

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.6
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQMIX	
APPLICATION DATE	05/05/11	AME
AIR TEMPERATURE	55	F
% REL.HUMIDITY	50	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	8.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
LAMBSQUARTERS, C	---/18 0.50/3.00	IN
HORSEWEED / MARE	---/19 1.00/4.00	IN
MORNINGGLORY, IV	---/10 0.50/0.50	IN
HENBIT	---/19 2.00/6.00	IN
FOXTAIL, GIANT	---/11 0.50/0.50	IN
CHICKWEED, COMMO	---/19 1.00/3.00	IN

* TIMING CODES

06 = ----- / EPP 7DBP

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: No-till weed control systems in RR/LL Corn. N-200
CREATED: 04/04/2011 **REVISED:** 09/02/2011 **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		STEME CON % 06/10/11	LAMAM CON % 06/10/11	ERICA CON % 06/10/11	CHEAL CON % 06/10/11	SETFA CON % 06/10/11	IPOHE CON % 06/10/11
		RATE	UNIT TM						
1A	CORVUS 2.6SC	0.114	LAA 6	99	99	95	99	80	91
	B ATRAZINE DF	1.00	LAA 6						
	C»COC	1.00	PMV 6						
2A	CORVUS 2.6SC	0.114	LAA 6	99	99	99	99	81	92
	B ATRAZINE DF	1.00	LAA 6						
	C»RNDUP POWERMAX	0.77	PMV 6						
	D»LIQUID AMS	2.50	PMV 6						
3A	BAL FLEXX 2L	0.094	LAA 6	99	99	99	99	76	84
	B ATRAZINE DF	1.00	LAA 6						
	C»COC	1.00	PMV 6						
4A	BAL FLEXX 2L	0.094	LAA 6	99	99	99	99	77	86
	B ATRAZINE DF	1.00	LAA 6						
	C»RNDUP POWERMAX	0.77	PMV 6						
	D»LIQUID AMS	2.50	PMV 6						
5A	LUMAX	2.46	LAA 6	99	99	99	99	97	94
	B»TOUCHDN TOTAL	0.78	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
6A	LEXAR 3.7SE	2.31	LAA 6	99	99	99	99	90	93
	B»TOUCHDN TOTAL	0.78	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
7A	HARNESS XTRA	2.80	LAA 6	99	99	99	99	75	70
	B»RNDUP POWERMAX	0.77	PMV 6						
	C»LIQUID AMS	2.50	PMV 6						
8A	VERDICT 5.57L	0.78	LAA 6	99	99	99	99	84	90
	B ATRAZINE DF	1.00	LAA 6						
	C»RNDUP POWERMAX	0.77	PMV 6						
	D»LIQUID AMS	2.50	PMV 6						
9A	RESOLVE 25DF	0.023	LAA 6	99	99	99	98	73	85
	B»ISOXAFLOTOLE 7	0.047	LAA 6						
	C ATRAZINE DF	1.00	LAA 6						
	D»ABUNDIT EXTRA	0.75	LAA 6						
	E»2,4-D LVE	0.50	LAA 6						
	F»LIQUID AMS	2.50	PMV 6						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A	FIERCE 76WG	0.14	LAA 6	99	99	99	99	87	83
	B»RNDUP POWERMAX	0.77	PMV 6						
	C»LIQUID AMS	2.50	PMV 6						
12A	FIERCE 76WG	0.14	LAA 6	99	99	99	99	88	85
	B ATRAZINE DF	1.00	LAA 6						
	C»RNDUP POWERMAX	0.77	PMV 6						
	D»LIQUID AMS	2.50	PMV 6						
	LSD (0.05)			0.00	0.00	3.10	0.564	6.32	8.83
	STANDARD DEVIATION			0.00	0.00	1.50	0.272	3.00	4.26

TITLE: No-till weed control systems in RR/LL Corn. N-200
CREATED: 04/04/2011 **REVISED:** 09/02/2011 **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	STEME	LAMAM	ERICA	CHEAL	SETFA
		RATE	UNIT	TM	CON % 06/19/11	CON % 06/19/11	CON % 06/19/11	CON % 06/19/11	CON % 06/19/11	CON % 06/19/11
1A»	CORVUS 2.6SC	0.114	LAA	6	0	99	99	98	99	81
	B ATRAZINE DF	1.00	LAA	6						
	C»COC	1.00	PMV	6						
2A»	CORVUS 2.6SC	0.114	LAA	6	0	99	99	99	99	82
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
3A»	BAL FLEXX 2L	0.094	LAA	6	0	99	99	99	96	78
	B ATRAZINE DF	1.00	LAA	6						
	C»COC	1.00	PMV	6						
4A»	BAL FLEXX 2L	0.094	LAA	6	0	99	99	99	97	84
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
5A	LUMAX	2.46	LAA	6	0	99	99	99	99	96
	B»TOUCHDN TOTAL	0.78	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
6A	LEXAR 3.7SE	2.31	LAA	6	0	99	99	99	99	89
	B»TOUCHDN TOTAL	0.78	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
7A	HARNESS XTRA	2.80	LAA	6	0	99	99	99	99	57
	B»RNDUP POWERMAX	0.77	PMV	6						
	C»LIQUID AMS	2.50	PMV	6						
8A»	VERDICT 5.57L	0.78	LAA	6	0	99	99	99	99	85
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
9A	RESOLVE 25DF	0.023	LAA	6	0	99	99	99	99	70
	B»ISOXAFLOTOLE 7	0.047	LAA	6						
	C ATRAZINE DF	1.00	LAA	6						
	D»ABUNDIT EXTRA	0.75	LAA	6						
	E»2,4-D LVE	0.50	LAA	6						
	F»LIQUID AMS	2.50	PMV	6						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	FIERCE 76WG	0.14	LAA	6	0	99	99	99	95	79
	B»RNDUP POWERMAX	0.77	PMV	6						
	C»LIQUID AMS	2.50	PMV	6						
12A»	FIERCE 76WG	0.14	LAA	6	0	99	99	99	99	89
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
	LSD (0.05)				0.00	0.00	0.00	0.564	4.40	12.21
	STANDARD DEVIATION				0.00	0.00	0.00	0.272	2.12	5.89

TITLE: No-till weed control systems in RR/LL Corn. N-200
CREATED: 04/04/2011 **REVISED:** 09/02/2011 **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			IPOHE	ZEAMD	STEME	LAMAM	ERICA	CHEAL
		RATE	UNIT	TM	CON % 06/19/11	CON % 07/11/11	CON % 07/11/11	CON % 07/11/11	CON % 07/11/11	CON % 07/11/11
1A»	CORVUS 2.6SC	0.114	LAA	6	81	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»COC	1.00	PMV	6						
2A»	CORVUS 2.6SC	0.114	LAA	6	88	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
3A»	BAL FLEXX 2L	0.094	LAA	6	78	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»COC	1.00	PMV	6						
4A»	BAL FLEXX 2L	0.094	LAA	6	85	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
5A	LUMAX	2.46	LAA	6	91	0	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
6A	LEXAR 3.7SE	2.31	LAA	6	91	0	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
7A	HARNESS XTRA	2.80	LAA	6	48	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	PMV	6						
	C»LIQUID AMS	2.50	PMV	6						
8A»	VERDICT 5.57L	0.78	LAA	6	88	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
9A	RESOLVE 25DF	0.023	LAA	6	78	0	99	99	99	99
	B»ISOXAFLOTOLE 7	0.047	LAA	6						
	C ATRAZINE DF	1.00	LAA	6						
	D»ABUNDIT EXTRA	0.75	LAA	6						
	E»2,4-D LVE	0.50	LAA	6						
	F»LIQUID AMS	2.50	PMV	6						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	FIERCE 76WG	0.14	LAA	6	77	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	PMV	6						
	C»LIQUID AMS	2.50	PMV	6						
12A»	FIERCE 76WG	0.14	LAA	6	78	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	0.77	PMV	6						
	D»LIQUID AMS	2.50	PMV	6						
	LSD (0.05)				11.09	0.00	0.00	0.00	0.00	0.00
	STANDARD DEVIATION				5.35	0.00	0.00	0.00	0.00	0.00

TITLE: No-till weed control systems in RR/LL Corn. N-200
CREATED: 04/04/2011 **REVISED:** 09/02/2011 **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 RATE	UNIT	TM	SETFA CON % 07/11/11	IPOHE CON % 07/11/11
1A	CORVUS 2.6SC	0.114	LAA	6	95	94
B	ATRAZINE DF	1.00	LAA	6		
C	COC	1.00	PMV	6		
2A	CORVUS 2.6SC	0.114	LAA	6	97	96
B	ATRAZINE DF	1.00	LAA	6		
C	RNDUP POWERMAX	0.77	PMV	6		
D	LIQUID AMS	2.50	PMV	6		
3A	BAL FLEXX 2L	0.094	LAA	6	93	93
B	ATRAZINE DF	1.00	LAA	6		
C	COC	1.00	PMV	6		
4A	BAL FLEXX 2L	0.094	LAA	6	94	95
B	ATRAZINE DF	1.00	LAA	6		
C	RNDUP POWERMAX	0.77	PMV	6		
D	LIQUID AMS	2.50	PMV	6		
5A	LUMAX	2.46	LAA	6	99	99
B	TOUCHDN TOTAL	0.78	LAA	6		
C	LIQUID AMS	2.50	PMV	6		
6A	LEXAR 3.7SE	2.31	LAA	6	99	99
B	TOUCHDN TOTAL	0.78	LAA	6		
C	LIQUID AMS	2.50	PMV	6		
7A	HARNESS XTRA	2.80	LAA	6	94	94
B	RNDUP POWERMAX	0.77	PMV	6		
C	LIQUID AMS	2.50	PMV	6		
8A	VERDICT 5.57L	0.78	LAA	6	97	97
B	ATRAZINE DF	1.00	LAA	6		
C	RNDUP POWERMAX	0.77	PMV	6		
D	LIQUID AMS	2.50	PMV	6		
9A	RESOLVE 25DF	0.023	LAA	6	90	94
B	ISOXAFLOTOL 7	0.047	LAA	6		
C	ATRAZINE DF	1.00	LAA	6		
D	ABUNDIT EXTRA	0.75	LAA	6		
E	2,4-D LVE	0.50	LAA	6		
F	LIQUID AMS	2.50	PMV	6		
10A	CHECK	0.00	NA	0	0	0
11A	FIERCE 76WG	0.14	LAA	6	94	93
B	RNDUP POWERMAX	0.77	PMV	6		
C	LIQUID AMS	2.50	PMV	6		
12A	FIERCE 76WG	0.14	LAA	6	96	96
B	ATRAZINE DF	1.00	LAA	6		
C	RNDUP POWERMAX	0.77	PMV	6		
D	LIQUID AMS	2.50	PMV	6		
		LSD (0.05)			2.25	2.83
		STANDARD DEVIATION			1.09	1.37

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

06 = ----- / EPP 7DBP 05/05/2011(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	STEME	CON %	05/23/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: No-till weed control systems in RR/LL Corn. N-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
002	LAMAM	CON %	05/23/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/23/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/23/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	05/23/2011	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOHE	CON %	05/23/2011	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	06/10/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	06/10/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ERICA	CON %	06/10/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/10/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	06/10/2011	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	06/10/2011	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/19/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	STEME	CON %	06/19/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	LAMAM	CON %	06/19/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ERICA	CON %	06/19/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/19/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/19/2011	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	IPOHE	CON %	06/19/2011	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ZEAMD	CON %	07/11/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	STEME	CON %	07/11/2011	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	LAMAM	CON %	07/11/2011	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	ERICA	CON %	07/11/2011	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	07/11/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	SETFA	CON %	07/11/2011	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	IPOHE	CON %	07/11/2011	07	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = P1395XR