

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: CL
 PH:
 %OM: 0.0
 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	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/11/20	06/01/20	06/11/20	AME
TIME - BEGIN	14:45	11:30	13:15	24H
TIME - END	15:53	11:45	14:00	24H
AIR TEMPERATURE	57	73	82	F
% REL.HUMIDITY	45	60	35	
WIND DIRECTION	WEST	SOUTH	WEST	
WIND SPEED	6.0	5.0	5.0	M/H
CLOUD COVER	CLOUDY--6	OVERCAST-	CLEAR-0%	
DEW	TO BE SEL	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	55/4.00	70/4.00	76/4.00	F/IN
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE VOLUME	0.00	0.00	0.00	GPM
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	N/A	N/A	N/A	
SWATH WIDTH	7.5	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	20.0	IN
SPEED	3.00	3.00	3.00	M/H
MIX SIZE	0.330	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	GAL	
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, Dent corn MYCOGEN MY08T22 (PLANTED) 05/11/2020		---/12 6.00/7.00 21 DAP	---/15 10.0/13.0 31 DAP	IN
PEST *				
P, Velvetleaf		---/13 1.00/3.00	---/15 2.00/2.00	IN
P, Waterhemp, commo		---/12 0.25/1.00	---/15 1.00/2.00	IN
P, Lambsquarters, c		---/16 0.50/3.00		IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	MIN / MAX	
PEST * P, Morningglory, iv		---/10	---/13	IN
		0.50/0.50	2.00/3.00	
P, Giant foxtail		---/13	---/13	IN
		1.00/3.00	2.00/5.00	

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 12 = 2 LEAVES UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 05/07/2020 **REVISED:** 11/20/2020 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:**
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	AMATA	CHEAL	SETFA	ABUTH	IPOHE
		RATE	UNIT	TM	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20
1A	BICEP II MAGNU	1.50	QMA	9	0	86	99	87	96	99
B	HALEX GT 4.38L	3.60	PMA	12						
C	AATREX 4L	1.00	PMA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
2A	LEXAR EZ 3.7SC	1.75	QMA	9	0	99	99	86	99	96
B	HALEX GT 4.38L	3.60	PMA	12						
C	AATREX 4L	1.00	PMA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
3A	RESICORE 3.29S	1.25	QMA	9	0	99	99	73	99	99
B	AATREX 4L	2.00	PMA	9						
C	RESICORE 3.29S	1.25	QMA	12						
D	AATREX 4L	2.00	PMA	12						
E	DURANGO 4AE	32.00	ZMA	12						
F	LIQUID AMS	2.50	PMV	12						
4A	KEYSTONE NXT 5	1.50	QMA	9	0	98	99	78	96	99
B	RESICORE 3.29S	1.50	QMA	12						
C	AATREX 4L	2.00	PMA	12						
D	DURANGO 4AE	32.00	ZMA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	SURESTART II 4	2.00	PMA	9	0	99	99	82	99	99
B	AATREX 4L	2.00	PMA	9						
C	RESICORE 3.29S	1.50	QMA	12						
D	AATREX 4L	2.00	PMA	12						
E	DURANGO 4AE	32.00	ZMA	12						
F	LIQUID AMS	2.50	PMV	12						
6A	RESICORE 3.29S	1.25	QMA	9	0	99	99	77	99	95
B	AATREX 4L	2.00	PMA	9						
C	REALM Q	4.00	OMA	0						
D	RESOLVE 25DF	0.0188	LAA	12						
E	MESOTRIONE 50W	0.0781	LAA	12						
F	ISOXADIFEN-ETH	0.01	LAA	12						
G	AATREX 4L	2.00	PMA	12						
H	DURANGO 4AE	32.00	ZMA	12						
I	LIQUID AMS	2.50	PMV	12						
7A	KEYSTONE NXT 5	1.50	QMA	9	0	98	99	84	96	99
B	REALM Q	4.00	OMA	0						
C	RESOLVE 25DF	0.0188	LAA	12						
D	MESOTRIONE 50W	0.0781	LAA	12						
E	ISOXADIFEN-ETH	0.01	LAA	12						
F	AATREX 4L	2.00	PMA	12						
G	DURANGO 4AE	32.00	ZMA	12						
H	LIQUID AMS	2.50	PMV	12						
8A	RESICORE 3.29S	2.75	QMA	9	0	99	99	92	99	98
B	AATREX 4L	2.00	PMA	9						
C	ENLIST DUO 3.3	4.67	PMA	12						
D	LIQUID AMS	2.50	PMV	12						
9A	ANTHEM MAXX 4.	4.00	ZMA	9	0	99	99	79	99	98
B	CALLISTO 4SC	6.00	ZMA	9						
C	AATREX 4L	3.00	PMA	9						
D	STATUS 56DG	3.00	OMA	12						
E	RNDUP POWERMAX	32.00	ZMA	12						
F	LIQUID AMS	2.50	PMV	12						
10A	BICEP II MAGNU	1.67	QMA	9	0	90	99	87	76	96
B	SHIELDX 3.33S	1.00	ZMA	12						
C	AATREX 4L	1.00	PMA	12						
D	COC	1.00	PMV	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	AMATA	CHEAL	SETFA	ABUTH	IPOHE
		RATE	UNIT	TM	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20	CON % 06/11/20
11A	BICEP II MAGNU	1.67	QMA	9	0	93	99	91	86	93
	B>IMPACT 2.8SC	1.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D>COC	1.00	PMV	12						
12A	BICEP II MAGNU	1.67	QMA	9	0	95	98	93	77	96
	B>LAUDIS 3.5SC	3.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D>COC	1.00	PMV	12						
13A	HARNESS MAX 3.	64.00	ZMA	9	0	99	99	95	99	96
	B AATREX 4L	2.00	PMA	9						
	C>DIFLEXX DUO 1.	24.00	ZMA	12						
	D>MSO	1.00	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
14A	HARNESS EXTRA	2.00	QMA	9	0	99	99	93	99	99
	B>BAL FLEXX 2L	3.00	ZMA	9						
	C>CAPRENO 3.45 S	3.00	ZMA	12						
	D>ACTIVATOR 90	0.25	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
15A	HARNESS EXTRA	1.60	QMA	9	0	99	99	89	99	99
	B>IMPACTZ 4.26SC	10.70	ZMA	12						
	C>MSO	0.50	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
16A	ACURON XR 3.54	1.75	QMA	9	0	99	99	89	99	93
	B>ACURON XR 3.54	1.75	QMA	12						
	C>RNDUP POWERMAX	32.00	ZMA	12						
	D>LIQUID AMS	2.50	PMV	12						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A	ANTHEM MAXX 4.	4.00	ZMA	11	0	99	99	98	99	99
	B>CALLISTO 4SC	3.00	ZMA	11						
	C AATREX 4L	3.00	PMA	11						
	D>RNDUP POWERMAX	32.00	ZMA	11						
	E>LIQUID AMS	2.50	PMV	11						
19A	RESICORE 3.29S	2.00	QMA	11	0	99	99	99	99	99
	B AATREX 4L	2.00	PMA	11						
	C>ENLIST DUO 3.3	3.50	PMA	11						
	D>LIQUID AMS	2.50	PMV	11						
20A	HALEX GT 4.38L	4.00	PMA	11	0	99	99	99	99	99
	B AATREX 4L	1.00	PMA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	2.50	PMV	11						
21A	HARNESS MAX 3.	40.00	ZMA	11	0	99	99	98	99	99
	B AATREX 4L	1.00	PMA	11						
	C>RNDUP POWERMAX	28.00	ZMA	11						
	D>LIQUID AMS	2.50	PMV	11						
22A	LEXAR EZ 3.7SC	3.00	QMA	9	0	98	99	95	99	99
23A	RESICORE 3.29S	2.50	QMA	9	0	99	99	88	99	94
24A	BICEP II MAGNU	1.67	QMA	9	0	99	99	91	98	90
	LSD (0.05)				0.0	5.6	0.4	8.7	14.0	7.6
	STANDARD DEVIATION				0.0	2.8	0.2	4.4	7.0	3.8

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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	AMATA	CHEAL	SETFA	ABUTH	IPOHE
		RATE	UNIT	TM	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20
1A»	BICEP II MAGNU	1.50	QMA	9	0	99	99	99	99	96
	B»HALEX GT 4.38L	3.60	PMA	12						
	C AATREX 4L	1.00	PMA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
2A»	LEXAR EZ 3.7SC	1.75	QMA	9	0	99	99	98	99	99
	B»HALEX GT 4.38L	3.60	PMA	12						
	C AATREX 4L	1.00	PMA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
3A»	RESICORE 3.29S	1.25	QMA	9	3	99	99	98	99	98
	B AATREX 4L	2.00	PMA	9						
	C»RESICORE 3.29S	1.25	QMA	12						
	D AATREX 4L	2.00	PMA	12						
	E»DURANGO 4AE	32.00	ZMA	12						
	F»LIQUID AMS	2.50	PMV	12						
4A»	KEYSTONE NXT 5	1.50	QMA	9	0	99	99	99	99	99
	B»RESICORE 3.29S	1.50	QMA	12						
	C AATREX 4L	2.00	PMA	12						
	D»DURANGO 4AE	32.00	ZMA	12						
	E»LIQUID AMS	2.50	PMV	12						
5A»	SURESTART II 4	2.00	PMA	9	0	99	99	98	99	98
	B AATREX 4L	2.00	PMA	9						
	C»RESICORE 3.29S	1.50	QMA	12						
	D AATREX 4L	2.00	PMA	12						
	E»DURANGO 4AE	32.00	ZMA	12						
	F»LIQUID AMS	2.50	PMV	12						
6A»	RESICORE 3.29S	1.25	QMA	9	0	99	99	98	99	95
	B AATREX 4L	2.00	PMA	9						
	C»REALM Q	4.00	OMA	0						
	D»RESOLVE 25DF	0.0188	LAA	12						
	E»MESOTRIONE 50W	0.0781	LAA	12						
	F»ISOXADIFEN-ETH	0.01	LAA	12						
	G AATREX 4L	2.00	PMA	12						
	H»DURANGO 4AE	32.00	ZMA	12						
	I»LIQUID AMS	2.50	PMV	12						
7A»	KEYSTONE NXT 5	1.50	QMA	9	0	99	99	95	99	99
	B»REALM Q	4.00	OMA	0						
	C»RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.0781	LAA	12						
	E»ISOXADIFEN-ETH	0.01	LAA	12						
	F AATREX 4L	2.00	PMA	12						
	G»DURANGO 4AE	32.00	ZMA	12						
	H»LIQUID AMS	2.50	PMV	12						
8A»	RESICORE 3.29S	2.75	QMA	9	0	99	99	97	99	96
	B AATREX 4L	2.00	PMA	9						
	C»ENLIST DUO 3.3	4.67	PMA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	ANTHEM MAXX 4.	4.00	ZMA	9	0	99	99	96	99	96
	B»CALLISTO 4SC	6.00	ZMA	9						
	C AATREX 4L	3.00	PMA	9						
	D»STATUS 56DG	3.00	OMA	12						
	E»RNDUP POWERMAX	32.00	ZMA	12						
	F»LIQUID AMS	2.50	PMV	12						
10A»	BICEP II MAGNU	1.67	QMA	9	13	99	99	88	99	86
	B»SHIELDDEX 3.33S	1.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D»COC	1.00	PMV	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	AMATA	CHEAL	SETFA	ABUTH	IPOHE
		RATE	UNIT	TM	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20	CON % 06/23/20
11A	BICEP II MAGNU	1.67	QMA	9	2	99	99	87	99	96
	B>IMPACT 2.8SC	1.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D>COC	1.00	PMV	12						
12A	BICEP II MAGNU	1.67	QMA	9	0	99	99	88	99	96
	B>LAUDIS 3.5SC	3.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D>COC	1.00	PMV	12						
13A	HARNESS MAX 3.	64.00	ZMA	9	2	99	99	91	99	91
	B AATREX 4L	2.00	PMA	9						
	C>DIFLEXX DUO 1.	24.00	ZMA	12						
	D>MSO	1.00	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
14A	HARNESS EXTRA	2.00	QMA	9	6	99	99	98	99	99
	B>BAL FLEXX 2L	3.00	ZMA	9						
	C>CAPRENO 3.45 S	3.00	ZMA	12						
	D>ACTIVATOR 90	0.25	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
15A	HARNESS EXTRA	1.60	QMA	9	3	99	99	95	99	99
	B>IMPACTZ 4.26SC	10.70	ZMA	12						
	C>MSO	0.50	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
16A	ACURON XR 3.54	1.75	QMA	9	0	99	99	98	99	98
	B>ACURON XR 3.54	1.75	QMA	12						
	C>RNDUP POWERMAX	32.00	ZMA	12						
	D>LIQUID AMS	2.50	PMV	12						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A	ANTHEM MAXX 4.	4.00	ZMA	11	0	99	99	97	99	99
	B>CALLISTO 4SC	3.00	ZMA	11						
	C AATREX 4L	3.00	PMA	11						
	D>RNDUP POWERMAX	32.00	ZMA	11						
	E>LIQUID AMS	2.50	PMV	11						
19A	RESICORE 3.29S	2.00	QMA	11	3	99	99	96	99	99
	B AATREX 4L	2.00	PMA	11						
	C>ENLIST DUO 3.3	3.50	PMA	11						
	D>LIQUID AMS	2.50	PMV	11						
20A	HALEX GT 4.38L	4.00	PMA	11	2	99	99	96	99	93
	B AATREX 4L	1.00	PMA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	2.50	PMV	11						
21A	HARNESS MAX 3.	40.00	ZMA	11	0	99	99	92	99	83
	B AATREX 4L	1.00	PMA	11						
	C>RNDUP POWERMAX	28.00	ZMA	11						
	D>LIQUID AMS	2.50	PMV	11						
22A	LEXAR EZ 3.7SC	3.00	QMA	9	0	95	99	78	99	96
23A	RESICORE 3.29S	2.50	QMA	9	0	96	99	63	99	86
24A	BICEP II MAGNU	1.67	QMA	9	0	96	99	62	95	80
	LSD (0.05)				2.9	2.8	0.0	10.2	1.6	13.4
	STANDARD DEVIATION				1.4	1.4	0.0	5.1	0.8	6.7

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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 CON % 07/10/20	AMATA CON % 07/10/20	CHEAL CON % 07/10/20	SETFA CON % 07/10/20	ABUTH CON % 07/10/20	IPOHE CON % 07/10/20
		RATE	UNIT	TM						
1A	BICEP II MAGNU	1.50	QMA	9	0	99	99	96	99	93
B	HALEX GT 4.38L	3.60	PMA	12						
C	AATREX 4L	1.00	PMA	12						
D	ACTIVATOR 90	0.25	PMV	12						
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B	HALEX GT 4.38L	3.60	PMA	12						
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B	AATREX 4L	2.00	PMA	9						
C	RESICORE 3.29S	1.25	QMA	12						
D	AATREX 4L	2.00	PMA	12						
E	DURANGO 4AE	32.00	ZMA	12						
F	LIQUID AMS	2.50	PMV	12						
4A	KEYSTONE NXT 5	1.50	QMA	9	0	99	99	96	99	98
B	RESICORE 3.29S	1.50	QMA	12						
C	AATREX 4L	2.00	PMA	12						
D	DURANGO 4AE	32.00	ZMA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	SURESTART II 4	2.00	PMA	9	0	99	99	96	99	98
B	AATREX 4L	2.00	PMA	9						
C	RESICORE 3.29S	1.50	QMA	12						
D	AATREX 4L	2.00	PMA	12						
E	DURANGO 4AE	32.00	ZMA	12						
F	LIQUID AMS	2.50	PMV	12						
6A	RESICORE 3.29S	1.25	QMA	9	0	99	99	93	99	92
B	AATREX 4L	2.00	PMA	9						
C	REALM Q	4.00	OMA	0						
D	RESOLVE 25DF	0.0188	LAA	12						
E	MESOTRIONE 50W	0.0781	LAA	12						
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C	RESOLVE 25DF	0.0188	LAA	12						
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G	DURANGO 4AE	32.00	ZMA	12						
H	LIQUID AMS	2.50	PMV	12						
8A	RESICORE 3.29S	2.75	QMA	9	0	99	99	77	99	87
B	AATREX 4L	2.00	PMA	9						
C	ENLIST DUO 3.3	4.67	PMA	12						
D	LIQUID AMS	2.50	PMV	12						
9A	ANTHEM MAXX 4.	4.00	ZMA	9	0	99	99	80	99	85
B	CALLISTO 4SC	6.00	ZMA	9						
C	AATREX 4L	3.00	PMA	9						
D	STATUS 56DG	3.00	OMA	12						
E	RNDUP POWERMAX	32.00	ZMA	12						
F	LIQUID AMS	2.50	PMV	12						
10A	BICEP II MAGNU	1.67	QMA	9	0	99	99	72	99	65
B	SHIELDDEX 3.33S	1.00	ZMA	12						
C	AATREX 4L	1.00	PMA	12						
D	COC	1.00	PMV	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	AMATA	CHEAL	SETFA	ABUTH	IPOHE
		RATE	UNIT	TM	CON % 07/10/20	CON % 07/10/20	CON % 07/10/20	CON % 07/10/20	CON % 07/10/20	CON % 07/10/20
11A	BICEP II MAGNU	1.67	QMA	9	0	99	99	70	99	70
	B>IMPACT 2.8SC	1.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D>COC	1.00	PMV	12						
12A	BICEP II MAGNU	1.67	QMA	9	0	99	99	63	99	70
	B>LAUDIS 3.5SC	3.00	ZMA	12						
	C AATREX 4L	1.00	PMA	12						
	D>COC	1.00	PMV	12						
13A	HARNESS MAX 3.	64.00	ZMA	9	0	99	99	75	99	88
	B AATREX 4L	2.00	PMA	9						
	C>DIFLEXX DUO 1.	24.00	ZMA	12						
	D>MSO	1.00	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
14A	HARNESS EXTRA	2.00	QMA	9	0	99	99	87	99	95
	B>BAL FLEXX 2L	3.00	ZMA	9						
	C>CAPRENO 3.45 S	3.00	ZMA	12						
	D>ACTIVATOR 90	0.25	PMV	12						
	E>LIQUID AMS	2.50	PMV	12						
15A	HARNESS EXTRA	1.60	QMA	9	0	99	99	82	99	93
	B>IMPACTZ 4.26SC	10.70	ZMA	12						
	C>MSO	0.50	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
16A	ACURON XR 3.54	1.75	QMA	9	0	99	99	95	99	96
	B>ACURON XR 3.54	1.75	QMA	12						
	C>RNDUP POWERMAX	32.00	ZMA	12						
	D>LIQUID AMS	2.50	PMV	12						
17A	CHECK	0.00	NA	0	0	0	0	0	0	0
18A	ANTHEM MAXX 4.	4.00	ZMA	11	0	99	99	90	99	98
	B>CALLISTO 4SC	3.00	ZMA	11						
	C AATREX 4L	3.00	PMA	11						
	D>RNDUP POWERMAX	32.00	ZMA	11						
	E>LIQUID AMS	2.50	PMV	11						
19A	RESICORE 3.29S	2.00	QMA	11	0	99	99	90	99	96
	B AATREX 4L	2.00	PMA	11						
	C>ENLIST DUO 3.3	3.50	PMA	11						
	D>LIQUID AMS	2.50	PMV	11						
20A	HALEX GT 4.38L	4.00	PMA	11	0	99	99	93	99	88
	B AATREX 4L	1.00	PMA	11						
	C>ACTIVATOR 90	0.25	PMV	11						
	D>LIQUID AMS	2.50	PMV	11						
21A	HARNESS MAX 3.	40.00	ZMA	11	0	99	99	87	99	73
	B AATREX 4L	1.00	PMA	11						
	C>RNDUP POWERMAX	28.00	ZMA	11						
	D>LIQUID AMS	2.50	PMV	11						
22A	LEXAR EZ 3.7SC	3.00	QMA	9	0	90	99	58	99	93
23A	RESICORE 3.29S	2.50	QMA	9	0	91	99	30	99	57
24A	BICEP II MAGNU	1.67	QMA	9	0	93	99	25	93	63
	LSD (0.05)				0.0	5.6	0.0	13.3	2.3	16.7
	STANDARD DEVIATION				0.0	2.8	0.0	6.6	1.1	8.3

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 05/07/2020 **REVISED:** 11/20/2020 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Perry **RESEARCHED BY:**
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
		RATE	UNIT	TM	BU/A 10/15/20
1A	BICEP II MAGNU	1.50	QMA	9	237.4
B	HALEX GT 4.38L	3.60	PMA	12	
C	AATREX 4L	1.00	PMA	12	
D	ACTIVATOR 90	0.25	PMV	12	
E	LIQUID AMS	2.50	PMV	12	
2A	LEXAR EZ 3.7SC	1.75	QMA	9	235.5
B	HALEX GT 4.38L	3.60	PMA	12	
C	AATREX 4L	1.00	PMA	12	
D	ACTIVATOR 90	0.25	PMV	12	
E	LIQUID AMS	2.50	PMV	12	
3A	RESICORE 3.29S	1.25	QMA	9	237.6
B	AATREX 4L	2.00	PMA	9	
C	RESICORE 3.29S	1.25	QMA	12	
D	AATREX 4L	2.00	PMA	12	
E	DURANGO 4AE	32.00	ZMA	12	
F	LIQUID AMS	2.50	PMV	12	
4A	KEYSTONE NXT 5	1.50	QMA	9	244.2
B	RESICORE 3.29S	1.50	QMA	12	
C	AATREX 4L	2.00	PMA	12	
D	DURANGO 4AE	32.00	ZMA	12	
E	LIQUID AMS	2.50	PMV	12	
5A	SURESTART II 4	2.00	PMA	9	232.8
B	AATREX 4L	2.00	PMA	9	
C	RESICORE 3.29S	1.50	QMA	12	
D	AATREX 4L	2.00	PMA	12	
E	DURANGO 4AE	32.00	ZMA	12	
F	LIQUID AMS	2.50	PMV	12	
6A	RESICORE 3.29S	1.25	QMA	9	229.6
B	AATREX 4L	2.00	PMA	9	
C	REALM Q	4.00	OMA	0	
D	RESOLVE 25DF	0.0188	LAA	12	
E	MESOTRIONE 50W	0.0781	LAA	12	
F	ISOXADIFEN-ETH	0.01	LAA	12	
G	AATREX 4L	2.00	PMA	12	
H	DURANGO 4AE	32.00	ZMA	12	
I	LIQUID AMS	2.50	PMV	12	
7A	KEYSTONE NXT 5	1.50	QMA	9	229.7
B	REALM Q	4.00	OMA	0	
C	RESOLVE 25DF	0.0188	LAA	12	
D	MESOTRIONE 50W	0.0781	LAA	12	
E	ISOXADIFEN-ETH	0.01	LAA	12	
F	AATREX 4L	2.00	PMA	12	
G	DURANGO 4AE	32.00	ZMA	12	
H	LIQUID AMS	2.50	PMV	12	
8A	RESICORE 3.29S	2.75	QMA	9	230.0
B	AATREX 4L	2.00	PMA	9	
C	ENLIST DUO 3.3	4.67	PMA	12	
D	LIQUID AMS	2.50	PMV	12	
9A	ANTHEM MAXX 4.	4.00	ZMA	9	231.6
B	CALLISTO 4SC	6.00	ZMA	9	
C	AATREX 4L	3.00	PMA	9	
D	STATUS 56DG	3.00	OMA	12	
E	RNDUP POWERMAX	32.00	ZMA	12	
F	LIQUID AMS	2.50	PMV	12	
10A	BICEP II MAGNU	1.67	QMA	9	231.8
B	SHIELDDEX 3.33S	1.00	ZMA	12	
C	AATREX 4L	1.00	PMA	12	
D	COC	1.00	PMV	12	

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD BU/A 10/15/20
		RATE	UNIT	TM	
11A	BICEP II MAGNU	1.67	QMA	9	234.4
	B>IMPACT 2.8SC	1.00	ZMA	12	
	C AATREX 4L	1.00	PMA	12	
	D>COC	1.00	PMV	12	
12A	BICEP II MAGNU	1.67	QMA	9	224.4
	B>LAUDIS 3.5SC	3.00	ZMA	12	
	C AATREX 4L	1.00	PMA	12	
	D>COC	1.00	PMV	12	
13A	HARNESS MAX 3.	64.00	ZMA	9	211.4
	B AATREX 4L	2.00	PMA	9	
	C>DIFLEXX DUO 1.	24.00	ZMA	12	
	D>MSO	1.00	PMV	12	
	E>LIQUID AMS	2.50	PMV	12	
14A	HARNESS EXTRA	2.00	QMA	9	222.2
	B>BAL FLEXX 2L	3.00	ZMA	9	
	C>CAPRENO 3.45 S	3.00	ZMA	12	
	D>ACTIVATOR 90	0.25	PMV	12	
	E>LIQUID AMS	2.50	PMV	12	
15A	HARNESS EXTRA	1.60	QMA	9	240.5
	B>IMPACTZ 4.26SC	10.70	ZMA	12	
	C>MSO	0.50	PMV	12	
	D>LIQUID AMS	2.50	PMV	12	
16A	ACURON XR 3.54	1.75	QMA	9	229.2
	B>ACURON XR 3.54	1.75	QMA	12	
	C>RNDUP POWERMAX	32.00	ZMA	12	
	D>LIQUID AMS	2.50	PMV	12	
17A	CHECK	0.00	NA	0	145.2
18A	ANTHEM MAXX 4.	4.00	ZMA	11	234.7
	B>CALLISTO 4SC	3.00	ZMA	11	
	C AATREX 4L	3.00	PMA	11	
	D>RNDUP POWERMAX	32.00	ZMA	11	
	E>LIQUID AMS	2.50	PMV	11	
19A	RESICORE 3.29S	2.00	QMA	11	232.1
	B AATREX 4L	2.00	PMA	11	
	C>ENLIST DUO 3.3	3.50	PMA	11	
	D>LIQUID AMS	2.50	PMV	11	
20A	HALEX GT 4.38L	4.00	PMA	11	215.7
	B AATREX 4L	1.00	PMA	11	
	C>ACTIVATOR 90	0.25	PMV	11	
	D>LIQUID AMS	2.50	PMV	11	
21A	HARNESS MAX 3.	40.00	ZMA	11	214.7
	B AATREX 4L	1.00	PMA	11	
	C>RNDUP POWERMAX	28.00	ZMA	11	
	D>LIQUID AMS	2.50	PMV	11	
22A	LEXAR EZ 3.7SC	3.00	QMA	9	228.0
23A	RESICORE 3.29S	2.50	QMA	9	208.7
24A	BICEP II MAGNU	1.67	QMA	9	228.7
		LSD (0.05)			25.98
		STANDARD DEVIATION			12.99

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 05/11/2020(1)
11 = --- / EPOST 06/01/2020(2)
12 = --- / POST 06/11/2020(3)

TITLE: Weed Control Systems in RR/LL Corn.

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/11/2020	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/11/2020	02	P	AMATA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/11/2020	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/11/2020	04	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/11/2020	05	P	ABUTH	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOHE	CON %	06/11/2020	06	P	IPOHE	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/23/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/23/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/23/2020	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/23/2020	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/23/2020	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	06/23/2020	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/10/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	CON %	07/10/2020	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/10/2020	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/10/2020	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/10/2020	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	IPOHE	CON %	07/10/2020	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ZEAMD	BU/A	10/15/2020	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = MYCOGEN MY08T2

* STAGE CODE

13 = 3 LEAVES UNFOLDED

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

15 = 5 LEAVES UNFOLDED

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED