

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	16	06	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/19/16	04/29/16	AME
TIME - BEGIN	14:15	10:30	24H
TIME - END	14:30	11:00	24H
AIR TEMPERATURE	77	55	F
% REL.HUMIDITY	36	40	
WIND DIRECTION	SOUTH	NORTH	
WIND SPEED	8.0	4.0	M/H
CLOUD COVER	PAR.CLOUD	CLOUDY--~6	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	65/4.00	59/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	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	
CROP *			
P, dent corn	---/00	---/00	IN
DKC 62-77	/	/	
(PLANTED) 05/16/2016	-27 DAP	-17 DAP	
PEST *			
P, tall amaranth;co	---/00	---/15	IN
	/	1.00/2.00	
P, common lambsquar	---/16	---/18	IN
	1.00/1.00	1.00/3.00	
P, hogweed;horsewee	---/19	---/19	IN
	1.00/4.00	2.00/4.00	

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	
PEST *			
P, henbit deadnettl	---/19 4.00/6.00	---/19 4.00/6.00	IN
P, common morning g	---/00 0.00/0.00	---/00 1.00/1.00	IN
P, common chickweed	---/19 1.00/4.00	---/19 1.00/6.00	IN

*** TIMING CODES**

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

*** STAGE CODE**

00 = DRY SEED (CARYOPSIS)
00 = DRY SEED; DORMANCY
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS 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: Weed Control Systems in No-till Corn. N-100

CREATED: 04/07/2016 REVISED: 01/06/2017

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	STEME	LAMAM	ERICA	CHEAL	STEME	LAMAM
		RATE	UNIT		CON % 05/06/16	CON % 05/06/16	CON % 05/06/16	CON % 05/06/16	CON % 05/13/16	CON % 05/13/16
1A	RNDUP POWERMAX	0.84	LAA	6	23	25	45	50	73	73
B	LIQUID AMS	2.50	PMV	6						
2A	ACURON 3.44 ZC	2.57	LAA	6	30	22	58	74	88	92
B	ACTIVATOR 90	0.25	PMV	6						
C	LIQUID AMS	2.50	PMV	6						
3A	ACURON 3.44 ZC	2.57	LAA	6	27	35	67	81	94	96
B	RNDUP POWERMAX	0.84	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
4A	ACURON 3.44 ZC	2.57	LAA	6	89	88	93	99	99	99
B	GRAMOX INTEON	0.625	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
5A	CORVUS 2.6SC	0.114	LAA	6	20	20	30	53	88	92
B	ATRAZINE DF	1.00	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
6A	RESOLVE 25DF	0.01	LAA	16	82	79	73	91	99	78
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
7A	RESOLVE 25DF	0.01	LAA	16	96	94	93	99	99	94
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
8A	RESOLVE 25DF	0.0156	LAA	16	89	80	84	94	99	95
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	RESOLVE 25DF	0.0156	LAA	16	98	94	96	99	99	96
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
11A	BASIS BLEND 30	0.825	OMA	0	88	81	81	93	96	83
B	RESOLVE 25DF	0.01	LAA	16						
C	HARMONY 50SG	0.005	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
12A	BASIS BLEND 30	1.25	OMA	0	89	84	82	95	96	86
B	RESOLVE 25DF	0.0156	LAA	16						
C	HARMONY 50SG	0.0078	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
13A	2,4-D LVE	0.475	LAA	16	95	91	89	99	95	94
B	ABUNDIT EXTRA	0.75	LAA	16						
C	LIQUID AMS	2.50	PMV	16						
14A	SHARPEN 2.85L	0.022	LAA	16	99	97	97	99	99	98
B	MSO	1.00	PMV	16						
C	ABUNDIT EXTRA	0.75	LAA	16						
D	LIQUID AMS	2.50	PMV	16						

TITLE: Weed Control Systems in No-till Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 05/06/16	LAMAM CON % 05/06/16	ERICA CON % 05/06/16	CHEAL CON % 05/06/16	STEME CON % 05/13/16	LAMAM CON % 05/13/16
		RATE	UNIT TM						
15A»	CORVUS 2.6SC	0.114	LAA 6	28	23	50	67	99	84
	B ATRAZINE DF	1.00	LAA 6						
	C»RNDUP POWERMAX	1.00	LAA 6						
	D»ACTIVATOR 90	0.50	PMV 6						
16A»	VERDICT 5.57L	0.78	LAA 6	53	58	85	90	96	93
	B ATRAZINE DF	1.00	LAA 6						
	C»RNDUP POWERMAX	1.00	LAA 6						
	D»LIQUID AMS	2.50	PMV 6						
17A»	RESICORE 3.29S	2.47	LAA 6	33	38	73	83	99	98
	B ATRAZINE DF	1.00	LAA 6						
	C»DURANGO 4AE	1.00	LAA 6						
	D»LIQUID AMS	2.50	PMV 6						
18A	HARNESS XTRA	3.50	LAA 6	50	62	81	88	99	96
	B»RNDUP POWERMAX	1.00	LAA 6						
	C»2,4-D LVE	0.50	LAA 6						
	D»ACTIVATOR 90	0.25	PMV 6						
	E»LIQUID AMS	2.50	PMV 6						
		LSD (0.05)		10.4	10.5	9.4	14.1	6.9	4.3
		STANDARD DEVIATION		5.2	5.2	4.6	7.0	3.4	2.1

TITLE: Weed Control Systems in No-till Corn. N-100

CREATED: 04/07/2016 REVISED: 01/06/2017

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			ERICA CON % 05/13/16	CHEAL CON % 05/13/16	STEME CON % 05/23/16	LAMAM CON % 05/23/16	ERICA CON % 05/23/16	CHEAL CON % 05/23/16
		RATE	UNIT	TM						
1A	RNDUP POWERMAX	0.84	LAA	6	62	95	98	93	68	85
B	LIQUID AMS	2.50	PMV	6						
2A	ACURON 3.44 ZC	2.57	LAA	6	87	99	99	99	99	99
B	ACTIVATOR 90	0.25	PMV	6						
C	LIQUID AMS	2.50	PMV	6						
3A	ACURON 3.44 ZC	2.57	LAA	6	96	99	99	99	99	99
B	RNDUP POWERMAX	0.84	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
4A	ACURON 3.44 ZC	2.57	LAA	6	95	99	99	99	99	99
B	GRAMOX INTEON	0.625	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
5A	CORVUS 2.6SC	0.114	LAA	6	78	99	99	99	98	99
B	ATRAZINE DF	1.00	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
6A	RESOLVE 25DF	0.01	LAA	16	79	99	88	80	98	99
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
7A	RESOLVE 25DF	0.01	LAA	16	96	99	99	99	99	99
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
8A	RESOLVE 25DF	0.0156	LAA	16	94	99	99	99	99	99
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	RESOLVE 25DF	0.0156	LAA	16	98	99	99	99	99	99
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
11A	BASIS BLEND 30	0.825	OMA	0	85	98	99	99	97	99
B	RESOLVE 25DF	0.01	LAA	16						
C	HARMONY 50SG	0.005	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
12A	BASIS BLEND 30	1.25	OMA	0	86	98	99	99	99	98
B	RESOLVE 25DF	0.0156	LAA	16						
C	HARMONY 50SG	0.0078	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
13A	2,4-D LVE	0.475	LAA	16	85	98	99	99	97	94
B	ABUNDIT EXTRA	0.75	LAA	16						
C	LIQUID AMS	2.50	PMV	16						
14A	SHARPEN 2.85L	0.022	LAA	16	99	99	99	99	99	99
B	MSO	1.00	PMV	16						
C	ABUNDIT EXTRA	0.75	LAA	16						
D	LIQUID AMS	2.50	PMV	16						

TITLE: Weed Control Systems in No-till Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	CHEAL	STEME	LAMAM	ERICA	CHEAL
		RATE	UNIT		CON % 05/13/16	CON % 05/13/16	CON % 05/23/16	CON % 05/23/16	CON % 05/23/16	CON % 05/23/16
15A»	CORVUS 2.6SC	0.114	LAA	6	90	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	1.00	LAA	6						
	D»ACTIVATOR 90	0.50	PMV	6						
16A»	VERDICT 5.57L	0.78	LAA	6	99	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	1.00	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
17A»	RESICORE 3.29S	2.47	LAA	6	97	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»DURANGO 4AE	1.00	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
18A	HARNES XTRA	3.50	LAA	6	96	99	99	99	99	99
	B»RNDUP POWERMAX	1.00	LAA	6						
	C»2,4-D LVE	0.50	LAA	6						
	D»ACTIVATOR 90	0.25	PMV	6						
	E»LIQUID AMS	2.50	PMV	6						
		LSD (0.05)			4.7	2.3	1.5	2.4	3.6	2.0
		STANDARD DEVIATION			2.3	1.1	0.7	1.2	1.8	1.0

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CREATED: 04/07/2016 REVISED: 01/06/2017

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	AMATA
		RATE	UNIT	TM	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16
1A	RNDUP POWERMAX	0.84	LAA	6	0	99	93	37	0	0
B	LIQUID AMS	2.50	PMV	6						
2A	ACURON 3.44 ZC	2.57	LAA	6	0	99	99	99	99	99
B	ACTIVATOR 90	0.25	PMV	6						
C	LIQUID AMS	2.50	PMV	6						
3A	ACURON 3.44 ZC	2.57	LAA	6	0	99	99	99	99	99
B	RNDUP POWERMAX	0.84	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
4A	ACURON 3.44 ZC	2.57	LAA	6	0	99	99	99	99	99
B	GRAMOX INTEON	0.625	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
5A	CORVUS 2.6SC	0.114	LAA	6	0	99	99	95	99	91
B	ATRAZINE DF	1.00	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
6A	RESOLVE 25DF	0.01	LAA	16	0	99	87	96	99	60
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
7A	RESOLVE 25DF	0.01	LAA	16	0	99	99	97	99	58
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
8A	RESOLVE 25DF	0.0156	LAA	16	0	89	99	98	99	66
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	RESOLVE 25DF	0.0156	LAA	16	0	99	99	99	99	50
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
11A	BASIS BLEND 30	0.825	OMA	0	0	99	99	78	99	57
B	RESOLVE 25DF	0.01	LAA	16						
C	HARMONY 50SG	0.005	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
12A	BASIS BLEND 30	1.25	OMA	0	0	99	99	85	99	72
B	RESOLVE 25DF	0.0156	LAA	16						
C	HARMONY 50SG	0.0078	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
13A	2,4-D LVE	0.475	LAA	16	0	99	99	94	83	37
B	ABUNDIT EXTRA	0.75	LAA	16						
C	LIQUID AMS	2.50	PMV	16						
14A	SHARPEN 2.85L	0.022	LAA	16	0	99	99	98	88	73
B	MSO	1.00	PMV	16						
C	ABUNDIT EXTRA	0.75	LAA	16						
D	LIQUID AMS	2.50	PMV	16						

TITLE: Weed Control Systems in No-till Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	STEME	LAMAM	ERICA	CHEAL	AMATA
		RATE	UNIT		CON % 06/06/16	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16	CON % 06/06/16
15A»	CORVUS 2.6SC	0.114	LAA	6	0	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	1.00	LAA	6						
	D»ACTIVATOR 90	0.50	PMV	6						
16A»	VERDICT 5.57L	0.78	LAA	6	0	99	99	99	99	93
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	1.00	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
17A»	RESICORE 3.29S	2.47	LAA	6	0	99	99	99	99	97
	B ATRAZINE DF	1.00	LAA	6						
	C»DURANGO 4AE	1.00	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
18A	HARNESS XTRA	3.50	LAA	6	0	99	99	99	99	94
	B»RNDUP POWERMAX	1.00	LAA	6						
	C»2,4-D LVE	0.50	LAA	6						
	D»ACTIVATOR 90	0.25	PMV	6						
	E»LIQUID AMS	2.50	PMV	6						
		LSD (0.05)			0.0	6.5	1.5	7.4	5.5	15.2
		STANDARD DEVIATION			0.0	3.2	0.7	3.6	2.7	7.5

TITLE: Weed Control Systems in No-till Corn. N-100

CREATED: 04/07/2016 REVISED: 01/06/2017

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 % 06/06/16	ZEAMD CON % 06/27/16	STEME CON % 06/27/16	LAMAM CON % 06/27/16	ERICA CON % 06/27/16	CHEAL CON % 06/27/16
		RATE	UNIT	TM						
1A	RNDUP POWERMAX	0.84	LAA	6	0	0	99	99	53	77
B	LIQUID AMS	2.50	PMV	6						
2A	ACURON 3.44 ZC	2.57	LAA	6	50	0	99	99	99	99
B	ACTIVATOR 90	0.25	PMV	6						
C	LIQUID AMS	2.50	PMV	6						
3A	ACURON 3.44 ZC	2.57	LAA	6	55	0	99	99	99	99
B	RNDUP POWERMAX	0.84	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
4A	ACURON 3.44 ZC	2.57	LAA	6	58	0	99	99	99	99
B	GRAMOX INTEON	0.625	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
5A	CORVUS 2.6SC	0.114	LAA	6	60	0	99	99	99	99
B	ATRAZINE DF	1.00	LAA	6						
C	ACTIVATOR 90	0.25	PMV	6						
6A	RESOLVE 25DF	0.01	LAA	16	57	0	99	99	96	97
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
7A	RESOLVE 25DF	0.01	LAA	16	60	0	99	99	99	99
B	EXPRESS 50SG	0.0069	LAA	16						
C	DICAMBA 70WG	0.115	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
8A	RESOLVE 25DF	0.0156	LAA	16	70	0	99	99	99	99
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	RESOLVE 25DF	0.0156	LAA	16	50	0	99	99	99	99
B	EXPRESS 50SG	0.0103	LAA	16						
C	DICAMBA 70WG	0.1725	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	ABUNDIT EXTRA	0.75	LAA	16						
F	LIQUID AMS	2.50	PMV	16						
11A	BASIS BLEND 30	0.825	OMA	0	63	0	99	99	73	99
B	RESOLVE 25DF	0.01	LAA	16						
C	HARMONY 50SG	0.005	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
12A	BASIS BLEND 30	1.25	OMA	0	68	0	99	99	91	99
B	RESOLVE 25DF	0.0156	LAA	16						
C	HARMONY 50SG	0.0078	LAA	16						
D	2,4-D LVE	0.475	LAA	16						
E	COC	1.00	PMV	16						
13A	2,4-D LVE	0.475	LAA	16	23	0	99	99	99	99
B	ABUNDIT EXTRA	0.75	LAA	16						
C	LIQUID AMS	2.50	PMV	16						
14A	SHARPEN 2.85L	0.022	LAA	16	33	0	99	99	99	99
B	MSO	1.00	PMV	16						
C	ABUNDIT EXTRA	0.75	LAA	16						
D	LIQUID AMS	2.50	PMV	16						

TITLE: Weed Control Systems in No-till Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	ZEAMD	STEME	LAMAM	ERICA	CHEAL
		RATE	UNIT		CON % 06/06/16	CON % 06/27/16	CON % 06/27/16	CON % 06/27/16	CON % 06/27/16	CON % 06/27/16
15A»	CORVUS 2.6SC	0.114	LAA	6	82	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	1.00	LAA	6						
	D»ACTIVATOR 90	0.50	PMV	6						
16A»	VERDICT 5.57L	0.78	LAA	6	76	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»RNDUP POWERMAX	1.00	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
17A»	RESICORE 3.29S	2.47	LAA	6	60	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»DURANGO 4AE	1.00	LAA	6						
	D»LIQUID AMS	2.50	PMV	6						
18A	HARNESS XTRA	3.50	LAA	6	72	0	99	99	99	99
	B»RNDUP POWERMAX	1.00	LAA	6						
	C»2,4-D LVE	0.50	LAA	6						
	D»ACTIVATOR 90	0.25	PMV	6						
	E»LIQUID AMS	2.50	PMV	6						
	LSD (0.05)				13.1	0.0	0.0	0.0	7.7	2.5
	STANDARD DEVIATION				6.5	0.0	0.0	0.0	3.8	1.3

TITLE: Weed Control Systems in No-till Corn. N-100
CREATED: 04/07/2016 **REVISED:** 01/06/2017 **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			AMATA	PHBPU	YIELD
		RATE	UNIT	TM	CON % 06/27/16	CON % 06/27/16	BU/A 09/28/16
1A	RNDUP POWERMAX	0.84	LAA	6	78	57	195.8
B	LIQUID AMS	2.50	PMV	6			
2A	ACURON 3.44 ZC	2.57	LAA	6	99	97	197.3
B	ACTIVATOR 90	0.25	PMV	6			
C	LIQUID AMS	2.50	PMV	6			
3A	ACURON 3.44 ZC	2.57	LAA	6	98	97	222.7
B	RNDUP POWERMAX	0.84	LAA	6			
C	LIQUID AMS	2.50	PMV	6			
4A	ACURON 3.44 ZC	2.57	LAA	6	98	96	218.7
B	GRAMOX INTEON	0.625	LAA	6			
C	ACTIVATOR 90	0.25	PMV	6			
5A	CORVUS 2.6SC	0.114	LAA	6	98	98	216.3
B	ATRAZINE DF	1.00	LAA	6			
C	ACTIVATOR 90	0.25	PMV	6			
6A	RESOLVE 25DF	0.01	LAA	16	94	90	200.3
B	EXPRESS 50SG	0.0069	LAA	16			
C	DICAMBA 70WG	0.115	LAA	16			
D	2,4-D LVE	0.475	LAA	16			
E	COC	1.00	PMV	16			
7A	RESOLVE 25DF	0.01	LAA	16	91	91	249.2
B	EXPRESS 50SG	0.0069	LAA	16			
C	DICAMBA 70WG	0.115	LAA	16			
D	2,4-D LVE	0.475	LAA	16			
E	ABUNDIT EXTRA	0.75	LAA	16			
F	LIQUID AMS	2.50	PMV	16			
8A	RESOLVE 25DF	0.0156	LAA	16	96	96	214.4
B	EXPRESS 50SG	0.0103	LAA	16			
C	DICAMBA 70WG	0.1725	LAA	16			
D	2,4-D LVE	0.475	LAA	16			
E	COC	1.00	PMV	16			
9A	CHECK	0.00	NA	0	0	0	130.9
10A	RESOLVE 25DF	0.0156	LAA	16	92	85	215.5
B	EXPRESS 50SG	0.0103	LAA	16			
C	DICAMBA 70WG	0.1725	LAA	16			
D	2,4-D LVE	0.475	LAA	16			
E	ABUNDIT EXTRA	0.75	LAA	16			
F	LIQUID AMS	2.50	PMV	16			
11A	BASIS BLEND 30	0.825	OMA	0	70	72	204.9
B	RESOLVE 25DF	0.01	LAA	16			
C	HARMONY 50SG	0.005	LAA	16			
D	2,4-D LVE	0.475	LAA	16			
E	COC	1.00	PMV	16			
12A	BASIS BLEND 30	1.25	OMA	0	88	88	213.9
B	RESOLVE 25DF	0.0156	LAA	16			
C	HARMONY 50SG	0.0078	LAA	16			
D	2,4-D LVE	0.475	LAA	16			
E	COC	1.00	PMV	16			
13A	2,4-D LVE	0.475	LAA	16	90	88	230.8
B	ABUNDIT EXTRA	0.75	LAA	16			
C	LIQUID AMS	2.50	PMV	16			
14A	SHARPEN 2.85L	0.022	LAA	16	92	90	219.1
B	MSO	1.00	PMV	16			
C	ABUNDIT EXTRA	0.75	LAA	16			
D	LIQUID AMS	2.50	PMV	16			

TITLE: Weed Control Systems in No-till Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/27/16	PHBPU CON % 06/27/16	YIELD BU/A 09/28/16
15A	CORVUS 2.6SC	0.114	LAA	6	99	99	213.3
	B ATRAZINE DF	1.00	LAA	6			
	C»RNDUP POWERMAX	1.00	LAA	6			
	D»ACTIVATOR 90	0.50	PMV	6			
16A	VERDICT 5.57L	0.78	LAA	6	96	96	216.2
	B ATRAZINE DF	1.00	LAA	6			
	C»RNDUP POWERMAX	1.00	LAA	6			
	D»LIQUID AMS	2.50	PMV	6			
17A	RESICORE 3.29S	2.47	LAA	6	99	99	215.9
	B ATRAZINE DF	1.00	LAA	6			
	C»DURANGO 4AE	1.00	LAA	6			
	D»LIQUID AMS	2.50	PMV	6			
18A	HARNESS XTRA	3.50	LAA	6	98	98	221.8
	B»RNDUP POWERMAX	1.00	LAA	6			
	C»2,4-D LVE	0.50	LAA	6			
	D»ACTIVATOR 90	0.25	PMV	6			
	E»LIQUID AMS	2.50	PMV	6			
	LSD (0.05)				7.6	6.8	33.57
	STANDARD DEVIATION				3.7	3.4	16.61

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
06 = --- / EPP 7DBP 04/29/2016(2)
16 = --- / EPP 21DBP 04/19/2016(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	STEME	CON %	05/06/2016	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/06/2016	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/06/2016	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/06/2016	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	STEME	CON %	05/13/2016	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	LAMAM	CON %	05/13/2016	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ERICA	CON %	05/13/2016	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	05/13/2016	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	05/23/2016	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	05/23/2016	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	05/23/2016	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	05/23/2016	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/06/2016	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	STEME	CON %	06/06/2016	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	LAMAM	CON %	06/06/2016	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ERICA	CON %	06/06/2016	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/06/2016	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/06/2016	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	06/06/2016	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ZEAMD	CON %	06/27/2016	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	STEME	CON %	06/27/2016	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	LAMAM	CON %	06/27/2016	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	ERICA	CON %	06/27/2016	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	06/27/2016	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	06/27/2016	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	PHBPU	CON %	06/27/2016	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	YIELD	BU/A	09/28/2016	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = DKC 62-77