

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	02	UNIT
TIMINGS	06	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/18/12	05/29/12	AME
AIR TEMPERATURE	70	75	F
% REL.HUMIDITY	30	56	
WIND DIRECTION	SOUTHWEST	EAST	
WIND SPEED	6.0	2.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
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
SPRAY VOLUME	15.00	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	---	---	
	DN/SG/MMZ		
*** CROP ***			
CORN, DENT		---/15	
DKC62-97		15.0/15.0	IN
04/25/2012			
*** PEST ***			
RAGWEED, COMMON	---/11	---/16	
	1.00/1.00	2.00/6.00	IN
LAMBSQUARTERS, C	---/18	---/19	
	1.00/3.00	2.00/12.0	IN
HORSEWEED / MARE	---/19	---/19	
	2.00/8.00	4.00/10.0	IN
LETTUCE, PRICKLY	---/19	---/19	
	2.00/8.00	4.00/12.0	IN
HENBIT	---/19	---/19	
	2.00/6.00	4.00/8.00	IN
MORNINGGLORY, TA	---/10	---/16	
	0.50/0.50	1.00/4.00	IN
FOXTAIL, GIANT	---/11	---/16	
	1.00/1.00	2.00/8.00	IN
CHICKWEED, COMMO	---/19	---/19	
	1.00/3.00	2.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED

* STAGE CODE

11 = FIRST LEAF UNFOLDED
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
15 = 5 LEAVES 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: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100
CREATED: 04/17/2012 **REVISED:** 09/18/2012 **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 NUM	TREATMENT COMPONENT	DOSAGE			STEME	LAMAM	ERICA	LACSE	SETFA	CHEAL
		RATE	UNIT	TM	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12
1A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	73	86
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	HELMQUAT 3SL	0.76	LAA	6	99	99	98	83	80	97
B	ACTIVATOR 90	0.25	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
3A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	78	86
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
4A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	73	88
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	NICOSULF. 40 O	0.023	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	78	89
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	FLUROX. 200EC	0.105	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
6A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	77	88
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	WARRANT 3L	0.80	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
7A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	73	86
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	COC	1.00	PMV	12						
8A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	73	90
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	COC	1.00	PMV	12						
9A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	73	88
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	WARRANT 3L	0.80	LAA	12						
F	COC	1.00	PMV	12						
10A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	70	84
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
11A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	73	89
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	LIQUID AMS	2.50	PMV	12						

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME	LAMAM	ERICA	LACSE	SETFA	CHEAL
		RATE	UNIT TM	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12	CON % 05/05/12
12A	HELOS. PLUS AD	0.80	LAA 6	99	99	99	99	70	82
	B»LIQUID AMS	2.50	PMV 6						
	C»HELOS. PLUS AD	0.80	LAA 12						
	D CALLISTO 4SC	0.07	LAA 12						
	E»WARRANT 3L	0.80	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	TOUCHDN TOTAL	0.78	LAA 6	99	99	99	99	84	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»HALEX GT 4.38L	1.97	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
15A	LIBERTY 2.34L	0.53	LAA 6	99	99	99	99	85	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»RRNDUP POWERMAX	0.77	LAA 12						
	E»CAPRENO 3.45 S	0.081	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		0.00	0.00	0.499	2.49	9.00	6.73
		STANDARD DEVIATION		0.00	0.00	0.243	1.22	4.37	3.28

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100
CREATED: 04/17/2012 **REVISED:** 09/18/2012 **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 NUM	TREATMENT COMPONENT	DOSAGE			AMBEL CON % 05/05/12	PHBPU CON % 05/05/12	STEME CON % 05/26/12	LAMAM CON % 05/26/12	ERICA CON % 05/26/12	LACSE CON % 05/26/12
		RATE	UNIT	TM						
1A	HELOS. PLUS AD	0.80	LAA	6	99	67	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	HELMQUAT 3SL	0.76	LAA	6	99	67	99	99	99	75
B	ACTIVATOR 90	0.25	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
3A	HELOS. PLUS AD	0.80	LAA	6	99	57	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
4A	HELOS. PLUS AD	0.80	LAA	6	96	57	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	NICOSULF. 40 O	0.023	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HELOS. PLUS AD	0.80	LAA	6	99	63	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	FLUROX. 200EC	0.105	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
6A	HELOS. PLUS AD	0.80	LAA	6	99	60	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	WARRANT 3L	0.80	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
7A	HELOS. PLUS AD	0.80	LAA	6	99	62	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	COC	1.00	PMV	12						
8A	HELOS. PLUS AD	0.80	LAA	6	99	63	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	COC	1.00	PMV	12						
9A	HELOS. PLUS AD	0.80	LAA	6	99	63	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	WARRANT 3L	0.80	LAA	12						
F	COC	1.00	PMV	12						
10A	HELOS. PLUS AD	0.80	LAA	6	99	62	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
11A	HELOS. PLUS AD	0.80	LAA	6	99	63	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	LIQUID AMS	2.50	PMV	12						

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMBEL	PHBPU	STEME	LAMAM	ERICA	LACSE
		RATE	UNIT TM	CON % 05/05/12	CON % 05/05/12	CON % 05/26/12	CON % 05/26/12	CON % 05/26/12	CON % 05/26/12
12A	HELOS. PLUS AD	0.80	LAA 6	99	63	99	99	99	99
	B»LIQUID AMS	2.50	PMV 6						
	C»HELOS. PLUS AD	0.80	LAA 12						
	D CALLISTO 4SC	0.07	LAA 12						
	E»WARRANT 3L	0.80	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	TOUCHDN TOTAL	0.78	LAA 6	99	80	99	99	99	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»HALEX GT 4.38L	1.97	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
15A	LIBERTY 2.34L	0.53	LAA 6	99	72	99	99	99	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»RRNDUP POWERMAX	0.77	LAA 12						
	E»CAPRENO 3.45 S	0.081	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		2.24	12.10	0.00	0.00	0.00	2.19
		STANDARD DEVIATION		1.10	5.91	0.00	0.00	0.00	1.07

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100
CREATED: 04/17/2012 **REVISED:** 09/18/2012 **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 NUM	TREATMENT COMPONENT	DOSAGE			SETFA	CHEAL	AMBEL	PHBPU	ZEAMD	STEME
		RATE	UNIT	TM	CON % 05/26/12	CON % 05/26/12	CON % 05/26/12	CON % 05/26/12	CON % 06/07/12	CON % 06/07/12
1A	HELOS. PLUS AD	0.80	LAA	6	50	53	57	33	0	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	HELMQUAT 3SL	0.76	LAA	6	47	37	43	33	0	99
B	ACTIVATOR 90	0.25	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
3A	HELOS. PLUS AD	0.80	LAA	6	52	37	37	33	0	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
4A	HELOS. PLUS AD	0.80	LAA	6	43	40	30	33	0	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	NICOSULF. 40 O	0.023	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HELOS. PLUS AD	0.80	LAA	6	50	47	37	30	3	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	FLUROX. 200EC	0.105	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
6A	HELOS. PLUS AD	0.80	LAA	6	53	37	37	30	0	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	WARRANT 3L	0.80	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
7A	HELOS. PLUS AD	0.80	LAA	6	48	37	37	27	2	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	COC	1.00	PMV	12						
8A	HELOS. PLUS AD	0.80	LAA	6	53	47	37	33	3	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	COC	1.00	PMV	12						
9A	HELOS. PLUS AD	0.80	LAA	6	53	40	33	30	0	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	WARRANT 3L	0.80	LAA	12						
F	COC	1.00	PMV	12						
10A	HELOS. PLUS AD	0.80	LAA	6	57	47	33	30	0	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
11A	HELOS. PLUS AD	0.80	LAA	6	50	40	37	30	3	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	LIQUID AMS	2.50	PMV	12						

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	CHEAL	AMBEL	PHBPU	ZEAMD	STEME
		RATE	UNIT TM	CON % 05/26/12	CON % 05/26/12	CON % 05/26/12	CON % 05/26/12	CON % 06/07/12	CON % 06/07/12
12A	HELOS. PLUS AD	0.80	LAA 6	55	43	37	33	0	99
	B»LIQUID AMS	2.50	PMV 6						
	C»HELOS. PLUS AD	0.80	LAA 12						
	D CALLISTO 4SC	0.07	LAA 12						
	E»WARRANT 3L	0.80	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	TOUCHDN TOTAL	0.78	LAA 6	58	68	53	40	0	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»HALEX GT 4.38L	1.97	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
15A	LIBERTY 2.34L	0.53	LAA 6	60	77	50	52	0	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»RRNDUP POWERMAX	0.77	LAA 12						
	E»CAPRENO 3.45 S	0.081	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		10.42	10.00	11.40	6.60	1.42	0.00
		STANDARD DEVIATION		5.09	4.88	5.57	3.22	0.692	0.00

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100
CREATED: 04/17/2012 **REVISED:** 09/18/2012 **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 NUM	TREATMENT COMPONENT	DOSAGE			LAMAM	ERICA	LACSE	SETFA	CHEAL	AMBEL
		RATE	UNIT	TM	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12
1A	HELOS. PLUS AD	0.80	LAA	6	99	98	99	99	93	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	HELMQUAT 3SL	0.76	LAA	6	99	99	99	99	94	99
B	ACTIVATOR 90	0.25	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
3A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	95	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
4A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	NICOSULF. 40 O	0.023	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	FLUROX. 200EC	0.105	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
6A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	83	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	WARRANT 3L	0.80	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
7A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	96	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	COC	1.00	PMV	12						
8A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	COC	1.00	PMV	12						
9A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	92	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	WARRANT 3L	0.80	LAA	12						
F	COC	1.00	PMV	12						
10A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
11A	HELOS. PLUS AD	0.80	LAA	6	99	99	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	LIQUID AMS	2.50	PMV	12						

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		LAMAM	ERICA	LACSE	SETFA	CHEAL	AMBEL
		RATE	UNIT TM	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12	CON % 06/07/12
12A»	HELOS. PLUS AD	0.80	LAA 6	99	99	99	99	83	99
	B»LIQUID AMS	2.50	PMV 6						
	C»HELOS. PLUS AD	0.80	LAA 12						
	D CALLISTO 4SC	0.07	LAA 12						
	E»WARRANT 3L	0.80	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A»	TOUCHDN TOTAL	0.78	LAA 6	99	99	99	99	99	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»HALEX GT 4.38L	1.97	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.53	LAA 6	99	99	99	99	99	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»RRNDUP POWERMAX	0.77	LAA 12						
	E»CAPRENO 3.45 S	0.081	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		0.00	1.00	0.00	0.00	9.48	0.00
		STANDARD DEVIATION		0.00	0.487	0.00	0.00	4.63	0.00

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100
CREATED: 04/17/2012 **REVISED:** 09/18/2012 **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 NUM	TREATMENT COMPONENT	DOSAGE			PHBPU CON % 06/07/12	ZEAMD CON % 06/23/12	STEME CON % 06/23/12	LAMAM CON % 06/23/12	ERICA CON % 06/23/12	LACSE CON % 06/23/12
		RATE	UNIT	TM						
1A	HELOS. PLUS AD	0.80	LAA	6	85	0	99	99	96	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	HELMQUAT 3SL	0.76	LAA	6	86	0	99	99	99	99
B	ACTIVATOR 90	0.25	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
3A	HELOS. PLUS AD	0.80	LAA	6	92	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
4A	HELOS. PLUS AD	0.80	LAA	6	95	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	NICOSULF. 40 O	0.023	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HELOS. PLUS AD	0.80	LAA	6	97	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	FLUROX. 200EC	0.105	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
6A	HELOS. PLUS AD	0.80	LAA	6	83	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	WARRANT 3L	0.80	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
7A	HELOS. PLUS AD	0.80	LAA	6	95	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	COC	1.00	PMV	12						
8A	HELOS. PLUS AD	0.80	LAA	6	97	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	COC	1.00	PMV	12						
9A	HELOS. PLUS AD	0.80	LAA	6	88	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	WARRANT 3L	0.80	LAA	12						
F	COC	1.00	PMV	12						
10A	HELOS. PLUS AD	0.80	LAA	6	95	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	NICOSULF. 40 O	0.023	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
11A	HELOS. PLUS AD	0.80	LAA	6	97	0	99	99	99	99
B	LIQUID AMS	2.50	PMV	6						
C	HELOS. PLUS AD	0.80	LAA	12						
D	CALLISTO 4SC	0.07	LAA	12						
E	FLUROX. 200EC	0.105	LAA	12						
F	LIQUID AMS	2.50	PMV	12						

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		PHBPU CON % 06/07/12	ZEAMD CON % 06/23/12	STEME CON % 06/23/12	LAMAM CON % 06/23/12	ERICA CON % 06/23/12	LACSE CON % 06/23/12
		RATE	UNIT TM						
12A»	HELOS. PLUS AD	0.80	LAA 6	94	0	99	99	99	99
	B»LIQUID AMS	2.50	PMV 6						
	C»HELOS. PLUS AD	0.80	LAA 12						
	D CALLISTO 4SC	0.07	LAA 12						
	E»WARRANT 3L	0.80	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A»	TOUCHDN TOTAL	0.78	LAA 6	90	0	99	99	99	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»HALEX GT 4.38L	1.97	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.53	LAA 6	96	0	99	99	99	99
	B»2,4-D LVE	0.50	LAA 6						
	C»LIQUID AMS	2.50	PMV 6						
	D»RRNDUP POWERMAX	0.77	LAA 12						
	E»CAPRENO 3.45 S	0.081	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		5.39	0.00	0.00	0.00	2.24	0.00
		STANDARD DEVIATION		2.63	0.00	0.00	0.00	1.10	0.00

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100
CREATED: 04/17/2012 **REVISED:** 09/18/2012 **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 NUM	TREATMENT COMPONENT	DOSAGE			SETFA	CHEAL	AMBEL	PHBPU
		RATE	UNIT	TM	CON % 06/23/12	CON % 06/23/12	CON % 06/30/12	CON % 06/30/12
1A	HELOS. PLUS AD	0.80	LAA	6	84	95	99	78
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	LIQUID AMS	2.50	PMV	12				
2A	HELMQUAT 3SL	0.76	LAA	6	77	78	99	68
B	ACTIVATOR 90	0.25	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	LIQUID AMS	2.50	PMV	12				
3A	HELOS. PLUS AD	0.80	LAA	6	90	83	99	90
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	CALLISTO 4SC	0.07	LAA	12				
E	LIQUID AMS	2.50	PMV	12				
4A	HELOS. PLUS AD	0.80	LAA	6	89	96	99	75
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	NICOSULF. 40 O	0.023	LAA	12				
E	LIQUID AMS	2.50	PMV	12				
5A	HELOS. PLUS AD	0.80	LAA	6	87	97	99	85
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	FLUROX. 200EC	0.105	LAA	12				
E	LIQUID AMS	2.50	PMV	12				
6A	HELOS. PLUS AD	0.80	LAA	6	97	68	99	85
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	WARRANT 3L	0.80	LAA	12				
E	LIQUID AMS	2.50	PMV	12				
7A	HELOS. PLUS AD	0.80	LAA	6	94	98	99	84
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	CALLISTO 4SC	0.07	LAA	12				
E	NICOSULF. 40 O	0.023	LAA	12				
F	COC	1.00	PMV	12				
8A	HELOS. PLUS AD	0.80	LAA	6	92	98	99	89
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	CALLISTO 4SC	0.07	LAA	12				
E	FLUROX. 200EC	0.105	LAA	12				
F	COC	1.00	PMV	12				
9A	HELOS. PLUS AD	0.80	LAA	6	94	96	99	85
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	CALLISTO 4SC	0.07	LAA	12				
E	WARRANT 3L	0.80	LAA	12				
F	COC	1.00	PMV	12				
10A	HELOS. PLUS AD	0.80	LAA	6	94	98	99	92
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	CALLISTO 4SC	0.07	LAA	12				
E	NICOSULF. 40 O	0.023	LAA	12				
F	LIQUID AMS	2.50	PMV	12				
11A	HELOS. PLUS AD	0.80	LAA	6	89	98	99	83
B	LIQUID AMS	2.50	PMV	6				
C	HELOS. PLUS AD	0.80	LAA	12				
D	CALLISTO 4SC	0.07	LAA	12				
E	FLUROX. 200EC	0.105	LAA	12				
F	LIQUID AMS	2.50	PMV	12				

TITLE: Helm Herbicide Systems for Weed Control in No-till RR/LL Corn. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/23/12	CHEAL CON % 06/23/12	AMBEL CON % 06/30/12	PHBPU CON % 06/30/12
12A	HELOS. PLUS AD	0.80	LAA	6	93	57	99	92
	B>LIQUID AMS	2.50	PMV	6				
	C>HELOS. PLUS AD	0.80	LAA	12				
	D CALLISTO 4SC	0.07	LAA	12				
	E>WARRANT 3L	0.80	LAA	12				
	F>LIQUID AMS	2.50	PMV	12				
13A	CHECK	0.00	NA	0	0	0	0	0
14A	TOUCHDN TOTAL	0.78	LAA	6	94	95	99	86
	B>2,4-D LVE	0.50	LAA	6				
	C>LIQUID AMS	2.50	PMV	6				
	D>HALEX GT 4.38L	1.97	LAA	12				
	E>LIQUID AMS	2.50	PMV	12				
15A	LIBERTY 2.34L	0.53	LAA	6	94	99	99	84
	B>2,4-D LVE	0.50	LAA	6				
	C>LIQUID AMS	2.50	PMV	6				
	D>RNDUP POWERMAX	0.77	LAA	12				
	E>CAPRENO 3.45 S	0.081	LAA	12				
	F>LIQUID AMS	2.50	PMV	12				
	LSD (0.05)				9.51	15.52	0.00	9.20
	STANDARD DEVIATION				4.64	7.58	0.00	4.49

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
06 = ----- / EPP 7DBP 04/18/2012(1)
12 = ----- / POST 05/29/2012(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	STEME	CON %	05/05/2012	01	P	STEME		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/05/2012	02	P	LAMAM		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/05/2012	03	P	ERICA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
004	LACSE	CON %	05/05/2012	04	P	LACSE		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	05/05/2012	05	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	05/05/2012	06	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
007	AMBEL	CON %	05/05/2012	07	P	AMBEL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	05/05/2012	08	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	05/26/2012	01	P	STEME		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	05/26/2012	02	P	LAMAM		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	05/26/2012	03	P	ERICA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
012	LACSE	CON %	05/26/2012	04	P	LACSE		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
013	SETFA	CON %	05/26/2012	05	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	05/26/2012	06	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
015	AMBEL	CON %	05/26/2012	07	P	AMBEL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	05/26/2012	08	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	06/07/2012	09	P	ZEAMD		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
018	STEME	CON %	06/07/2012	01	P	STEME		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
019	LAMAM	CON %	06/07/2012	02	P	LAMAM		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
020	ERICA	CON %	06/07/2012	03	P	ERICA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
021	LACSE	CON %	06/07/2012	04	P	LACSE		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	06/07/2012	05	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
023	CHEAL	CON %	06/07/2012	06	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
024	AMBEL	CON %	06/07/2012	07	P	AMBEL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
025	PHBPU	CON %	06/07/2012	08	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
026	ZEAMD	CON %	06/23/2012	09	P	ZEAMD		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
027	STEME	CON %	06/23/2012	01	P	STEME		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
028	LAMAM	CON %	06/23/2012	02	P	LAMAM		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
029	ERICA	CON %	06/23/2012	03	P	ERICA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
030	LACSE	CON %	06/23/2012	04	P	LACSE		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
031	SETFA	CON %	06/23/2012	05	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
032	CHEAL	CON %	06/23/2012	06	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
033	AMBEL	CON %	06/30/2012	07	P	AMBEL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
034	PHBPU	CON %	06/30/2012	08	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)
09 = DKC62-97