5	1.26	LAA	9	0	99	99	99	95
	B»RNDUP POWERMAX	1.125	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
14A	DEGREE XTRA	2.53	LAA	9	0	98	99	99	89
	B»RNDUP POWERMAX	1.125	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
15A	CHECK	0.00	NA	0	0	0	0	0	0
16A»	CORVUS 2.6SC	0.091	LAA	9	0	99	99	99	98
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LAUDIS 3.5SC	0.082	LAA	12					
	E ATRAZINE DF	0.50	LAA	12					
	F»COC	1.00	PMV	12					
	G»LIQUID AMS	2.50	PMV	12					
17A»	RNDUP POWERMAX	1.125	LAA	11	0	98	99	99	82
	B»SURESTART II 4	1.30	LAA	11					
	C»LIQUID AMS	2.50	PMV	11					
18A»	RNDUP POWERMAX	1.125	LAA	11	0	98	99	99	83
	B»ARMEZON 2.8SC	0.016	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D OUTLOOK 6EC	0.84	LAA	11					
	E»ACTIVATOR 90	0.25	PMV	11					
	F»LIQUID AMS	2.50	PMV	11					
19A»	HALEX GT 4.38L	1.97	LAA	11	0	97	99	99	89
	B»ACTIVATOR 90	0.25	PMV	11					
	C»LIQUID AMS	2.50	PMV	11					
20A»	RNDUP POWERMAX	1.125	LAA	11	0	97	99	99	87
	B»LAUDIS 3.5SC	0.082	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D»COC	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
LSD (0.05)					0.00	0.689	0.00	0.00	0.426
STANDARD DEVIATION					0.00	0.341	0.00	0.00	1.74

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 04/23/2014(1)

11 = ----- / EPOST 05/21/2014(2)

12 = ----- / POST 06/01/2014(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/18/2014	01	P	ZEAMD	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/18/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/18/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/21/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/18/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/18/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	05/29/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	05/29/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	05/29/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	05/29/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	05/29/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	05/29/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BASF Herbicide System Comparisons for Weed Control in RR/LL Corn. AS-100

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
013	ZEAMD	CON %	06/11/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/11/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/11/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	06/11/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	06/11/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/11/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ZEAMD	CON %	06/29/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	06/29/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	06/29/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMATA	CON %	06/29/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	ABUTH	CON %	06/29/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	PHBPU	CON %	06/29/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DKC63-33RRL

* STAGE CODE

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