

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 29 FEET
 PLOT AREA: 217.5 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/20/15	06/16/15	06/30/15	AME
AIR TEMPERATURE	54	78	71	F
% REL.HUMIDITY	50	74	55	
WIND DIRECTION	EAST	NOT APPLI	NORTHWEST	
WIND SPEED	6.0	0.0	7.0	M/H
CLOUD COVER	CLOUDY--6	PAR.CLOUD	PAR.CLOUD	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
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	TO BE SEL	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	DEN / STG MIN / MAX	
CROP *				
P, CORN, DENT		---/13	---/16	
N60F-3111 RR/LL		6.00/6.00	18.0/24.0	IN
(PLANTED) 05/09/2015		38 DAP	52 DAP	
PEST *				
P, VELVETLEAF		---/14 3.00/5.00	---/16 1.00/6.00	IN
P, RAGWEED, GIANT		---/14 3.00/6.00	---/16 2.00/16.0	IN
P, LAMBSQUARTERS, C		---/19 2.00/4.00	---/19 1.00/5.00	IN
P, FOXTAIL, GIANT		---/13 2.00/4.00	---/15 1.00/5.00	IN

* TIMING CODES

09 = --- / PREEMERGENCE
 11 = --- / EPOST
 12 = --- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED

* STAGE CODE

13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 11/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 06/30/15	AMBTR CON % 06/30/15	CHEAL CON % 06/30/15	ABUTH CON % 06/30/15	SETFA CON % 06/30/15	ZEAMD CON % 07/10/15
		RATE	UNIT	TM						
1A	»ACURON 3.44 ZC	2.57	LAA	9	0	93	99	99	99	0
2A	»ACURON 3.44 ZC	2.57	LAA	9	0	93	99	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	0	94	99	99	99	0
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	0	68	96	99	99	0
5A	»SURESTART II 4	1.56	LAA	9	0	88	99	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	0	97	99	99	99	0
7A	»VERDICT 5.57L	0.78	LAA	9	0	98	99	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
8A	»GF-3471 3.28L	2.46	LAA	9	0	99	99	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A	»CORVUS 2.6SC	0.114	LAA	9	0	99	99	99	98	0
	B ATRAZINE DF	1.00	LAA	9						
10A	»ACURON 3.44 ZC	1.29	LAA	9	0	98	99	99	99	0
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»ACURON 3.44 ZC	1.29	LAA	9	0	98	99	99	99	0
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	0	88	99	99	99	0
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	0	83	99	96	99	0
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	0	99	99	99	99	0
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APPROACH 2.08L	0.049	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	AMBTR	CHEAL	ABUTH	SETFA	ZEAMD
		RATE	UNIT	TM	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 07/10/15
15A	KEYSTONE NXT 5	3.50	LAA	9	0	97	99	99	99	0
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
16A	GF-3471 3.28L	1.23	LAA	9	0	98	99	99	99	0
	B ATRAZINE DF	1.00	LAA	9						
	C»GF-3471 3.28L	1.03	LAA	12						
	D»DURANGO 4AE	1.00	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	SURESTART II 4	1.04	LAA	9	0	97	99	98	99	0
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	0	99	99	99	99	0
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
19A	BKFREE NXT ATZ	3.50	LAA	11	0	98	99	99	99	0
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
20A	HALEX GT 4.38L	1.97	LAA	11	0	98	99	99	99	0
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
21A	CALLISTO GT 4.	1.05	LAA	11	0	99	99	99	99	0
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	99	0
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	99	0
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
24A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.00	9.72	1.74	1.68	0.324	0.00
	STANDARD DEVIATION				0.00	4.86	0.868	0.84	0.162	0.00

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 11/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 07/10/15	CHEAL CON % 07/10/15	ABUTH CON % 07/10/15	SETFA CON % 07/10/15	ZEAMD CON % 07/20/15	AMBTR CON % 07/20/15
		RATE	UNIT	TM						
1A	»ACURON 3.44 ZC	2.57	LAA	9	97	99	99	99	0	98
2A	»ACURON 3.44 ZC	2.57	LAA	9	96	99	99	99	0	98
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	99	99	0	99
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	50	99	97	99	0	60
5A	»SURESTART II 4	1.56	LAA	9	75	99	93	99	0	78
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	88	99	99	99	0	83
7A	»VERDICT 5.57L	0.78	LAA	9	92	99	99	99	0	92
	B ATRAZINE DF	1.00	LAA	9						
8A	»GF-3471 3.28L	2.46	LAA	9	99	99	99	99	0	98
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A	»CORVUS 2.6SC	0.114	LAA	9	96	99	99	99	0	98
	B ATRAZINE DF	1.00	LAA	9						
10A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	99	99	0	99
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	99	99	0	99
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	98	99	99	99	0	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	98	99	99	99	0	98
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	99	99	99	99	0	99
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APPROACH 2.08L	0.049	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 07/10/15	CHEAL CON % 07/10/15	ABUTH CON % 07/10/15	SETFA CON % 07/10/15	ZEAMD CON % 07/20/15	AMBTR CON % 07/20/15
		RATE	UNIT	TM						
15A	KEYSTONE NXT 5	3.50	LAA	9	99	99	99	99	0	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
16A	GF-3471 3.28L	1.23	LAA	9	99	99	99	99	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C»GF-3471 3.28L	1.03	LAA	12						
	D»DURANGO 4AE	1.00	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	SURESTART II 4	1.04	LAA	9	99	99	99	99	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	98	99	99	99	0	98
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
19A	BKFREE NXT ATZ	3.50	LAA	11	98	99	99	99	0	98
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
20A	HALEX GT 4.38L	1.97	LAA	11	97	99	99	99	0	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
21A	CALLISTO GT 4.	1.05	LAA	11	98	99	99	99	0	98
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	RNDUP POWERMAX	1.125	LAA	11	99	99	99	99	0	97
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	RNDUP POWERMAX	1.125	LAA	11	94	99	99	99	0	98
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
24A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSLSD (0.05)				3.32	0.00	0.868	0.00	0.00	8.43
	STANDARD DEVIATION				1.66	0.00	0.434	0.00	0.00	4.22

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 11/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ABUTH	SETFA	ZEAMD	AMBTR	CHEAL
		RATE	UNIT	TM	CON % 07/20/15	CON % 07/20/15	CON % 07/20/15	CON % 07/30/15	CON % 07/30/15	CON % 07/30/15
1A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	98	0	98	99
2A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	98	0	98	99
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	99	0	99	99
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	99	88	80	0	53	99
5A	»SURESTART II 4	1.56	LAA	9	99	96	94	0	72	99
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	99	99	88	0	82	99
7A	»VERDICT 5.57L	0.78	LAA	9	99	99	94	0	92	99
	B ATRAZINE DF	1.00	LAA	9						
8A	»GF-3471 3.28L	2.46	LAA	9	99	99	99	0	98	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A	»CORVUS 2.6SC	0.114	LAA	9	99	99	96	0	98	99
	B ATRAZINE DF	1.00	LAA	9						
10A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	99	0	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	99	0	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	99	99	99	0	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	99	99	99	0	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	99	99	99	0	99	99
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APPROACH 2.08L	0.049	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ABUTH	SETFA	ZEAMD	AMBTR	CHEAL
		RATE	UNIT	TM	CON % 07/20/15	CON % 07/20/15	CON % 07/20/15	CON % 07/30/15	CON % 07/30/15	CON % 07/30/15
15A	KEYSTONE NXT 5	3.50	LAA	9	99	99	99	0	99	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
16A	GF-3471 3.28L	1.23	LAA	9	99	99	99	0	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»GF-3471 3.28L	1.03	LAA	12						
	D»DURANGO 4AE	1.00	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	SURESTART II 4	1.04	LAA	9	99	99	99	0	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	99	99	97	0	98	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
19A	BKFREE NXT ATZ	3.50	LAA	11	99	99	98	0	97	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
20A	HALEX GT 4.38L	1.97	LAA	11	99	99	99	0	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
21A	CALLISTO GT 4.	1.05	LAA	11	99	99	99	0	98	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	RNDUP POWERMAX	1.125	LAA	11	99	99	96	0	97	99
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	RNDUP POWERMAX	1.125	LAA	11	99	99	96	0	96	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
24A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSLSD (0.05)				0.00	1.38	7.13	0.00	9.32	0.00
	STANDARD DEVIATION				0.00	0.689	3.57	0.00	4.66	0.00

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 11/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 07/30/15	SETFA CON % 07/30/15	ZEAMD CON % 08/28/15	AMBTR CON % 08/28/15	CHEAL CON % 08/28/15	ABUTH CON % 08/28/15
		RATE	UNIT	TM						
1A	»ACURON 3.44 ZC	2.57	LAA	9	99	98	0	94	99	99
2A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	0	96	99	99
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	0	98	99	99
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	82	63	0	50	99	83
5A	»SURESTART II 4	1.56	LAA	9	87	72	0	68	99	96
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	99	80	0	82	99	99
7A	»VERDICT 5.57L	0.78	LAA	9	99	93	0	90	99	99
	B ATRAZINE DF	1.00	LAA	9						
8A	»GF-3471 3.28L	2.46	LAA	9	99	99	0	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A	»CORVUS 2.6SC	0.114	LAA	9	99	96	0	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
10A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	0	99	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	0	99	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	99	99	0	99	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	99	99	0	99	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APPROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	99	99	0	99	99	99
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APPROACH 2.08L	0.049	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 07/30/15	SETFA CON % 07/30/15	ZEAMD CON % 08/28/15	AMBTR CON % 08/28/15	CHEAL CON % 08/28/15	ABUTH CON % 08/28/15
		RATE	UNIT	TM						
15A	KEYSTONE NXT 5	3.50	LAA	9	99	99	0	99	99	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
16A	GF-3471 3.28L	1.23	LAA	9	99	99	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»GF-3471 3.28L	1.03	LAA	12						
	D»DURANGO 4AE	1.00	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	SURESTART II 4	1.04	LAA	9	99	99	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	99	97	0	97	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
19A	BKFREE NXT ATZ	3.50	LAA	11	99	99	0	98	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.078	LAA	11						
	E»ISOXADIFEN-ETH	0.0094	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APROACH 2.08L	0.049	LAA	11						
20A	HALEX GT 4.38L	1.97	LAA	11	99	99	0	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
21A	CALLISTO GT 4.	1.05	LAA	11	99	99	0	98	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	RNDUP POWERMAX	1.125	LAA	11	99	96	0	97	99	99
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
23A	RNDUP POWERMAX	1.125	LAA	11	99	96	0	97	99	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
24A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				3.00	12.18	0.00	8.47	0.00	5.15
	STANDARD DEVIATION				1.51	6.09	0.00	4.23	0.00	2.58

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 11/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	YIELD
		RATE	UNIT	TM	CON % 08/28/15	BU/A 10/22/15
1A	»ACURON 3.44 ZC	2.57	LAA	9	97	165.2
2A	»ACURON 3.44 ZC	2.57	LAA	9	99	178.0
	B ATRAZINE DF	1.00	LAA	9		
3A	»ACURON 3.44 ZC	2.57	LAA	9	98	178.0
	B»TOUCHDN TOTAL	0.98	LAA	12		
	C»STATUS 56DG	0.175	LAA	12		
	D»LIQUID AMS	2.50	PMV	12		
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	67	167.9
5A	»SURESTART II 4	1.56	LAA	9	70	138.1
	B ATRAZINE DF	1.00	LAA	9		
6A	»VERDICT 5.57L	0.696	LAA	9	80	164.3
7A	»VERDICT 5.57L	0.78	LAA	9	94	159.8
	B ATRAZINE DF	1.00	LAA	9		
8A	»GF-3471 3.28L	2.46	LAA	9	99	174.5
	B ATRAZINE DF	1.00	LAA	9		
	C»DURANGO 4AE	1.00	LAA	12		
	D»LIQUID AMS	2.50	PMV	12		
9A	»CORVUS 2.6SC	0.114	LAA	9	97	138.5
	B ATRAZINE DF	1.00	LAA	9		
10A	»ACURON 3.44 ZC	1.29	LAA	9	99	177.2
	B ATRAZINE DF	0.50	LAA	9		
	C»HALEX GT 4.38L	1.97	LAA	12		
	D ATRAZINE DF	0.50	LAA	12		
	E»ACTIVATOR 90	0.25	PMV	12		
	F»LIQUID AMS	2.50	PMV	12		
11A	»ACURON 3.44 ZC	1.29	LAA	9	99	188.1
	B ATRAZINE DF	0.50	LAA	9		
	C»ACURON 3.44 ZC	1.29	LAA	12		
	D ATRAZINE DF	0.50	LAA	12		
	E»ACTIVATOR 90	0.25	PMV	12		
12A	CINCH ATZ	2.06	LAA	9	99	173.5
	B»REALM Q	4.00	OMA	0		
	C RESOLVE 25DF	0.0188	LAA	12		
	D»MESOTRIONE 50W	0.078	LAA	12		
	E»ISOXADIFEN-ETH	0.0094	LAA	12		
	F ATRAZINE DF	1.00	LAA	12		
	G»ABUNDIT EXTRA	0.75	LAA	12		
	H»APPROACH 2.08L	0.049	LAA	12		
13A	»BKFREE NXT ATZ	3.50	LAA	9	99	167.7
	B»REALM Q	4.00	OMA	0		
	C RESOLVE 25DF	0.0188	LAA	12		
	D»MESOTRIONE 50W	0.078	LAA	12		
	E»ISOXADIFEN-ETH	0.0094	LAA	12		
	F ATRAZINE DF	1.00	LAA	12		
	G»ABUNDIT EXTRA	0.75	LAA	12		
	H»APPROACH 2.08L	0.049	LAA	12		
14A	CINCH ATZ	3.44	LAA	9	99	183.2
	B»INSTIGATE	6.00	OMA	0		
	C RESOLVE 25DF	0.0156	LAA	9		
	D»MESOTRIONE 50W	0.156	LAA	9		
	E ATRAZINE DF	0.50	LAA	9		
	F»ABUNDIT EXTRA	0.75	LAA	12		
	G»APPROACH 2.08L	0.049	LAA	12		

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA CON %	YIELD BU/A
		RATE	UNIT	TM	08/28/15	10/22/15
15A	KEYSTONE NXT 5	3.50	LAA	9	99	168.3
	B»HORNET 68.5WG	0.171	LAA	9		
	C»DURANGO 4AE	1.00	LAA	12		
	D»LIQUID AMS	2.50	PMV	12		
16A	GF-3471 3.28L	1.23	LAA	9	99	169.5
	B ATRAZINE DF	1.00	LAA	9		
	C»GF-3471 3.28L	1.03	LAA	12		
	D»DURANGO 4AE	1.00	LAA	12		
	E»LIQUID AMS	2.50	PMV	12		
17A	SURESTART II 4	1.04	LAA	9	99	161.2
	B ATRAZINE DF	1.00	LAA	9		
	C»DURANGO 4AE	1.00	LAA	12		
	D»LIQUID AMS	2.50	PMV	12		
18A	CINCH ATZ	3.44	LAA	11	98	187.0
	B»REALM Q	4.00	OMA	0		
	C RESOLVE 25DF	0.0188	LAA	11		
	D»MESOTRIONE 50W	0.078	LAA	11		
	E»ISOXADIFEN-ETH	0.0094	LAA	11		
	F ATRAZINE DF	1.00	LAA	11		
	G»ABUNDIT EXTRA	0.75	LAA	11		
	H»APROACH 2.08L	0.049	LAA	11		
19A	BKFREE NXT ATZ	3.50	LAA	11	99	164.8
	B»REALM Q	4.00	OMA	0		
	C RESOLVE 25DF	0.0188	LAA	11		
	D»MESOTRIONE 50W	0.078	LAA	11		
	E»ISOXADIFEN-ETH	0.0094	LAA	11		
	F ATRAZINE DF	1.00	LAA	11		
	G»ABUNDIT EXTRA	0.75	LAA	11		
	H»APROACH 2.08L	0.049	LAA	11		
20A	HALEX GT 4.38L	1.97	LAA	11	99	177.9
	B ATRAZINE DF	0.50	LAA	11		
	C»ACTIVATOR 90	0.25	PMV	11		
	D»LIQUID AMS	2.50	PMV	11		
21A	CALLISTO GT 4.	1.05	LAA	11	98	171.1
	B ATRAZINE DF	0.50	LAA	11		
	C»ACTIVATOR 90	0.25	PMV	11		
	D»LIQUID AMS	2.50	PMV	11		
22A	RNDUP POWERMAX	1.125	LAA	11	96	189.7
	B»STATUS 56DG	0.088	LAA	11		
	C»LIQUID AMS	2.50	PMV	11		
23A	RNDUP POWERMAX	1.125	LAA	11	96	160.8
	B IMPACT 2.8SC	0.016	LAA	11		
	C ATRAZINE DF	0.50	LAA	11		
	D»LIQUID AMS	2.50	PMV	11		
24A	CHECK	0.00	NA	0	0	85.5
		LSD (0.05)			12.08	32.68
		STANDARD DEVIATION			6.00	16.34

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/20/2015(1)
 11 = --- / EPOST 06/16/2015(2)
 12 = --- / POST 06/30/2015(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/30/2015	01	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	CON %	06/30/2015	02	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/30/2015	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in RR/LL Corn. SW 1500W

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
004	ABUTH	CON %	06/30/2015	04	P	ABUTH	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	06/30/2015	05	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/10/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBTR	CON %	07/10/2015	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	07/10/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/10/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/10/2015	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/20/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBTR	CON %	07/20/2015	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	07/20/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/20/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SETFA	CON %	07/20/2015	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/30/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMBTR	CON %	07/30/2015	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/30/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/30/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	07/30/2015	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ZEAMD	CON %	08/28/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMBTR	CON %	08/28/2015	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	CON %	08/28/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	08/28/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	SETFA	CON %	08/28/2015	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	YIELD	BU/A	10/22/2015	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = N60F-3111 RR/LL

* STAGE CODE

15 = 5 LEAVES UNFOLDED

16 = 6 LEAVES UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED