

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.6
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	16	06	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/12/10	04/27/10	06/04/10	AME
AIR TEMPERATURE	78	59	82	F
% REL.HUMIDITY	27	45	41	
WIND DIRECTION	SOUTH	WEST	SOUTH	
WIND SPEED	5.0	12.0	4.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	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			---/15	
P 0916 RR/LL			16.0/16.0	IN
05/04/2010				
*** PEST ***				
VELVETLEAF			---/15	
			2.00/6.00	IN
LAMBSQUARTERS, C	---/14	---/19	---/19	
	0.50/1.50	1.00/2.00	2.00/8.00	IN
HENBIT	---/19	---/19	---/19	
	1.00/4.00	4.00/6.00	2.00/8.00	IN
MORNINGGLORY, TA			---/19	
			2.00/6.00	IN
FOXTAIL, GIANT		---/12	---/16	
		2.00/3.00	2.00/10.0	IN
CHICKWEED, COMMO	---/19	---/19	---/19	
	1.00/2.00	3.00/6.00	4.00/6.00	IN

* TIMING CODES

06 = ----- / EPP 7DBP
12 = ----- / POST
16 = ----- / EPP 21DBP

* STAGE CODE

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

TITLE: No-till weed control systems in RR/LL Corn. N-100
CREATED: 04/08/2010 **REVISED:** 08/13/2010 **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 % 05/04/10	LAMAM CON % 05/04/10	CHEAL CON % 05/04/10	SETFA CON % 05/04/10	STEME CON % 05/18/10	LAMAM CON % 05/18/10
		RATE	UNIT TM						
1A	RESOLVE 25DF	0.016	LAA 16	97	95	96	88	99	99
	B>ISOX AFLUTOLE 7	0.031	LAA 16						
	C>2,4-D LVE	0.50	LAA 16						
	D>COC	1.00	PMV 16						
	E>ABUNDIT EXTRA	0.75	LAA 12						
	F>LIQUID AMS	2.50	PMV 12						
2A	RESOLVE 25DF	0.016	LAA 16	99	99	99	88	99	99
	B>ISOX AFLUTOLE 7	0.031	LAA 16						
	C>2,4-D LVE	0.50	LAA 16						
	D>COC	1.00	PMV 16						
	E RESOLVE 25DF	0.016	LAA 12						
	F>HARMONY 50SG	0.0031	LAA 12						
	G>ISOXADIFEN-ETH	0.0072	LAA 12						
	H>ABUNDIT EXTRA	0.75	LAA 12						
	I>LIQUID AMS	2.50	PMV 12						
3A	RESOLVE 25DF	0.023	LAA 16	99	99	99	94	99	99
	B>ISOX AFLUTOLE 7	0.047	LAA 16						
	C>2,4-D LVE	0.50	LAA 16						
	D>COC	1.00	PMV 16						
	E>ABUNDIT EXTRA	0.75	LAA 12						
	F>LIQUID AMS	2.50	PMV 12						
4A	RESOLVE 25DF	0.016	LAA 16	99	99	99	89	99	99
	B>ISOX AFLUTOLE 7	0.031	LAA 16						
	C>ABUNDIT EXTRA	0.75	LAA 16						
	D>2,4-D LVE	0.50	LAA 16						
	E>LIQUID AMS	2.50	PMV 16						
	F>ABUNDIT EXTRA	0.75	LAA 12						
	G>LIQUID AMS	2.50	PMV 12						
5A	RESOLVE 25DF	0.023	LAA 16	99	99	99	97	99	99
	B>ISOX AFLUTOLE 7	0.047	LAA 16						
	C>ABUNDIT EXTRA	0.75	LAA 16						
	D>2,4-D LVE	0.50	LAA 16						
	E>LIQUID AMS	2.50	PMV 16						
	F>ABUNDIT EXTRA	0.75	LAA 12						
	G>LIQUID AMS	2.50	PMV 12						
6A	RESOLVE 25DF	0.016	LAA 16	99	99	99	92	99	99
	B>ISOX AFLUTOLE 7	0.031	LAA 16						
	C ATRAZINE DF	1.00	LAA 16						
	D>2,4-D LVE	0.50	LAA 16						
	E>COC	1.00	PMV 16						
	F>ABUNDIT EXTRA	0.75	LAA 12						
	G>LIQUID AMS	2.50	PMV 12						
7A	RESOLVE 25DF	0.023	LAA 16	99	99	99	98	99	99
	B>ISOX AFLUTOLE 7	0.047	LAA 16						
	C ATRAZINE DF	1.00	LAA 16						
	D>2,4-D LVE	0.50	LAA 16						
	E>COC	1.00	PMV 16						
	F>ABUNDIT EXTRA	0.75	LAA 12						
	G>LIQUID AMS	2.50	PMV 12						
8A	RESOLVE 25DF	0.016	LAA 16	99	99	96	93	99	99
	B>ISOX AFLUTOLE 7	0.031	LAA 16						
	C ATRAZINE DF	1.00	LAA 16						
	D>ABUNDIT EXTRA	0.75	LAA 16						
	E>2,4-D LVE	0.50	LAA 16						
	F>LIQUID AMS	2.50	PMV 16						
	G>ABUNDIT EXTRA	0.75	LAA 12						
	H>LIQUID AMS	2.50	PMV 12						

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 05/04/10	LAMAM CON % 05/04/10	CHEAL CON % 05/04/10	SETFA CON % 05/04/10	STEME CON % 05/18/10	LAMAM CON % 05/18/10
		RATE	UNIT TM						
9A	RESOLVE 25DF	0.023	LAA 16	99	99	99	98	99	99
	B»ISOXAFLOTOLE 7	0.047	LAA 16						
	C ATRAZINE DF	1.00	LAA 16						
	D»ABUNDIT EXTRA	0.75	LAA 16						
	E»2,4-D LVE	0.50	LAA 16						
	F»LIQUID AMS	2.50	PMV 16						
	G»ABUNDIT EXTRA	0.75	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
10A	RESOLVE 25DF	0.016	LAA 16	99	99	99	98	99	99
	B»ISOXAFLOTOLE 7	0.031	LAA 16						
	C CINCH ATZ	1.375	LAA 16						
	D»2,4-D LVE	0.50	LAA 16						
	E»COC	1.00	PMV 16						
	F»ABUNDIT EXTRA	0.75	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
11A	RESOLVE 25DF	0.023	LAA 16	99	99	99	97	99	99
	B»ISOXAFLOTOLE 7	0.047	LAA 16						
	C CINCH ATZ	1.375	LAA 16						
	D»2,4-D LVE	0.50	LAA 16						
	E»COC	1.00	PMV 16						
	F»ABUNDIT EXTRA	0.75	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
12A	RESOLVE 25DF	0.016	LAA 16	99	99	99	97	99	99
	B»ISOXAFLOTOLE 7	0.031	LAA 16						
	C CINCH ATZ	1.375	LAA 16						
	D»ABUNDIT EXTRA	0.75	LAA 16						
	E»2,4-D LVE	0.50	LAA 16						
	F»LIQUID AMS	2.50	PMV 16						
	G»ABUNDIT EXTRA	0.75	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
13A	RESOLVE 25DF	0.023	LAA 16	99	99	99	97	99	99
	B»ISOXAFLOTOLE 7	0.047	LAA 16						
	C CINCH ATZ	1.375	LAA 16						
	D»ABUNDIT EXTRA	0.75	LAA 16						
	E»2,4-D LVE	0.50	LAA 16						
	F»LIQUID AMS	2.50	PMV 16						
	G»ABUNDIT EXTRA	0.75	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
14A	RESOLVE 25DF	0.016	LAA 16	99	99	99	99	99	99
	B»ISOXAFLOTOLE 7	0.031	LAA 16						
	C»SHARPEN 2.85L	0.022	LAA 16						
	D»2,4-D LVE	0.50	LAA 16						
	E»COC	1.00	PMV 16						
	F»LIQUID AMS	2.50	PMV 16						
	G»ABUNDIT EXTRA	0.75	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
15A	RESOLVE 25DF	0.023	LAA 16	99	99	99	99	99	99
	B»ISOXAFLOTOLE 7	0.047	LAA 16						
	C»SHARPEN 2.85L	0.022	LAA 16						
	D»2,4-D LVE	0.50	LAA 16						
	E»COC	1.00	PMV 16						
	F»LIQUID AMS	2.50	PMV 16						
	G»ABUNDIT EXTRA	0.75	LAA 12						
	H»LIQUID AMS	2.50	PMV 12						
16A	»ABUNDIT EXTRA	0.75	LAA 16	96	92	93	91	99	99
	B»2,4-D LVE	0.50	LAA 16						
	C»LIQUID AMS	2.50	PMV 16						
	D»ABUNDIT EXTRA	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
17A	»FIERCE 76WG	0.14	LAA 6	99	99	99	99	99	99
	B»ABUNDIT EXTRA	0.75	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»ABUNDIT EXTRA	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 05/04/10	LAMAM CON % 05/04/10	CHEAL CON % 05/04/10	SETFA CON % 05/04/10	STEME CON % 05/18/10	LAMAM CON % 05/18/10
		RATE	UNIT TM						
19A	BICEP II MAG	2.06	LAA 6	99	99	99	99	99	99
	B>TOUCHDN TOTAL	0.78	LAA 6						
	C>LIQUID AMS	2.50	PMV 6						
	D>TOUCHDN TOTAL	0.78	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
20A	LEXAR 3.7SE	2.46	LAA 6	99	99	99	99	99	99
	B>TOUCHDN TOTAL	0.78	LAA 6						
	C>LIQUID AMS	2.50	PMV 6						
	D>TOUCHDN TOTAL	0.78	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
21A	KFD 49-01 4L	0.188	LAA 6	93	91	89	96	99	99
	B>KFD 51-01 3AE	0.75	LAA 6						
	C>LIQUID AMS	2.50	PMV 6						
	D>KFD 51-01 3AE	1.12	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		1.63	2.58	1.47	4.32	0.00	0.00
		STANDARD DEVIATION		0.807	1.28	0.727	2.14	0.00	0.00

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CREATED: 04/08/2010 **REVISED:** 08/13/2010 **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		TM	CHEAL	SETFA	ABUTH	PHBPU	STEME	LAMAM
		RATE	UNIT		CON % 05/18/10	CON % 05/18/10	CON % 05/18/10	CON % 05/18/10	CON % 06/03/10	CON % 06/03/10
1A	RESOLVE 25DF	0.016	LAA	16	88	77	80	68	99	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C>>2,4-D LVE	0.50	LAA	16						
	D>>COC	1.00	PMV	16						
	E>>ABUNDIT EXTRA	0.75	LAA	12						
	F>>LIQUID AMS	2.50	PMV	12						
2A	RESOLVE 25DF	0.016	LAA	16	85	80	78	77	99	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C>>2,4-D LVE	0.50	LAA	16						
	D>>COC	1.00	PMV	16						
	E RESOLVE 25DF	0.016	LAA	12						
	F>>HARMONY 50SG	0.0031	LAA	12						
	G>>ISOXADIFEN-ETH	0.0072	LAA	12						
	H>>ABUNDIT EXTRA	0.75	LAA	12						
	I>>LIQUID AMS	2.50	PMV	12						
3A	RESOLVE 25DF	0.023	LAA	16	91	83	84	73	99	99
	B>>ISOX AFLUTOLE 7	0.047	LAA	16						
	C>>2,4-D LVE	0.50	LAA	16						
	D>>COC	1.00	PMV	16						
	E>>ABUNDIT EXTRA	0.75	LAA	12						
	F>>LIQUID AMS	2.50	PMV	12						
4A	RESOLVE 25DF	0.016	LAA	16	96	76	84	69	99	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C>>ABUNDIT EXTRA	0.75	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>LIQUID AMS	2.50	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
5A	RESOLVE 25DF	0.023	LAA	16	99	83	93	78	99	99
	B>>ISOX AFLUTOLE 7	0.047	LAA	16						
	C>>ABUNDIT EXTRA	0.75	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>LIQUID AMS	2.50	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
6A	RESOLVE 25DF	0.016	LAA	16	96	72	88	73	99	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>COC	1.00	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
7A	RESOLVE 25DF	0.023	LAA	16	99	88	91	83	99	99
	B>>ISOX AFLUTOLE 7	0.047	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>COC	1.00	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
8A	RESOLVE 25DF	0.016	LAA	16	96	89	88	86	99	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D>>ABUNDIT EXTRA	0.75	LAA	16						
	E>>2,4-D LVE	0.50	LAA	16						
	F>>LIQUID AMS	2.50	PMV	16						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	SETFA	ABUTH	PHBPU	STEME	LAMAM
		RATE	UNIT		CON % 05/18/10	CON % 05/18/10	CON % 05/18/10	CON % 05/18/10	CON % 06/03/10	CON % 06/03/10
9A	RESOLVE 25DF	0.023	LAA	16	99	77	86	78	99	99
	B»ISOX AFLUTOLE 7	0.047	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D»ABUNDIT EXTRA	0.75	LAA	16						
	E»2,4-D LVE	0.50	LAA	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
10A	RESOLVE 25DF	0.016	LAA	16	99	84	80	75	99	99
	B»ISOX AFLUTOLE 7	0.031	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
11A	RESOLVE 25DF	0.023	LAA	16	99	75	84	73	99	99
	B»ISOX AFLUTOLE 7	0.047	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
12A	RESOLVE 25DF	0.016	LAA	16	98	87	78	72	99	99
	B»ISOX AFLUTOLE 7	0.031	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»ABUNDIT EXTRA	0.75	LAA	16						
	E»2,4-D LVE	0.50	LAA	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
13A	RESOLVE 25DF	0.023	LAA	16	99	92	85	83	99	99
	B»ISOX AFLUTOLE 7	0.047	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»ABUNDIT EXTRA	0.75	LAA	16						
	E»2,4-D LVE	0.50	LAA	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
14A	RESOLVE 25DF	0.016	LAA	16	99	97	99	99	99	99
	B»ISOX AFLUTOLE 7	0.031	LAA	16						
	C»SHARPEN 2.85L	0.022	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
15A	RESOLVE 25DF	0.023	LAA	16	99	94	99	99	99	99
	B»ISOX AFLUTOLE 7	0.047	LAA	16						
	C»SHARPEN 2.85L	0.022	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
16A	»ABUNDIT EXTRA	0.75	LAA	16	57	53	37	30	99	99
	B»2,4-D LVE	0.50	LAA	16						
	C»LIQUID AMS	2.50	PMV	16						
	D»ABUNDIT EXTRA	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»FIERCE 76WG	0.14	LAA	6	91	88	88	78	99	99
	B»ABUNDIT EXTRA	0.75	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»ABUNDIT EXTRA	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		CHEAL	SETFA	ABUTH	PHBPU	STEME	LAMAM
		RATE	UNIT TM	CON % 05/18/10	CON % 05/18/10	CON % 05/18/10	CON % 05/18/10	CON % 06/03/10	CON % 06/03/10
19A	BICEP II MAG	2.06	LAA 6	96	95	83	89	99	99
	B»TOUCHDN TOTAL	0.78	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»TOUCHDN TOTAL	0.78	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
20A	LEXAR 3.7SE	2.46	LAA 6	99	97	98	93	99	99
	B»TOUCHDN TOTAL	0.78	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»TOUCHDN TOTAL	0.78	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
21A»	KFD 49-01 4L	0.188	LAA 6	96	65	70	58	99	99
	B»KFD 51-01 3AE	0.75	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»KFD 51-01 3AE	1.12	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
			LSD (0.05)	9.38	11.07	15.46	13.49	0.00	0.00
			STANDARD DEVIATION	4.64	5.48	7.65	6.67	0.00	0.00

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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			CHEAL	SETFA	ABUTH	PHBPU	ZEAMD	STEME
		RATE	UNIT	TM	CON % 06/03/10	CON % 06/03/10	CON % 06/03/10	CON % 06/03/10	CON % 07/02/10	CON % 07/02/10
1A	RESOLVE 25DF	0.016	LAA	16	48	47	40	27	0	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C>>2,4-D LVE	0.50	LAA	16						
	D>>COC	1.00	PMV	16						
	E>>ABUNDIT EXTRA	0.75	LAA	12						
	F>>LIQUID AMS	2.50	PMV	12						
2A	RESOLVE 25DF	0.016	LAA	16	55	43	30	23	0	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C>>2,4-D LVE	0.50	LAA	16						
	D>>COC	1.00	PMV	16						
	E RESOLVE 25DF	0.016	LAA	12						
	F>>HARMONY 50SG	0.0031	LAA	12						
	G>>ISOXADIFEN-ETH	0.0072	LAA	12						
	H>>ABUNDIT EXTRA	0.75	LAA	12						
	I>>LIQUID AMS	2.50	PMV	12						
3A	RESOLVE 25DF	0.023	LAA	16	84	65	48	35	0	99
	B>>ISOX AFLUTOLE 7	0.047	LAA	16						
	C>>2,4-D LVE	0.50	LAA	16						
	D>>COC	1.00	PMV	16						
	E>>ABUNDIT EXTRA	0.75	LAA	12						
	F>>LIQUID AMS	2.50	PMV	12						
4A	RESOLVE 25DF	0.016	LAA	16	50	40	33	27	0	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C>>ABUNDIT EXTRA	0.75	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>LIQUID AMS	2.50	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
5A	RESOLVE 25DF	0.023	LAA	16	74	55	55	38	0	99
	B>>ISOX AFLUTOLE 7	0.047	LAA	16						
	C>>ABUNDIT EXTRA	0.75	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>LIQUID AMS	2.50	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
6A	RESOLVE 25DF	0.016	LAA	16	67	52	33	27	0	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>COC	1.00	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
7A	RESOLVE 25DF	0.023	LAA	16	89	76	58	45	0	99
	B>>ISOX AFLUTOLE 7	0.047	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D>>2,4-D LVE	0.50	LAA	16						
	E>>COC	1.00	PMV	16						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
8A	RESOLVE 25DF	0.016	LAA	16	89	75	55	53	0	99
	B>>ISOX AFLUTOLE 7	0.031	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D>>ABUNDIT EXTRA	0.75	LAA	16						
	E>>2,4-D LVE	0.50	LAA	16						
	F>>LIQUID AMS	2.50	PMV	16						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	SETFA	ABUTH	PHBPU	ZEAMD	STEME
		RATE	UNIT		CON % 06/03/10	CON % 06/03/10	CON % 06/03/10	CON % 06/03/10	CON % 07/02/10	CON % 07/02/10
9A	RESOLVE 25DF	0.023	LAA	16	93	82	58	53	0	99
	B»ISOXAFLOTOLE 7	0.047	LAA	16						
	C ATRAZINE DF	1.00	LAA	16						
	D»ABUNDIT EXTRA	0.75	LAA	16						
	E»2,4-D LVE	0.50	LAA	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
10A	RESOLVE 25DF	0.016	LAA	16	99	84	60	52	0	99
	B»ISOXAFLOTOLE 7	0.031	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
11A	RESOLVE 25DF	0.023	LAA	16	99	75	55	50	0	99
	B»ISOXAFLOTOLE 7	0.047	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
12A	RESOLVE 25DF	0.016	LAA	16	89	82	40	37	0	99
	B»ISOXAFLOTOLE 7	0.031	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»ABUNDIT EXTRA	0.75	LAA	16						
	E»2,4-D LVE	0.50	LAA	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
13A	RESOLVE 25DF	0.023	LAA	16	99	87	55	60	0	99
	B»ISOXAFLOTOLE 7	0.047	LAA	16						
	C CINCH ATZ	1.375	LAA	16						
	D»ABUNDIT EXTRA	0.75	LAA	16						
	E»2,4-D LVE	0.50	LAA	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
14A	RESOLVE 25DF	0.016	LAA	16	99	92	99	98	0	99
	B»ISOXAFLOTOLE 7	0.031	LAA	16						
	C»SHARPEN 2.85L	0.022	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
15A	RESOLVE 25DF	0.023	LAA	16	99	85	99	99	0	99
	B»ISOXAFLOTOLE 7	0.047	LAA	16						
	C»SHARPEN 2.85L	0.022	LAA	16						
	D»2,4-D LVE	0.50	LAA	16						
	E»COC	1.00	PMV	16						
	F»LIQUID AMS	2.50	PMV	16						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
16A	»ABUNDIT EXTRA	0.75	LAA	16	23	23	0	0	0	99
	B»2,4-D LVE	0.50	LAA	16						
	C»LIQUID AMS	2.50	PMV	16						
	D»ABUNDIT EXTRA	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»FIERCE 76WG	0.14	LAA	6	91	75	60	52	0	99
	B»ABUNDIT EXTRA	0.75	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	D»ABUNDIT EXTRA	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		CHEAL	SETFA	ABUTH	PHBPU	ZEAMD	STEME
		RATE	UNIT TM	CON % 06/03/10	CON % 06/03/10	CON % 06/03/10	CON % 06/03/10	CON % 07/02/10	CON % 07/02/10
19A	BICEP II MAG	2.06	LAA 6	97	96	67	70	0	99
	B»TOUCHDN TOTAL	0.78	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»TOUCHDN TOTAL	0.78	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
20A	LEXAR 3.7SE	2.46	LAA 6	99	95	99	80	0	99
	B»TOUCHDN TOTAL	0.78	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»TOUCHDN TOTAL	0.78	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
21A»	KFD 49-01 4L	0.188	LAA 6	78	60	43	37	0	99
	B»KFD 51-01 3AE	0.75	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»KFD 51-01 3AE	1.12	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		9.55	17.13	11.78	9.87	0.00	20.84
		STANDARD DEVIATION		4.73	8.48	5.83	4.88	0.00	10.31

TITLE: No-till weed control systems in RR/LL Corn. N-100
CREATED: 04/08/2010 **REVISED:** 08/13/2010 **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			LAMAM	CHEAL	SETFA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10
1A	RESOLVE 25DF	0.016	LAA	16	99	72	72	55	53
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C»2,4-D LVE	0.50	LAA	16					
	D»COC	1.00	PMV	16					
	E»ABUNDIT EXTRA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
2A	RESOLVE 25DF	0.016	LAA	16	99	89	78	62	58
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C»2,4-D LVE	0.50	LAA	16					
	D»COC	1.00	PMV	16					
	E RESOLVE 25DF	0.016	LAA	12					
	F»HARMONY 50SG	0.0031	LAA	12					
	G»ISOXADIFEN-ETH	0.0072	LAA	12					
	H»ABUNDIT EXTRA	0.75	LAA	12					
	I»LIQUID AMS	2.50	PMV	12					
3A	RESOLVE 25DF	0.023	LAA	16	99	82	78	65	60
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C»2,4-D LVE	0.50	LAA	16					
	D»COC	1.00	PMV	16					
	E»ABUNDIT EXTRA	0.75	LAA	12					
	F»LIQUID AMS	2.50	PMV	12					
4A	RESOLVE 25DF	0.016	LAA	16	99	94	80	75	66
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C»ABUNDIT EXTRA	0.75	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»LIQUID AMS	2.50	PMV	16					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
5A	RESOLVE 25DF	0.023	LAA	16	99	87	79	68	57
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C»ABUNDIT EXTRA	0.75	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»LIQUID AMS	2.50	PMV	16					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
6A	RESOLVE 25DF	0.016	LAA	16	99	96	78	82	70
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C ATRAZINE DF	1.00	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»COC	1.00	PMV	16					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
7A	RESOLVE 25DF	0.023	LAA	16	99	95	79	82	68
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C ATRAZINE DF	1.00	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»COC	1.00	PMV	16					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
8A	RESOLVE 25DF	0.016	LAA	16	99	99	87	87	67
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C ATRAZINE DF	1.00	LAA	16					
	D»ABUNDIT EXTRA	0.75	LAA	16					
	E»2,4-D LVE	0.50	LAA	16					
	F»LIQUID AMS	2.50	PMV	16					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»LIQUID AMS	2.50	PMV	12					

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	LAMAM	CHEAL	SETFA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10
9A	RESOLVE 25DF	0.023	LAA	16	99	99	70	87	73
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C ATRAZINE DF	1.00	LAA	16					
	D»ABUNDIT EXTRA	0.75	LAA	16					
	E»2,4-D LVE	0.50	LAA	16					
	F»LIQUID AMS	2.50	PMV	16					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»LIQUID AMS	2.50	PMV	12					
10A	RESOLVE 25DF	0.016	LAA	16	99	99	88	78	72
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C CINCH ATZ	1.375	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»COC	1.00	PMV	16					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
11A	RESOLVE 25DF	0.023	LAA	16	99	99	87	88	78
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C CINCH ATZ	1.375	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»COC	1.00	PMV	16					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»LIQUID AMS	2.50	PMV	12					
12A	RESOLVE 25DF	0.016	LAA	16	99	99	96	94	79
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C CINCH ATZ	1.375	LAA	16					
	D»ABUNDIT EXTRA	0.75	LAA	16					
	E»2,4-D LVE	0.50	LAA	16					
	F»LIQUID AMS	2.50	PMV	16					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»LIQUID AMS	2.50	PMV	12					
13A	RESOLVE 25DF	0.023	LAA	16	99	99	91	83	77
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C CINCH ATZ	1.375	LAA	16					
	D»ABUNDIT EXTRA	0.75	LAA	16					
	E»2,4-D LVE	0.50	LAA	16					
	F»LIQUID AMS	2.50	PMV	16					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»LIQUID AMS	2.50	PMV	12					
14A	RESOLVE 25DF	0.016	LAA	16	99	99	88	96	91
	B»ISOX AFLUTOLE 7	0.031	LAA	16					
	C»SHARPEN 2.85L	0.022	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»COC	1.00	PMV	16					
	F»LIQUID AMS	2.50	PMV	16					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»LIQUID AMS	2.50	PMV	12					
15A	RESOLVE 25DF	0.023	LAA	16	99	97	78	96	87
	B»ISOX AFLUTOLE 7	0.047	LAA	16					
	C»SHARPEN 2.85L	0.022	LAA	16					
	D»2,4-D LVE	0.50	LAA	16					
	E»COC	1.00	PMV	16					
	F»LIQUID AMS	2.50	PMV	16					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»LIQUID AMS	2.50	PMV	12					
16A	»ABUNDIT EXTRA	0.75	LAA	16	99	84	77	68	60
	B»2,4-D LVE	0.50	LAA	16					
	C»LIQUID AMS	2.50	PMV	16					
	D»ABUNDIT EXTRA	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
17A	»FIERCE 76WG	0.14	LAA	6	99	99	91	93	78
	B»ABUNDIT EXTRA	0.75	LAA	6					
	C»LIQUID AMS	2.50	PMV	6					
	D»ABUNDIT EXTRA	0.75	LAA	12					
	E»LIQUID AMS	2.50	PMV	12					
18A	CHECK	0.00	NA	0	0	0	0	0	0

TITLE: No-till weed control systems in RR/LL Corn. N-100

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	LAMAM CON % 07/02/10	CHEAL CON % 07/02/10	SETFA CON % 07/02/10	ABUTH CON % 07/02/10	PHBPU CON % 07/02/10
19A BICEP II MAG	2.06	LAA	6	99	99	95	94	87
B>>TOUCHDN TOTAL	0.78	LAA	6					
C>>LIQUID AMS	2.50	PMV	6					
D>>TOUCHDN TOTAL	0.78	LAA	12					
E>>LIQUID AMS	2.50	PMV	12					
20A LEXAR 3.7SE	2.46	LAA	6	99	99	98	99	87
B>>TOUCHDN TOTAL	0.78	LAA	6					
C>>LIQUID AMS	2.50	PMV	6					
D>>TOUCHDN TOTAL	0.78	LAA	12					
E>>LIQUID AMS	2.50	PMV	12					
21A>>KFD 49-01 4L	0.188	LAA	6	99	99	88	93	77
B>>KFD 51-01 3AE	0.75	LAA	6					
C>>LIQUID AMS	2.50	PMV	6					
D>>KFD 51-01 3AE	1.12	LAA	12					
E>>LIQUID AMS	2.50	PMV	12					
	LSLSD (0.05)			20.84	23.16	17.86	22.49	20.59
	STANDARD DEVIATION			10.31	11.46	8.84	11.13	10.19

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 06 = ----- / EPP 7DBP 04/27/2010(2)
- 12 = ----- / POST 06/04/2010(3)
- 16 = ----- / EPP 21DBP 04/12/2010(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	STEME	CON %	05/04/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/04/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/04/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	05/04/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	STEME	CON %	05/18/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	LAMAM	CON %	05/18/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	05/18/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	05/18/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	05/18/2010	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	05/18/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	STEME	CON %	06/03/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	LAMAM	CON %	06/03/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	06/03/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/03/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	CON %	06/03/2010	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	06/03/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	07/02/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	STEME	CON %	07/02/2010	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	LAMAM	CON %	07/02/2010	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	07/02/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	CON %	07/02/2010	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	07/02/2010	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	07/02/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = P 0916 RR/LL