

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	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/24/15	05/15/15	05/28/15	AME
AIR TEMPERATURE	52	75	78	F
% REL.HUMIDITY	35	58	41	
WIND DIRECTION	SOUTH	SOUTHWEST	EAST	
WIND SPEED	6.0	9.0	6.0	M/H
CLOUD COVER	PAR.CLOUD	PAR.CLOUD	CLEAR-0%	
DEW	TO BE SEL	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
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	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, CORN, DENT		---/12	---/15	
GH G10 D98-3122		5.00/5.00	12.0/12.0	IN
(PLANTED) 04/24/2015		21 DAP	34 DAP	
PEST *				
P, VELVETLEAF		---/12 0.50/1.50	---/15 3.00/5.00	IN
P, WATERHEMP, COMMO		---/14 0.50/1.00	---/19 2.00/4.00	IN
P, LAMBSQUARTERS, C		---/12 0.50/1.00	---/19 1.00/3.00	IN
P, MORNINGGLORY, TA		---/12 1.00/1.00	---/17 2.00/4.00	IN
P, FOXTAIL, GIANT		---/12 1.00/3.00	---/15 2.00/6.00	IN
P, COCKLEBUR, COMMO		---/12 0.50/2.00	---/16 2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES UNFOLDED
12 = 2 LEAVES UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200
 CREATED: 04/14/2015 REVISED: 10/22/2015 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 % 05/21/15	ZEAMD CON % 05/24/15	SETFA CON % 05/24/15	CHEAL CON % 05/24/15	AMATA CON % 05/24/15	ABUTH CON % 05/24/15
1A»ZIDUA SC 4.17	0.168	LAA	9	C	0	99	97	99	73
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
2A»ZIDUA SC 4.17	0.168	LAA	9	C	0	98	99	99	67
B»RNDUP POWERMAX	0.77	LAA	12						
C»ARMEZON 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
3A»VERDICT 5.57L	0.78	LAA	9	C	0	98	99	99	89
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
4A»VERDICT 5.57L	0.78	LAA	9	C	0	98	99	99	93
B»RNDUP POWERMAX	0.77	LAA	12						
C»ARMEZON 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
5A DUAL II MAGNUM	1.55	LAA	9	C	0	99	75	92	23
B»RNDUP POWERMAX	0.77	LAA	12						
C»LAUDIS 3.5SC	0.082	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
6A DUAL II MAGNUM	1.55	LAA	9	C	0	99	72	95	27
B»RNDUP POWERMAX	0.77	LAA	12						
C»CALLISTO XTRA	0.69	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A»CORVUS 2.6SC	0.114	LAA	9	C	0	78	99	99	98
B»RNDUP POWERMAX	0.77	LAA	12						
C»DIFLEXX 4L	0.375	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
8A HARNESS XTRA	2.24	LAA	9	C	0	99	99	99	60
B IMPACT 2.8SC	0.016	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»MSO	1.00	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
9A HARNESS XTRA	2.24	LAA	9	C	0	98	99	99	58
B»RNDUP POWERMAX	1.125	LAA	12						
C IMPACT 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
10A HARNESS XTRA	2.24	LAA	9	C	0	99	99	99	60
B»STATUS 56DG	0.105	LAA	12						
C IMPACT 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/21/15	ZEAMD CON % 05/24/15	SETFA CON % 05/24/15	CHEAL CON % 05/24/15	AMATA CON % 05/24/15	ABUTH CON % 05/24/15
11A	DUAL II MAGNUM	1.12	LAA	9	3	0	99	99	99	99
	B»LIBERTY 2.34L	0.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
12A	DUAL II MAGNUM	1.12	LAA	9	2	1	99	99	99	99
	B»INTERLINE 2.34	0.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	1	1	99	99	99	99
	B»BAS 677 03H 5.	0.84	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
14A»	HALEX GT 4.38L	2.19	LAA	11	3	1	99	99	99	99
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
15A»	CAPRENO 3.45 S	0.081	LAA	11	3	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	11						
	C»RNDUP POWERMAX	0.77	LAA	11						
	D»DESTINY HC	0.50	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
16A»	ANTHEM ATZ 4.5	1.41	LAA	11	6	4	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
17A	CHECK	0.00	NA	0	0	0	99	99	99	99
18A	HARNESS XTRA	2.24	LAA	11	9	7	99	99	99	99
	B IMPACT 2.8SC	0.022	LAA	11						
	C»MSO	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
19A»	HALEX GT 4.38L	1.97	LAA	11	3	3	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
20A»	RNDUP POWERMAX	1.125	LAA	11	0	1	99	99	99	99
	B»WARRANT 3L	1.125	LAA	11						
	C»STATUS 56DG	0.088	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»ACTIVATOR 90	0.25	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
LSD (0.05)					2.09	1.76	1.40	3.53	2.72	9.86
STANDARD DEVIATION					1.00	0.869	0.692	1.74	1.35	4.88

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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		PHBPU	XANST	ZEAMD	ZEAMD	SETFA	CHEAL
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/24/15	05/24/15	06/04/15	06/10/15	06/10/15	06/10/15
1A»	ZIDUA SC 4.17	0.168	LAA 9	63	50	9	4	97	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»STATUS 56DG	0.175	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
2A»	ZIDUA SC 4.17	0.168	LAA 9	58	40	3	0	98	98
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»ARMEZON 2.8SC	0.016	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»MSO	1.00	PMV 12						
	F»LIQUID AMS	2.50	PMV 12						
3A»	VERDICT 5.57L	0.78	LAA 9	87	75	9	4	97	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»STATUS 56DG	0.175	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
4A»	VERDICT 5.57L	0.78	LAA 9	90	80	4	0	98	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»ARMEZON 2.8SC	0.016	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»MSO	1.00	PMV 12						
	F»LIQUID AMS	2.50	PMV 12						
5A	DUAL II MAGNUM	1.55	LAA 9	13	13	2	0	98	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LAUDIS 3.5SC	0.082	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»ACTIVATOR 90	0.25	PMV 12						
	F»LIQUID AMS	2.50	PMV 12						
6A	DUAL II MAGNUM	1.55	LAA 9	13	13	4	0	98	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»CALLISTO XTRA	0.69	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
7A»	CORVUS 2.6SC	0.114	LAA 9	63	53	16	10	96	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»DIFLEXX 4L	0.375	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
8A	HARNESS XTRA	2.24	LAA 9	60	57	3	0	98	99
	B IMPACT 2.8SC	0.016	LAA 12						
	C ATRAZINE DF	0.50	LAA 12						
	D»MSO	1.00	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
9A	HARNESS XTRA	2.24	LAA 9	43	37	5	0	98	99
	B»RNDUP POWERMAX	1.125	LAA 12						
	C IMPACT 2.8SC	0.016	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»MSO	1.00	PMV 12						
	F»LIQUID AMS	2.50	PMV 12						
10A	HARNESS XTRA	2.24	LAA 9	50	47	7	3	96	99
	B»STATUS 56DG	0.105	LAA 12						
	C IMPACT 2.8SC	0.016	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»MSO	1.00	PMV 12						
	F»LIQUID AMS	2.50	PMV 12						

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200

TRT	TREATMENT	DOSAGE	PHBPU	XANST	ZEAMD	ZEAMD	SETFA	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					05/24/15	05/24/15	06/04/15	06/10/15		
11A	DUAL II MAGNUM	1.12	LAA	9	99	99	C	0	92	87
	B»LIBERTY 2.34L	0.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
12A	DUAL II MAGNUM	1.12	LAA	9	99	99	C	0	94	99
	B»INTERLINE 2.34	0.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	99	99	C	0	97	99
	B»BAS 677 03H 5.	0.84	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
14A»	HALEX GT 4.38L	2.19	LAA	11	99	99	C	0	92	99
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
15A»	CAPRENO 3.45 S	0.081	LAA	11	99	99	C	0	77	99
	B ATRAZINE DF	1.00	LAA	11						
	C»RNDUP POWERMAX	0.77	LAA	11						
	D»DESTINY HC	0.50	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
16A»	ANTHEM ATZ 4.5	1.41	LAA	11	99	99	C	0	96	99
	B»RNDUP POWERMAX	0.77	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
17A	CHECK	0.00	NA	0	99	99	C	0	0	0
18A	HARNESS XTRA	2.24	LAA	11	99	99	C	0	97	99
	B IMPACT 2.8SC	0.022	LAA	11						
	C»MSO	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
19A»	HALEX GT 4.38L	1.97	LAA	11	99	99	C	0	88	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
20A»	RNDUP POWERMAX	1.125	LAA	11	99	99	C	0	78	99
	B»WARRANT 3L	1.125	LAA	11						
	C»STATUS 56DG	0.088	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»ACTIVATOR 90	0.25	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
LSD (0.05)					11.07	11.80	1.30	1.06	4.75	3.24
STANDARD DEVIATION					5.48	5.84	0.643	0.526	2.35	1.60

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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	ABUTH	PHBPU	XANST	ZEAMD	SETFA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/10/15	06/10/15	06/10/15	06/10/15	06/28/15	06/28/15
1A»	ZIDUA SC 4.17	0.168	LAA 9	99	99	87	87	0	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	STATUS 56DG	0.175	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
2A»	ZIDUA SC 4.17	0.168	LAA 9	99	98	86	85	0	97
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ARMEZON 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E»	MISO	1.00	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
3A»	VERDICT 5.57L	0.78	LAA 9	99	99	90	87	0	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	STATUS 56DG	0.175	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
4A»	VERDICT 5.57L	0.78	LAA 9	99	99	91	87	0	97
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	ARMEZON 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E»	MISO	1.00	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
5A	DUAL II MAGNUM	1.55	LAA 9	98	99	80	81	0	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LAUDIS 3.5SC	0.082	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E»	ACTIVATOR 90	0.25	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
6A	DUAL II MAGNUM	1.55	LAA 9	99	99	80	86	0	94
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	CALLISTO XTRA	0.69	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
7A»	CORVUS 2.6SC	0.114	LAA 9	99	99	86	90	0	83
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	DIFLEXX 4L	0.375	LAA 12						
D»	ACTIVATOR 90	0.25	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
8A	HARNESS XTRA	2.24	LAA 9	99	99	78	82	0	96
B	IMPACT 2.8SC	0.016	LAA 12						
C	ATRAZINE DF	0.50	LAA 12						
D»	MISO	1.00	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
9A	HARNESS XTRA	2.24	LAA 9	99	99	82	82	0	95
B»	RNDUP POWERMAX	1.125	LAA 12						
C	IMPACT 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E»	MISO	1.00	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						
10A	HARNESS XTRA	2.24	LAA 9	99	99	85	85	0	92
B»	STATUS 56DG	0.105	LAA 12						
C	IMPACT 2.8SC	0.016	LAA 12						
D	ATRAZINE DF	0.50	LAA 12						
E»	MISO	1.00	PMV 12						
F»	LIQUID AMS	2.50	PMV 12						

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200

TRT	TREATMENT	DOSAGE		AMATA	ABUTH	PHBPU	XANST	ZEAMD	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/10/15	06/10/15	06/10/15	06/10/15	06/28/15
11A	DUAL II MAGNUM	1.12	LAA	9	93	67	53	53	88
	B»LIBERTY 2.34L	0.40	LAA	11				0	
	C»LIQUID AMS	2.50	PMV	11					
12A	DUAL II MAGNUM	1.12	LAA	9	90	92	63	43	93
	B»INTERLINE 2.34	0.40	LAA	11				0	
	C»LIQUID AMS	2.50	PMV	11					
13A	»RNDUP POWERMAX	0.77	LAA	11	98	98	70	53	97
	B»BAS 677 03H 5.	0.84	LAA	11				0	
	C ATRAZINE DF	1.00	LAA	11					
	D»ACTIVATOR 90	0.25	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
14A	»HALEX GT 4.38L	2.19	LAA	11	97	99	73	68	85
	B ATRAZINE DF	1.00	LAA	11				0	
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
15A	»CAPRENO 3.45 S	0.081	LAA	11	88	99	60	57	70
	B ATRAZINE DF	1.00	LAA	11				0	
	C»RNDUP POWERMAX	0.77	LAA	11					
	D»DESTINY HC	0.50	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
16A	»ANTHEM ATZ 4.5	1.41	LAA	11	95	99	67	67	93
	B»RNDUP POWERMAX	0.77	LAA	11				0	
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
17A	CHECK	0.00	NA	0	0	0	0	0	0
18A	HARNESS XTRA	2.24	LAA	11	99	99	60	65	95
	B IMPACT 2.8SC	0.022	LAA	11				0	
	C»MSO	0.50	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
19A	»HALEX GT 4.38L	1.97	LAA	11	95	99	60	67	80
	B ATRAZINE DF	0.50	LAA	11				0	
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
20A	»RNDUP POWERMAX	1.125	LAA	11	93	95	68	60	70
	B»WARRANT 3L	1.125	LAA	11				0	
	C»STATUS 56DG	0.088	LAA	11					
	D ATRAZINE DF	0.50	LAA	11					
	E»ACTIVATOR 90	0.25	PMV	11					
	F»LIQUID AMS	2.50	PMV	11					
LSD (0.05)					7.00	4.53	7.69	7.00	7.93
STANDARD DEVIATION					3.48	2.24	3.81	3.47	3.92

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200
 CREATED: 04/14/2015 REVISED: 10/22/2015 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	CHEAL CON % 06/28/15	AMATA CON % 06/28/15	ABUTH CON % 06/28/15	PHBPU CON % 06/28/15	XANST CON % 06/28/15	YIELD BU/A 10/01/15
1A»ZIDUA SC 4.17	0.168	LAA	9	99	99	99	68	73	216.2
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
2A»ZIDUA SC 4.17	0.168	LAA	9	99	99	99	73	68	211.1
B»RNDUP POWERMAX	0.77	LAA	12						
C»ARMEZON 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
3A»VERDICT 5.57L	0.78	LAA	9	99	99	99	73	73	217.6
B»RNDUP POWERMAX	0.77	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
4A»VERDICT 5.57L	0.78	LAA	9	99	99	99	78	73	209.5
B»RNDUP POWERMAX	0.77	LAA	12						
C»ARMEZON 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
5A DUAL II MAGNUM	1.55	LAA	9	99	98	99	70	67	211.3
B»RNDUP POWERMAX	0.77	LAA	12						
C»LAUDIS 3.5SC	0.082	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»ACTIVATOR 90	0.25	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
6A DUAL II MAGNUM	1.55	LAA	9	99	99	99	70	73	223.1
B»RNDUP POWERMAX	0.77	LAA	12						
C»CALLISTO XTRA	0.69	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
7A»CORVUS 2.6SC	0.114	LAA	9	99	99	99	73	77	209.3
B»RNDUP POWERMAX	0.77	LAA	12						
C»DIFLEXX 4L	0.375	LAA	12						
D»ACTIVATOR 90	0.25	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
8A HARNESS XTRA	2.24	LAA	9	99	99	99	70	70	201.3
B IMPACT 2.8SC	0.016	LAA	12						
C ATRAZINE DF	0.50	LAA	12						
D»MSO	1.00	PMV	12						
E»LIQUID AMS	2.50	PMV	12						
9A HARNESS XTRA	2.24	LAA	9	99	99	99	62	63	221.6
B»RNDUP POWERMAX	1.125	LAA	12						
C IMPACT 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						
10A HARNESS XTRA	2.24	LAA	9	99	99	99	65	72	213.1
B»STATUS 56DG	0.105	LAA	12						
C IMPACT 2.8SC	0.016	LAA	12						
D ATRAZINE DF	0.50	LAA	12						
E»MSO	1.00	PMV	12						
F»LIQUID AMS	2.50	PMV	12						

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200

TRT	TREATMENT	DOSAGE	CHEAL	AMATA	ABUTH	PHBPU	XANST	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	BU/A	
					06/28/15	06/28/15	06/28/15	06/28/15	10/01/15	
11A	DUAL II MAGNUM	1.12	LAA	9	82	96	53	20	30	181.5
	B»LIBERTY 2.34L	0.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
12A	DUAL II MAGNUM	1.12	LAA	9	98	90	81	27	23	207.4
	B»INTERLINE 2.34	0.40	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	99	98	90	52	27	219.2
	B»BAS 677 03H 5.	0.84	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
14A»	HALEX GT 4.38L	2.19	LAA	11	99	96	98	53	45	217.5
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
15A»	CAPRENO 3.45 S	0.081	LAA	11	99	83	93	40	30	214.7
	B ATRAZINE DF	1.00	LAA	11						
	C»RNDUP POWERMAX	0.77	LAA	11						
	D»DESTINY HC	0.50	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
16A»	ANTHEM ATZ 4.5	1.41	LAA	11	99	95	96	50	37	223.3
	B»RNDUP POWERMAX	0.77	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
17A	CHECK	0.00	NA	0	0	0	0	0	0	140.3
18A	HARNESS XTRA	2.24	LAA	11	99	99	99	33	33	214.0
	B IMPACT 2.8SC	0.022	LAA	11						
	C»MSO	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
19A»	HALEX GT 4.38L	1.97	LAA	11	99	93	99	40	33	220.8
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
20A»	RNDUP POWERMAX	1.125	LAA	11	99	92	75	43	37	221.9
	B»WARRANT 3L	1.125	LAA	11						
	C»STATUS 56DG	0.088	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»ACTIVATOR 90	0.25	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
LSD (0.05)					1.40	6.28	7.78	9.00	10.44	27.27
STANDARD DEVIATION					0.692	3.11	3.85	4.43	5.16	13.49

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 04/24/2015(1)
 11 = --- / EPOST 05/15/2015(2)
 12 = --- / POST 05/28/2015(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 %	05/21/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	05/24/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	05/24/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/24/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/24/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/24/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/24/2015	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST	CON %	05/24/2015	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/04/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: BASF Weed Control Systems in RR/LL Corn. AS-200

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
010	ZEAMD	CON %	06/10/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	06/10/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	06/10/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	06/10/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/10/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/10/2015	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	XANST	CON %	06/10/2015	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	06/28/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/28/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	06/28/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMATA	CON %	06/28/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ABUTH	CON %	06/28/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	PHBPU	CON %	06/28/2015	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	XANST	CON %	06/28/2015	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	YIELD	BU/A	10/01/2015	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = GH G10 D98-3122