

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	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/23/14	05/21/14	06/01/14	AME
AIR TEMPERATURE	45	80	88	F
% REL.HUMIDITY	42	41	31	
WIND DIRECTION	NORTHEAST	SOUTHWEST	SOUTH	
WIND SPEED	7.0	7.0	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
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 1.00/2.00	---/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 1.00/4.00	---/15 2.00/6.00	IN
P, COCKLEBUR, COMMO		---/12 2.00/4.00	---/16 2.00/8.00	IN

*** TIMING CODES**

09 = ----- / PREEMERGENCE
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
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200
CREATED: 04/13/2014 **REVISED:** 11/05/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 05/18/14	CON % 05/18/14	CON % 05/18/14	CON % 05/18/14	CON % 05/18/14	CON % 05/18/14
1A»	LEXAR EZ 3.7SC	3.24	LAA	9	0	96	99	99	99	96
2A»	LUMAX EZ 3.67S	2.98	LAA	9	0	94	99	99	99	93
3A»	CORVUS 2.6SC	0.114	LAA	9	0	92	99	99	99	83
	B ATRAZINE DF	1.50	LAA	9						
4A»	VERDICT 5.57L	0.78	LAA	9	0	98	99	99	99	96
	B ATRAZINE DF	1.50	LAA	9						
5A»	KEYSTONE NXT 5	3.50	LAA	9	0	99	99	99	99	84
	B»HORNET 68.5WG	0.171	LAA	9						
6A»	LUMAX EZ 3.67S	1.38	LAA	9	0	93	99	99	99	73
	B»HALEX GT 4.38L	1.97	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
7A»	CORVUS 2.6SC	0.051	LAA	9	0	86	99	99	99	78
	B ATRAZINE DF	1.50	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A»	VERDICT 5.57L	0.61	LAA	9	0	98	99	99	99	93
	B ATRAZINE DF	1.50	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	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	INSTIGATE	6.00	OMA	0	0	90	99	99	99	87
	B RESOLVE 25DF	0.0156	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D CINCH ATZ	2.06	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.125	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
10A»	SURESTART II 4	1.04	LAA	9	0	93	98	97	84	63
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	SURESTART II 4	1.04	LAA	9	0	94	99	99	90	77
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A»	SURESTART II 4	1.04	LAA	9	0	95	99	99	83	52
	B»SURESTART II 4	0.78	LAA	12						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
13A»	SURESTART II 4	1.04	LAA	11	0	C	C	C	C	C
	B»DURANGO 4AE	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON % 05/18/14	SETFA CON % 05/18/14	CHEAL CON % 05/18/14	AMATA CON % 05/18/14	ABUTH CON % 05/18/14	PHBPU CON % 05/18/14
		RATE	UNIT TM						
15A	HALEX GT 4.38L	1.97	LAA 11	0	C	C	C	C	C
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
16A	CALLISTO GT 4.	1.05	LAA 11	0	C	C	C	C	C
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
17A	RNDUP POWERMAX	1.125	LAA 11	0	C	C	C	C	C
	B»STATUS 56DG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	RNDUP POWERMAX	1.125	LAA 11	0	C	C	C	C	C
	B»STATUS 56DG	0.175	LAA 11						
	C»WARRANT 3L	1.125	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		0.00	7.09	0.449	0.778	3.13	8.44
		STANDARD DEVIATION		0.00	3.51	0.222	0.385	1.55	4.18

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200
CREATED: 04/13/2014 **REVISED:** 11/05/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14
1A»	LEXAR EZ 3.7SC	3.24	LAA	9	0	97	99	99	99	98
2A»	LUMAX EZ 3.67S	2.98	LAA	9	0	94	99	99	99	96
3A»	CORVUS 2.6SC	0.114	LAA	9	0	94	99	99	99	95
	B ATRAZINE DF	1.50	LAA	9						
4A»	VERDICT 5.57L	0.78	LAA	9	0	98	99	99	99	97
	B ATRAZINE DF	1.50	LAA	9						
5A»	KEYSTONE NXT 5	3.50	LAA	9	0	99	99	99	99	89
	B»HORNET 68.5WG	0.171	LAA	9						
6A»	LUMAX EZ 3.67S	1.38	LAA	9	0	87	99	99	99	70
	B»HALEX GT 4.38L	1.97	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
7A»	CORVUS 2.6SC	0.051	LAA	9	0	78	99	99	99	84
	B ATRAZINE DF	1.50	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A»	VERDICT 5.57L	0.61	LAA	9	0	93	99	99	99	92
	B ATRAZINE DF	1.50	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	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	INSTIGATE	6.00	OMA	0	0	93	99	99	99	94
	B RESOLVE 25DF	0.0156	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D CINCH ATZ	2.06	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.125	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
10A»	SURESTART II 4	1.04	LAA	9	0	96	99	99	99	67
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	SURESTART II 4	1.04	LAA	9	0	94	99	99	99	72
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A»	SURESTART II 4	1.04	LAA	9	0	98	99	99	98	60
	B»SURESTART II 4	0.78	LAA	12						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
13A»	SURESTART II 4	1.04	LAA	11	0	99	99	99	99	90
	B»DURANGO 4AE	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT TM	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14	CON % 05/29/14
15A	HALEX GT 4.38L	1.97	LAA 11	0	98	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						
16A	CALLISTO GT 4.	1.05	LAA 11	0	97	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						
17A	RNDUP POWERMAX	1.125	LAA 11	0	99	99	99	99	97
	B»STATUS 56DG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	RNDUP POWERMAX	1.125	LAA 11	0	99	99	99	99	96
	B»STATUS 56DG	0.175	LAA 11						
	C»WARRANT 3L	1.125	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		0.00	4.76	0.00	0.00	0.898	7.39
		STANDARD DEVIATION		0.00	2.36	0.00	0.00	0.444	3.66

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200
CREATED: 04/13/2014 **REVISED:** 11/05/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE			XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/29/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14
1A»	LEXAR EZ 3.7SC	3.24	LAA	9	98	0	93	99	99	99
2A»	LUMAX EZ 3.67S	2.98	LAA	9	97	0	92	99	99	99
3A»	CORVUS 2.6SC	0.114	LAA	9	97	0	92	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
4A»	VERDICT 5.57L	0.78	LAA	9	98	0	98	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
5A»	KEYSTONE NXT 5	3.50	LAA	9	93	0	66	99	99	99
	B»HORNET 68.5WG	0.171	LAA	9						
6A»	LUMAX EZ 3.67S	1.38	LAA	9	77	0	99	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
7A»	CORVUS 2.6SC	0.051	LAA	9	80	0	99	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A»	VERDICT 5.57L	0.61	LAA	9	94	0	99	99	99	99
	B ATRAZINE DF	1.50	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	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	INSTIGATE	6.00	OMA	0	96	0	99	99	99	99
	B RESOLVE 25DF	0.0156	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D CINCH ATZ	2.06	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.125	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
10A»	SURESTART II 4	1.04	LAA	9	72	0	99	99	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	SURESTART II 4	1.04	LAA	9	73	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A»	SURESTART II 4	1.04	LAA	9	58	0	99	99	99	99
	B»SURESTART II 4	0.78	LAA	12						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
13A»	SURESTART II 4	1.04	LAA	11	93	0	99	99	99	99
	B»DURANGO 4AE	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT TM	CON % 05/29/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14
15A	HALEX GT 4.38L	1.97	LAA 11	99	0	97	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
16A	CALLISTO GT 4.	1.05	LAA 11	99	0	90	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
17A	RNDUP POWERMAX	1.125	LAA 11	99	0	97	99	99	99
	B»STATUS 56DG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	RNDUP POWERMAX	1.125	LAA 11	98	0	99	99	99	99
	B»STATUS 56DG	0.175	LAA 11						
	C»WARRANT 3L	1.125	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		9.92	0.00	23.00	0.00	0.00	0.00
		STANDARD DEVIATION		4.91	0.00	11.36	0.00	0.00	0.00

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200
CREATED: 04/13/2014 **REVISED:** 11/05/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE			PHBPU CON % 06/11/14	XANST CON % 06/11/14	ZEAMD CON % 06/29/14	SETFA CON % 06/29/14	CHEAL CON % 06/29/14	AMATA CON % 06/29/14
		RATE	UNIT	TM						
1A»	LEXAR EZ 3.7SC	3.24	LAA	9	89	93	0	93	99	99
2A»	LUMAX EZ 3.67S	2.98	LAA	9	93	93	0	98	99	99
3A»	CORVUS 2.6SC	0.114	LAA	9	87	93	0	94	99	99
	B ATRAZINE DF	1.50	LAA	9						
4A»	VERDICT 5.57L	0.78	LAA	9	94	97	0	97	99	99
	B ATRAZINE DF	1.50	LAA	9						
5A»	KEYSTONE NXT 5	3.50	LAA	9	81	63	0	99	99	99
	B»HORNET 68.5WG	0.171	LAA	9						
6A»	LUMAX EZ 3.67S	1.38	LAA	9	99	99	0	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
7A»	CORVUS 2.6SC	0.051	LAA	9	98	99	0	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A»	VERDICT 5.57L	0.61	LAA	9	98	99	0	99	99	99
	B ATRAZINE DF	1.50	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	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	INSTIGATE	6.00	OMA	0	98	99	0	99	99	99
	B RESOLVE 25DF	0.0156	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D CINCH ATZ	2.06	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.125	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
10A»	SURESTART II 4	1.04	LAA	9	91	97	0	99	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	SURESTART II 4	1.04	LAA	9	90	98	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A»	SURESTART II 4	1.04	LAA	9	83	90	0	99	99	99
	B»SURESTART II 4	0.78	LAA	12						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
13A»	SURESTART II 4	1.04	LAA	11	93	98	0	99	99	99
	B»DURANGO 4AE	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		PHBPU CON % 06/11/14	XANST CON % 06/11/14	ZEAMD CON % 06/29/14	SETFA CON % 06/29/14	CHEAL CON % 06/29/14	AMATA CON % 06/29/14
		RATE	UNIT TM						
15A	HALEX GT 4.38L	1.97	LAA 11	97	98	0	86	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
16A	CALLISTO GT 4.	1.05	LAA 11	92	97	0	77	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
17A	RNDUP POWERMAX	1.125	LAA 11	92	96	0	87	99	99
	B»STATUS 56DG	0.175	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	RNDUP POWERMAX	1.125	LAA 11	95	98	0	96	99	99
	B»STATUS 56DG	0.175	LAA 11						
	C»WARRANT 3L	1.125	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		8.15	19.00	0.00	4.14	0.00	0.00
		STANDARD DEVIATION		4.00	9.42	0.00	2.05	0.00	0.00

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200
CREATED: 04/13/2014 **REVISED:** 11/05/2014 **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 NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 06/29/14	PHBPU CON % 06/29/14	XANST CON % 06/29/14	YIELD BU/A 10/23/14
		RATE	UNIT	TM				
1A»	LEXAR EZ 3.7SC	3.24	LAA	9	99	92	93	215.6
2A»	LUMAX EZ 3.67S	2.98	LAA	9	99	94	95	246.3
3A»	CORVUS 2.6SC	0.114	LAA	9	99	83	86	245.1
	B ATRAZINE DF	1.50	LAA	9				
4A»	VERDICT 5.57L	0.78	LAA	9	99	89	92	230.3
	B ATRAZINE DF	1.50	LAA	9				
5A»	KEYSTONE NXT 5	3.50	LAA	9	98	69	78	222.4
	B»HORNET 68.5WG	0.171	LAA	9				
6A»	LUMAX EZ 3.67S	1.38	LAA	9	99	98	99	255.5
	B»HALEX GT 4.38L	1.97	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»ACTIVATOR 90	0.25	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
7A»	CORVUS 2.6SC	0.051	LAA	9	99	98	99	242.9
	B ATRAZINE DF	1.50	LAA	9				
	C»RNDUP POWERMAX	1.125	LAA	12				
	D»DIFLEXX 4L	0.50	LAA	12				
	E»COC	1.00	PMV	12				
	F»LIQUID AMS	2.50	PMV	12				
8A»	VERDICT 5.57L	0.61	LAA	9	99	97	99	230.5
	B ATRAZINE DF	1.50	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	PMV	12				
	G»LIQUID AMS	2.50	PMV	12				
9A»	INSTIGATE	6.00	OMA	0	99	98	99	248.2
	B RESOLVE 25DF	0.0156	LAA	9				
	C»MESOTRIONE 50W	0.156	LAA	9				
	D CINCH ATZ	2.06	LAA	9				
	E»REALM Q	4.00	OMA	0				
	F RESOLVE 25DF	0.0188	LAA	12				
	G»MESOTRIONE 50W	0.078	LAA	12				
	H»ISOXADIFEN-ETH	0.0094	LAA	12				
	I»ABUNDIT EXTRA	1.125	LAA	12				
	J»LIQUID AMS	2.50	PMV	12				
10A»	SURESTART II 4	1.04	LAA	9	96	84	83	246.3
	B»DURANGO 4AE	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
11A»	SURESTART II 4	1.04	LAA	9	99	86	90	230.3
	B ATRAZINE DF	1.00	LAA	9				
	C»DURANGO 4AE	0.75	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
12A»	SURESTART II 4	1.04	LAA	9	96	83	82	189.0
	B»SURESTART II 4	0.78	LAA	12				
	C»DURANGO 4AE	0.75	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
13A»	SURESTART II 4	1.04	LAA	11	99	84	85	233.4
	B»DURANGO 4AE	0.75	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
14A	CHECK	0.00	NA	0	0	0	0	161.4

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. AS-200

TRT	TREATMENT	DOSAGE		ABUTH	PHBPU	XANST	YIELD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	BU/A
			TM	06/29/14	06/29/14	06/29/14	10/23/14
15A	HALEX GT 4.38L	1.97	LAA 11	99	83	84	226.0
	B ATRAZINE DF	0.50	LAA 11				
	C>ACTIVATOR 90	0.25	PMV 11				
	D>LIQUID AMS	2.50	PMV 11				
16A	CALLISTO GT 4.	1.05	LAA 11	99	83	80	240.7
	B ATRAZINE DF	0.50	LAA 11				
	C>ACTIVATOR 90	0.25	PMV 11				
	D>LIQUID AMS	2.50	PMV 11				
17A	RNDUP POWERMAX	1.125	LAA 11	99	76	75	229.9
	B>STATUS 56DG	0.175	LAA 11				
	C>ACTIVATOR 90	0.25	PMV 11				
	D>LIQUID AMS	2.50	PMV 11				
18A	RNDUP POWERMAX	1.125	LAA 11	99	86	84	216.4
	B>STATUS 56DG	0.175	LAA 11				
	C>WARRANT 3L	1.125	LAA 11				
	D>ACTIVATOR 90	0.25	PMV 11				
	E>LIQUID AMS	2.50	PMV 11				
	LSD (0.05)			2.45	8.31	6.93	32.49
	STANDARD DEVIATION			1.21	4.11	3.43	16.08

>> = 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		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 %	05/18/2014	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
013	XANST	CON %	05/29/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	CON %	06/11/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	06/11/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	06/11/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	06/11/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ABUTH	CON %	06/11/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	06/11/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	CON %	06/11/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ZEAMD	CON %	06/29/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	06/29/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	CON %	06/29/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMATA	CON %	06/29/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ABUTH	CON %	06/29/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	PHBPU	CON %	06/29/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	XANST	CON %	06/29/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	YIELD	BU/A	10/23/2014	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = DKC63-33RRL