

SOIL INFORMATION

TRIAL 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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/19/12	05/22/12	05/29/12	AME
AIR TEMPERATURE	66	76	83	F
% REL.HUMIDITY	31	38	46	
WIND DIRECTION	SOUTHWEST	NORTH	---	
WIND SPEED	8.0	5.0	0.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
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	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
CORN, DENT		---/14	---/16	
N72F3000GT		10.0/10.0	16.0/16.0	IN
04/19/2012				
*** PEST ***				
VELVETLEAF		---/14	---/18	
		1.00/2.00	2.00/8.00	IN
WATERHEMP, COMMO		---/19	---/19	
		1.00/3.00	1.00/4.00	IN
LAMBSQUARTERS, C		---/19	---/19	
		1.00/3.00	1.00/4.00	IN
MORNINGGLORY, TA		---/12	---/19	
		1.00/2.00	1.00/5.00	IN
FOXTAIL, GIANT		---/13	---/16	
		1.00/5.00	2.00/8.00	IN
COCKLEBUR, COMMO		---/12	---/16	
		2.00/4.00	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
14 = 4 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED

*** STAGE CODE**

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: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100
CREATED: 04/06/2012 **REVISED:** 11/27/2012 **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	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/16/12	05/16/12	05/16/12	05/16/12	05/16/12	05/16/12
1A	DUAL II MAGNUM	1.19	LAA 9	0	96	86	89	27	0
	B YUKON 67.5WG	0.084	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
2A	DUAL II MAGNUM	1.19	LAA 9	0	96	79	85	20	0
	B YUKON 67.5WG	0.169	LAA 11						
	C»RNDUP POWERMAX	0.77	LAA 11						
	D»ACTIVATOR 90	0.125	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
3A	DUAL II MAGNUM	1.19	LAA 9	0	96	83	87	23	0
	B CALLISTO 4SC	0.047	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
4A	DUAL II MAGNUM	1.19	LAA 9	0	95	81	83	17	0
	B»STATUS 56DG	0.088	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
5A»SA-0070111	4L	1.25	LAA 9	0	92	79	86	23	0
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
6A»STALWART C 7.8		1.46	LAA 9	0	92	84	89	17	0
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
7A»STALWART EXTRA		1.78	LAA 9	0	95	99	99	73	84
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
8A»GLYFOS EXTRA 3		0.75	LAA 12	0	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV 12						
9A»CORVUS 2.6SC		0.091	LAA 9	0	77	99	99	99	82
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
10A»TRIPLEFLEX 4.1		1.56	LAA 9	0	98	99	99	93	84
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
11A	BREAKFREE ATZ	1.97	LAA 9	0	99	99	99	93	91
	B»REALM Q	0.097	LAA 0						
	C RESOLVE 25DF	0.0188	LAA 12						
	D»MESOTRIONE 50W	0.078	LAA 12						
	E»ISOXADIFEN-ETH	0.0094	LAA 12						
	F»ABUNDIT EXTRA	0.75	LAA 12						
	G ATRAZINE DF	0.50	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
12A»PREQUEL 45WG		0.047	LAA 0	0	86	99	99	99	89
	B RESOLVE 25DF	0.016	LAA 9						
	C»ISOXAFLOTOLE 7	0.031	LAA 9						
	D ATRAZINE DF	1.00	LAA 9						
	E»REALM Q	0.097	LAA 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	0.75	LAA 12						
	J ATRAZINE DF	0.50	LAA 12						
	K»LIQUID AMS	2.50	PMV 12						

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/16/12	05/16/12	05/16/12	05/16/12	05/16/12	05/16/12
13A	HARNESS XTRA	2.24	LAA 9	0	99	99	99	92	93
	B IMPACT 2.8SC	0.016	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
14A	HARNESS XTRA	2.24	LAA 9	0	98	99	99	94	93
	B IMPACT 2.8SC	0.016	LAA 11						
	C»STATUS 56DG	0.088	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»MSO	1.00	PMV 11						
	F 28% UAN	2.50	PMV 11						
15A	HARNESS XTRA	2.24	LAA 9	0	99	99	99	91	94
	B IMPACT 2.8SC	0.022	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
16A	HARNESS XTRA	2.24	LAA 9	0	99	99	99	92	94
	B»LAUDIS 3.5SC	0.082	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
17A	HARNESS XTRA	2.24	LAA 9	0	99	99	99	90	87
	B»RNDUP POWERMAX	0.77	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
18A	HARNESS XTRA	2.24	LAA 9	0	98	99	99	90	89
	B»RNDUP POWERMAX	0.77	LAA 11						
	C IMPACT 2.8SC	0.016	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»MSO	0.50	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
19A	CHECK	0.00	NA 0	0	0	0	0	0	0
20A»	LUMAX EZ 3.67S	2.29	LAA 9	0	99	99	99	99	92
	B»TOUCHDN TOTAL	0.78	LAA 11						
	C CALLISTO 4SC	0.094	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»LIQUID AMS	2.50	PMV 11						
21A»	WARRANT 3L	1.125	LAA 9	0	89	85	90	20	0
	B»RNDUP POWERMAX	0.77	LAA 11						
	C IMPACT 2.8SC	0.016	LAA 11						
	D ATRAZINE DF	1.00	LAA 11						
	E»MSO	0.50	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
22A»	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						
LSD (0.05)				0.00	5.40	4.61	3.66	10.16	4.30
STANDARD DEVIATION				0.00	2.70	2.31	1.83	5.08	2.15

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CREATED: 04/06/2012 **REVISED:** 11/27/2012 **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	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/16/12	05/27/12	05/27/12	05/27/12	05/27/12	05/27/12
1A	DUAL II MAGNUM	1.19	LAA 9	0	0	94	82	90	7
	B YUKON 67.5WG	0.084	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
2A	DUAL II MAGNUM	1.19	LAA 9	0	0	99	99	99	99
	B YUKON 67.5WG	0.169	LAA 11						
	C»RNDUP POWERMAX	0.77	LAA 11						
	D»ACTIVATOR 90	0.125	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
3A	DUAL II MAGNUM	1.19	LAA 9	0	0	96	81	88	7
	B CALLISTO 4SC	0.047	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
4A	DUAL II MAGNUM	1.19	LAA 9	0	0	94	81	86	7
	B»STATUS 56DG	0.088	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
5A»SA-0070111	4L	1.25	LAA 9	0	0	93	70	84	25
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
6A»STALWART C 7.8		1.46	LAA 9	0	0	91	78	86	7
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
7A»STALWART EXTRA		1.78	LAA 9	84	0	80	93	97	70
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
8A»GLYFOS EXTRA 3		0.75	LAA 12	C	0	C	C	C	C
	B»LIQUID AMS	2.50	PMV 12						
9A»CORVUS 2.6SC		0.091	LAA 9	75	0	73	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
10A»TRIPLEFLEX 4.1		1.56	LAA 9	70	0	97	99	99	90
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
11A	BREAKFREE ATZ	1.97	LAA 9	88	0	98	99	99	88
	B»REALM Q	0.097	LAA 0						
	C RESOLVE 25DF	0.0188	LAA 12						
	D»MESOTRIONE 50W	0.078	LAA 12						
	E»ISOXADIFEN-ETH	0.0094	LAA 12						
	F»ABUNDIT EXTRA	0.75	LAA 12						
	G ATRAZINE DF	0.50	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
12A»PREQUEL 45WG		0.047	LAA 0	90	0	82	99	99	94
	B RESOLVE 25DF	0.016	LAA 9						
	C»ISOXAFLOTOLE 7	0.031	LAA 9						
	D ATRAZINE DF	1.00	LAA 9						
	E»REALM Q	0.097	LAA 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	0.75	LAA 12						
	J ATRAZINE DF	0.50	LAA 12						
	K»LIQUID AMS	2.50	PMV 12						

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100

TRT	TREATMENT	DOSAGE		PHBPU	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/16/12	05/27/12	05/27/12	05/27/12	05/27/12	05/27/12
13A	HARNESS XTRA	2.24	LAA 9	92	0	99	99	99	99
	B IMPACT 2.8SC	0.016	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
14A	HARNESS XTRA	2.24	LAA 9	94	0	99	99	99	99
	B IMPACT 2.8SC	0.016	LAA 11						
	C»STATUS 56DG	0.088	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»MSO	1.00	PMV 11						
	F 28% UAN	2.50	PMV 11						
15A	HARNESS XTRA	2.24	LAA 9	93	0	99	99	99	99
	B IMPACT 2.8SC	0.022	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
16A	HARNESS XTRA	2.24	LAA 9	93	0	99	99	99	99
	B»LAUDIS 3.5SC	0.082	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
17A	HARNESS XTRA	2.24	LAA 9	91	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
18A	HARNESS XTRA	2.24	LAA 9	88	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 11						
	C IMPACT 2.8SC	0.016	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»MSO	0.50	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
19A	CHECK	0.00	NA 0	0	0	0	0	0	0
20A»	LUMAX EZ 3.67S	2.29	LAA 9	93	0	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA 11						
	C CALLISTO 4SC	0.094	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»LIQUID AMS	2.50	PMV 11						
21A»	WARRANT 3L	1.125	LAA 9	0	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 11						
	C IMPACT 2.8SC	0.016	LAA 11						
	D ATRAZINE DF	1.00	LAA 11						
	E»MSO	0.50	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
22A»	HALEX GT 4.38L	1.97	LAA 11	C	0	96	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
LSD (0.05)				4.59	0.00	3.88	5.00	3.18	7.53
STANDARD DEVIATION				2.29	0.00	1.94	2.48	1.59	3.76

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100
CREATED: 04/06/2012 **REVISED:** 11/27/2012 **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	ZEAMD	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/27/12	05/27/12	06/08/12	06/08/12	06/08/12	06/08/12
1A	DUAL II MAGNUM	1.19	LAA 9	0	0	0	99	99	99
	B YUKON 67.5WG	0.084	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
2A	DUAL II MAGNUM	1.19	LAA 9	98	93	0	99	99	99
	B YUKON 67.5WG	0.169	LAA 11						
	C»RNDUP POWERMAX	0.77	LAA 11						
	D»ACTIVATOR 90	0.125	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
3A	DUAL II MAGNUM	1.19	LAA 9	0	0	0	99	99	99
	B CALLISTO 4SC	0.047	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
4A	DUAL II MAGNUM	1.19	LAA 9	0	0	0	99	99	99
	B»STATUS 56DG	0.088	LAA 12						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»ACTIVATOR 90	0.125	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
5A»	SA-0070111 4L	1.25	LAA 9	0	0	0	99	99	99
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
6A»	STALWART C 7.8	1.46	LAA 9	0	0	0	99	99	99
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
7A»	STALWART EXTRA	1.78	LAA 9	73	75	0	99	99	99
	B»GLYFOS EXTRA 3	0.75	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
8A»	GLYFOS EXTRA 3	0.75	LAA 12	C	C	6	96	99	99
	B»LIQUID AMS	2.50	PMV 12						
9A»	CORVUS 2.6SC	0.091	LAA 9	83	72	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
10A»	TRIPLEFLEX 4.1	1.56	LAA 9	83	68	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
11A	BREAKFREE ATZ	1.97	LAA 9	86	80	0	99	99	99
	B»REALM Q	0.097	LAA 0						
	C RESOLVE 25DF	0.0188	LAA 12						
	D»MESOTRIONE 50W	0.078	LAA 12						
	E»ISOXADIFEN-ETH	0.0094	LAA 12						
	F»ABUNDIT EXTRA	0.75	LAA 12						
	G ATRAZINE DF	0.50	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
12A»	PREQUEL 45WG	0.047	LAA 0	80	75	0	99	99	99
	B RESOLVE 25DF	0.016	LAA 9						
	C»ISOXAFLOTOLE 7	0.031	LAA 9						
	D ATRAZINE DF	1.00	LAA 9						
	E»REALM Q	0.097	LAA 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	0.75	LAA 12						
	J ATRAZINE DF	0.50	LAA 12						
	K»LIQUID AMS	2.50	PMV 12						

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100

TRT	TREATMENT	DOSAGE		XANST	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				05/27/12	05/27/12	06/08/12	06/08/12	06/08/12	06/08/12
13A	HARNESS XTRA	2.24	LAA 9	99	98	0	99	99	99
	B IMPACT 2.8SC	0.016	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
14A	HARNESS XTRA	2.24	LAA 9	99	99	0	99	99	99
	B IMPACT 2.8SC	0.016	LAA 11						
	C»STATUS 56DG	0.088	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»MSO	1.00	PMV 11						
	F 28% UAN	2.50	PMV 11						
15A	HARNESS XTRA	2.24	LAA 9	99	98	0	99	99	99
	B IMPACT 2.8SC	0.022	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
16A	HARNESS XTRA	2.24	LAA 9	99	98	0	99	99	99
	B»LAUDIS 3.5SC	0.082	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»MSO	1.00	PMV 11						
	E 28% UAN	2.50	PMV 11						
17A	HARNESS XTRA	2.24	LAA 9	98	95	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
18A	HARNESS XTRA	2.24	LAA 9	99	98	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 11						
	C IMPACT 2.8SC	0.016	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»MSO	0.50	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
19A	CHECK	0.00	NA 0	0	0	0	0	0	0
20A»	LUMAX EZ 3.67S	2.29	LAA 9	99	98	0	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA 11						
	C CALLISTO 4SC	0.094	LAA 11						
	D ATRAZINE DF	0.50	LAA 11						
	E»LIQUID AMS	2.50	PMV 11						
21A»	WARRANT 3L	1.125	LAA 9	97	96	0	99	99	99
	B»RNDUP POWERMAX	0.77	LAA 11						
	C IMPACT 2.8SC	0.016	LAA 11						
	D ATRAZINE DF	1.00	LAA 11						
	E»MSO	0.50	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
22A»	HALEX GT 4.38L	1.97	LAA 11	98	95	0	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
LSD (0.05)				6.16	5.40	0.603	0.804	0.00	0.00
STANDARD DEVIATION				3.08	2.70	0.302	0.402	0.00	0.00

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100
CREATED: 04/06/2012 **REVISED:** 11/27/2012 **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	ABUTH	XANST	PHBPU	ZEAMD	SETFA	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					06/08/12	06/08/12	06/08/12	06/20/12	06/20/12	
1A	DUAL II MAGNUM	1.19	LAA	9	99	99	96	0	99	99
	B YUKON 67.5WG	0.084	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
2A	DUAL II MAGNUM	1.19	LAA	9	99	98	80	0	98	99
	B YUKON 67.5WG	0.169	LAA	11						
	C»RNDUP POWERMAX	0.77	LAA	11						
	D»ACTIVATOR 90	0.125	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
3A	DUAL II MAGNUM	1.19	LAA	9	99	99	97	0	99	99
	B CALLISTO 4SC	0.047	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
4A	DUAL II MAGNUM	1.19	LAA	9	99	99	97	0	99	99
	B»STATUS 56DG	0.088	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
5A»SA-0070111	4L	1.25	LAA	9	99	99	95	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
6A»STALWART C 7.8		1.46	LAA	9	99	99	96	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A»STALWART EXTRA		1.78	LAA	9	99	99	96	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A»GLYFOS EXTRA 3		0.75	LAA	12	99	97	88	0	94	99
	B»LIQUID AMS	2.50	PMV	12						
9A»CORVUS 2.6SC		0.091	LAA	9	99	99	96	0	98	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»TRIPLEFLEX 4.1		1.56	LAA	9	99	99	97	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	BREAKFREE ATZ	1.97	LAA	9	99	99	99	0	99	99
	B»REALM Q	0.097	LAA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G ATRAZINE DF	0.50	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
12A»PREQUEL 45WG		0.047	LAA	0	99	99	99	0	99	99
	B RESOLVE 25DF	0.016	LAA	9						
	C»ISOXAFLUTOLE 7	0.031	LAA	9						
	D ATRAZINE DF	1.00	LAA	9						
	E»REALM Q	0.097	LAA	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	0.75	LAA	12						
	J ATRAZINE DF	0.50	LAA	12						
	K»LIQUID AMS	2.50	PMV	12						

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100

TRT	TREATMENT	DOSAGE	ABUTH	XANST	PHBPU	ZEAMD	SETFA	CHEAL		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %		
					06/08/12	06/08/12	06/08/12	06/20/12		
13A	HARNESS XTRA	2.24	LAA	9	99	99	88	0	99	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
14A	HARNESS XTRA	2.24	LAA	9	99	99	94	0	98	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C»STATUS 56DG	0.088	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»MSO	1.00	PMV	11						
	F 28% UAN	2.50	PMV	11						
15A	HARNESS XTRA	2.24	LAA	9	99	99	88	0	99	99
	B IMPACT 2.8SC	0.022	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
16A	HARNESS XTRA	2.24	LAA	9	99	99	90	0	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
17A	HARNESS XTRA	2.24	LAA	9	99	94	84	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
18A	HARNESS XTRA	2.24	LAA	9	99	99	90	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	11						
	C IMPACT 2.8SC	0.016	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»MSO	0.50	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
19A	CHECK	0.00	NA	0	0	0	0	0	0	0
20A»	LUMAX EZ 3.67S	2.29	LAA	9	99	99	97	0	99	99
	B»TOUCHDN TOTAL	0.78	LAA	11						
	C CALLISTO 4SC	0.094	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
21A»	WARRANT 3L	1.125	LAA	9	99	99	97	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	11						
	C IMPACT 2.8SC	0.016	LAA	11						
	D ATRAZINE DF	1.00	LAA	11						
	E»MSO	0.50	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
22A»	HALEX GT 4.38L	1.97	LAA	11	99	98	94	0	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
LSD (0.05)					0.00	1.00	3.00	0.00	0.771	0.201
STANDARD DEVIATION					0.00	0.491	1.51	0.00	0.386	0.101

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100
CREATED: 04/06/2012 **REVISED:** 11/27/2012 **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	XANST	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %
				06/20/12	06/20/12	06/20/12	06/20/12
1A	DUAL II MAGNUM	1.19	LAA 9	99	99	99	90
	B YUKON 67.5WG	0.084	LAA 12				
	C»RNDUP POWERMAX	0.77	LAA 12				
	D»ACTIVATOR 90	0.125	PMV 12				
	E»LIQUID AMS	2.50	PMV 12				
2A	DUAL II MAGNUM	1.19	LAA 9	99	99	99	85
	B YUKON 67.5WG	0.169	LAA 11				
	C»RNDUP POWERMAX	0.77	LAA 11				
	D»ACTIVATOR 90	0.125	PMV 11				
	E»LIQUID AMS	2.50	PMV 11				
3A	DUAL II MAGNUM	1.19	LAA 9	99	99	99	90
	B CALLISTO 4SC	0.047	LAA 12				
	C»RNDUP POWERMAX	0.77	LAA 12				
	D»ACTIVATOR 90	0.125	PMV 12				
	E»LIQUID AMS	2.50	PMV 12				
4A	DUAL II MAGNUM	1.19	LAA 9	99	99	99	93
	B»STATUS 56DG	0.088	LAA 12				
	C»RNDUP POWERMAX	0.77	LAA 12				
	D»ACTIVATOR 90	0.125	PMV 12				
	E»LIQUID AMS	2.50	PMV 12				
5A»	SA-0070111 4L	1.25	LAA 9	99	99	99	88
	B»GLYFOS EXTRA 3	0.75	LAA 12				
	C»LIQUID AMS	2.50	PMV 12				
6A»	STALWART C 7.8	1.46	LAA 9	99	99	99	86
	B»GLYFOS EXTRA 3	0.75	LAA 12				
	C»LIQUID AMS	2.50	PMV 12				
7A»	STALWART EXTRA	1.78	LAA 9	99	99	99	91
	B»GLYFOS EXTRA 3	0.75	LAA 12				
	C»LIQUID AMS	2.50	PMV 12				
8A»	GLYFOS EXTRA 3	0.75	LAA 12	99	96	95	77
	B»LIQUID AMS	2.50	PMV 12				
9A»	CORVUS 2.6SC	0.091	LAA 9	99	99	98	90
	B»RNDUP POWERMAX	0.77	LAA 12				
	C»LIQUID AMS	2.50	PMV 12				
10A»	TRIPLEFLEX 4.1	1.56	LAA 9	99	99	99	88
	B»RNDUP POWERMAX	0.77	LAA 12				
	C»LIQUID AMS	2.50	PMV 12				
11A	BREAKFREE ATZ	1.97	LAA 9	99	99	99	96
	B»REALM Q	0.097	LAA 0				
	C RESOLVE 25DF	0.0188	LAA 12				
	D»MESOTRIONE 50W	0.078	LAA 12				
	E»ISOXADIFEN-ETH	0.0094	LAA 12				
	F»ABUNDIT EXTRA	0.75	LAA 12				
	G ATRAZINE DF	0.50	LAA 12				
	H»LIQUID AMS	2.50	PMV 12				
12A»	PREQUEL 45WG	0.047	LAA 0	99	99	99	97
	B RESOLVE 25DF	0.016	LAA 9				
	C»ISOXAFLOTOLE 7	0.031	LAA 9				
	D ATRAZINE DF	1.00	LAA 9				
	E»REALM Q	0.097	LAA 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	0.75	LAA 12				
	J ATRAZINE DF	0.50	LAA 12				
	K»LIQUID AMS	2.50	PMV 12				

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100

TRT	TREATMENT	DOSAGE	AMATA	ABUTH	XANST	PHBPU		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/20/12	06/20/12	06/20/12	06/20/12
13A	HARNESS XTRA	2.24	LAA	9	99	99	99	81
	B IMPACT 2.8SC	0.016	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
14A	HARNESS XTRA	2.24	LAA	9	99	99	99	88
	B IMPACT 2.8SC	0.016	LAA	11				
	C»STATUS 56DG	0.088	LAA	11				
	D ATRAZINE DF	0.50	LAA	11				
	E»MSO	1.00	PMV	11				
	F 28% UAN	2.50	PMV	11				
15A	HARNESS XTRA	2.24	LAA	9	99	99	99	78
	B IMPACT 2.8SC	0.022	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
16A	HARNESS XTRA	2.24	LAA	9	99	99	99	83
	B»LAUDIS 3.5SC	0.082	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
17A	HARNESS XTRA	2.24	LAA	9	99	94	91	73
	B»RNDUP POWERMAX	0.77	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
18A	HARNESS XTRA	2.24	LAA	9	99	99	99	83
	B»RNDUP POWERMAX	0.77	LAA	11				
	C IMPACT 2.8SC	0.016	LAA	11				
	D ATRAZINE DF	0.50	LAA	11				
	E»MSO	0.50	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
19A	CHECK	0.00	NA	0	0	0	0	0
20A»	LUMAX EZ 3.67S	2.29	LAA	9	99	99	99	94
	B»TOUCHDN TOTAL	0.78	LAA	11				
	C CALLISTO 4SC	0.094	LAA	11				
	D ATRAZINE DF	0.50	LAA	11				
	E»LIQUID AMS	2.50	PMV	11				
21A»	WARRANT 3L	1.125	LAA	9	99	99	99	92
	B»RNDUP POWERMAX	0.77	LAA	11				
	C IMPACT 2.8SC	0.016	LAA	11				
	D ATRAZINE DF	1.00	LAA	11				
	E»MSO	0.50	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
22A»	HALEX GT 4.38L	1.97	LAA	11	99	99	99	88
	B ATRAZINE DF	0.50	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
LSD (0.05)					0.00	2.00	3.00	3.92
STANDARD DEVIATION					0.00	1.00	1.50	2.00

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/19/2012(1)
 11 = ----- / EPOST 05/22/2012(2)
 12 = ----- / POST 05/29/2012(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 %	05/16/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/16/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. AS-100

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
003	CHEAL	CON %	05/16/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/16/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/16/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	05/16/2012	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/16/2012	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	05/27/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	05/27/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	05/27/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	05/27/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	05/27/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	05/27/2012	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	05/27/2012	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/08/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/08/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/08/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/08/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/08/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	CON %	06/08/2012	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	06/08/2012	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	06/20/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	06/20/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	06/20/2012	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	06/20/2012	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	06/20/2012	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	XANST	CON %	06/20/2012	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	PHBPU	CON %	06/20/2012	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = N72F3000GT