

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/13/11	06/13/11	06/21/11	AME
AIR TEMPERATURE	83	72	83	F
% REL.HUMIDITY	54	55	67	
WIND DIRECTION	NORTHEAST	EAST	SOUTHEAST	
WIND SPEED	7.0	6.0	7.0	M/H
CLOUD COVER	OVERCAST	CLEAR	OVERCAST	
DEW	---	NO	YES	
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	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	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	---/17	
DKC62-97		6.00/9.00	10.0/16.0	IN
05/12/2011				
*** PEST ***				
VELVETLEAF		---/12	---/13	
		0.50/1.50	1.00/1.50	IN
RAGWEED, GIANT		---/16	---/18	
		2.00/4.00	3.00/8.00	IN
LAMBSQUARTERS, C		---/16	---/18	
		1.00/1.50	1.00/2.00	IN
FOXTAIL, GIANT		---/12	---/16	
		1.00/2.00	2.00/3.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W
CREATED: 04/27/2011 **REVISED:** 11/21/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT		PRE 06/13/11	PRE 06/13/11	PRE 06/13/11	PRE 06/13/11	PRE 06/13/11	14 DAT 06/27/11
1A»	VERDICT 5.57L	0.696	LAA	9	0	92	63	94	99	0
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»ACTIVATOR 90	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
2A»	VERDICT 5.57L	0.696	LAA	9	0	97	70	98	99	0
3A»	A17227 3.94SC	1.97	LAA	9	0	95	52	98	99	0
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»ACTIVATOR 90	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
4A»	A17227 3.94SC	1.97	LAA	9	0	95	55	98	99	0
5A»	A17622 3.7SC	2.08	LAA	9	0	91	55	98	99	0
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»ACTIVATOR 90	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
6A»	A17622 3.7SC	2.08	LAA	9	0	84	52	98	98	0
7A»	CORVUS 2.6SC	0.114	LAA	9	0	95	77	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»ACTIVATOR 90	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
8A»	CORVUS 2.6SC	0.114	LAA	9	0	92	73	98	99	0
	B ATRAZINE DF	1.00	LAA	9						
9A	HARNESS XTRA	2.80	LAA	9	0	93	43	85	96	0
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»ACTIVATOR 90	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
10A	HARNESS XTRA	2.80	LAA	9	0	99	37	83	98	0
11A»	SURESTART 4.16	1.04	LAA	9	0	98	40	93	98	0
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	13						
	D»ACTIVATOR 90	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
12A»	SURESTART 4.16	1.04	LAA	9	0	97	43	95	99	0
	B»DURANGO 4AE	0.75	LAA	13						
	C ATRAZINE DF	1.00	LAA	13						
	D»ACTIVATOR 90	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	HARNESS XTRA	2.24	LAA	9	0	99	33	91	99	0
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
15A	HARNESS XTRA	2.24	LAA	9	0	95	33	83	98	0
	B IMPACT 2.8SC	0.011	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»DESTINY HC	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	HARNESS XTRA	2.24	LAA	9	0	98	33	90	99	0
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W

LSD (0.05)	0.00	7.91	16.05	9.93	2.40	0.00
STANDARD DEVIATION	0.00	3.88	7.86	4.86	1.18	0.00

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W
CREATED: 04/27/2011 **REVISED:** 11/21/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	14 DAT 06/27/11	14 DAT 06/27/11	14 DAT 06/27/11	14 DAT 06/27/11	35 DAT 07/19/11	35 DAT 07/19/11
1A»	VERDICT 5.57L	0.696	LAA	9	98	93	99	99	0	90
B»	RNDUP POWERMAX	0.77	LAA	13						
C»	ACTIVATOR 90	0.25	PMV	13						
D»	LIQUID AMS	2.50	PMV	13						
2A»	VERDICT 5.57L	0.696	LAA	9	72	52	92	91	0	60
3A»	A17227 3.94SC	1.97	LAA	9	99	91	99	99	0	96
B»	RNDUP POWERMAX	0.77	LAA	13						
C»	ACTIVATOR 90	0.25	PMV	13						
D»	LIQUID AMS	2.50	PMV	13						
4A»	A17227 3.94SC	1.97	LAA	9	73	43	99	97	0	72
5A»	A17622 3.7SC	2.08	LAA	9	98	92	99	99	0	96
B»	RNDUP POWERMAX	0.77	LAA	13						
C»	ACTIVATOR 90	0.25	PMV	13						
D»	LIQUID AMS	2.50	PMV	13						
6A»	A17622 3.7SC	2.08	LAA	9	68	40	95	96	0	53
7A»	CORVUS 2.6SC	0.114	LAA	9	97	93	99	99	0	90
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	0.77	LAA	13						
D»	ACTIVATOR 90	0.25	PMV	13						
E»	LIQUID AMS	2.50	PMV	13						
8A»	CORVUS 2.6SC	0.114	LAA	9	73	60	99	99	0	65
B	ATRAZINE DF	1.00	LAA	9						
9A	HARNESS XTRA	2.80	LAA	9	98	90	98	97	0	90
B»	RNDUP POWERMAX	0.77	LAA	13						
C»	ACTIVATOR 90	0.25	PMV	13						
D»	LIQUID AMS	2.50	PMV	13						
10A	HARNESS XTRA	2.80	LAA	9	93	37	85	88	0	83
11A»	SURESTART 4.16	1.04	LAA	9	98	87	99	99	0	92
B	ATRAZINE DF	1.00	LAA	9						
C»	DURANGO 4AE	0.75	LAA	13						
D»	ACTIVATOR 90	0.25	PMV	13						
E»	LIQUID AMS	2.50	PMV	13						
12A»	SURESTART 4.16	1.04	LAA	9	98	78	99	99	0	95
B»	DURANGO 4AE	0.75	LAA	13						
C	ATRAZINE DF	1.00	LAA	13						
D»	ACTIVATOR 90	0.25	PMV	13						
E»	LIQUID AMS	2.50	PMV	13						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	HARNESS XTRA	2.24	LAA	9	98	81	97	99	0	92
B	IMPACT 2.8SC	0.016	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MISO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
15A	HARNESS XTRA	2.24	LAA	9	98	84	95	99	0	93
B	IMPACT 2.8SC	0.011	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	DESTINY HC	0.50	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
16A	HARNESS XTRA	2.24	LAA	9	97	78	92	98	0	89
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W

LSD (0.05)	13.85	11.44	4.76	5.07	0.00	11.50
STANDARD DEVIATION	6.78	5.60	2.33	2.48	0.00	5.63

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W
CREATED: 04/27/2011 **REVISED:** 11/21/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	ABUTH	CHEAL	YIELD
		RATE	UNIT		35 DAT 07/19/11	35 DAT 07/19/11	35 DAT 07/19/11	BU/A 10/28/11
1A»	VERDICT 5.57L	0.696	LAA	9	87	99	96	213.0
	B»RNDUP POWERMAX	0.77	LAA	13				
	C»ACTIVATOR 90	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
2A»	VERDICT 5.57L	0.696	LAA	9	43	91	87	201.0
3A»	A17227 3.94SC	1.97	LAA	9	89	99	99	216.0
	B»RNDUP POWERMAX	0.77	LAA	13				
	C»ACTIVATOR 90	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
4A»	A17227 3.94SC	1.97	LAA	9	40	99	99	199.0
5A»	A17622 3.7SC	2.08	LAA	9	88	99	99	218.0
	B»RNDUP POWERMAX	0.77	LAA	13				
	C»ACTIVATOR 90	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
6A»	A17622 3.7SC	2.08	LAA	9	42	95	96	200.0
7A»	CORVUS 2.6SC	0.114	LAA	9	91	99	99	218.0
	B ATRAZINE DF	1.00	LAA	9				
	C»RNDUP POWERMAX	0.77	LAA	13				
	D»ACTIVATOR 90	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
8A»	CORVUS 2.6SC	0.114	LAA	9	60	98	99	206.0
	B ATRAZINE DF	1.00	LAA	9				
9A	HARNESS XTRA	2.80	LAA	9	87	97	92	201.0
	B»RNDUP POWERMAX	0.77	LAA	13				
	C»ACTIVATOR 90	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
10A	HARNESS XTRA	2.80	LAA	9	40	73	80	170.0
11A»	SURESTART 4.16	1.04	LAA	9	77	98	96	209.0
	B ATRAZINE DF	1.00	LAA	9				
	C»DURANGO 4AE	0.75	LAA	13				
	D»ACTIVATOR 90	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
12A»	SURESTART 4.16	1.04	LAA	9	80	99	99	205.0
	B»DURANGO 4AE	0.75	LAA	13				
	C ATRAZINE DF	1.00	LAA	13				
	D»ACTIVATOR 90	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
13A	CHECK	0.00	NA	0	0	0	0	27.0
14A	HARNESS XTRA	2.24	LAA	9	65	92	99	210.0
	B IMPACT 2.8SC	0.016	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
15A	HARNESS XTRA	2.24	LAA	9	69	95	99	206.0
	B IMPACT 2.8SC	0.011	LAA	12				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D ATRAZINE DF	0.50	LAA	12				
	E»DESTINY HC	0.50	PMV	12				
	F»LIQUID AMS	2.50	PMV	12				
16A	HARNESS XTRA	2.24	LAA	9	57	80	88	198.0
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W

LSD (0.05)	15.00	5.30	6.33	25.64
STANDARD DEVIATION	7.33	2.59	3.10	12.56

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/13/2011(1)
 12 = ----- / POST 06/13/2011(2)
 13 = ----- / LPOST 06/21/2011(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	PRE	06/13/2011	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	06/13/2011	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PRE	06/13/2011	03	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	PRE	06/13/2011	04	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	PRE	06/13/2011	05	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	14 DAT	06/27/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	14 DAT	06/27/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	14 DAT	06/27/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	14 DAT	06/27/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	14 DAT	06/27/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	35 DAT	07/19/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	35 DAT	07/19/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	35 DAT	07/19/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	35 DAT	07/19/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	35 DAT	07/19/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/28/2011	01	P	ZEAMD		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = DKC62-97

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED