APPLICATIONS

SOIL INFORMATION

TEXTURE: CL
PH:
%OM: 0.0
PREV.CROP: NA -
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/30/18	05/21/18	05/29/18	AME
TIME - BEGIN	11:30	13:35	10:30	24H
TIME - END	11:55	13:45	10:50	24H
AIR TEMPERATURE	73	75	80	F
% REL.HUMIDITY	36	71	83	
WIND DIRECTION	SOUTH	WEST	EAST	
WIND SPEED	7.0	5.0	3.0	M/H
CLOUD COVER	CLEAR-0%	OVERCAST-	OVERCAST-	
DEW	TO BE SEL	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	56/4.00	80/4.00	78/4.00	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		---/13	---/15	
G12W66-3122 E-Z		8.00/8.00	17.0/17.0	IN
(PLANTED) 04/30/2018		21 DAP	29 DAP	
PEST *				
P, Velvetleaf		---/12	---/17	
		1.00/2.00	3.00/5.00	IN
P, Waterhemp, commo		---/10		
		0.25/1.00		IN
P, Lambsquarters, c		---/14		
		0.50/1.00		IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *				
P, Morningglory, iv		---/13 1.00/2.00	---/15 3.00/5.00	IN
P, Giant foxtail		---/13 1.00/4.00	---/15 5.00/7.00	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE
11 = --- / EPOST
12 = --- / POST

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 04/27/2018 **REVISED:** 08/29/2018 **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 RATE	UNIT	TM	ZEAMD CON % 05/21/18	AMATA CON % 05/21/18	ABUTH CON % 05/21/18	SETFA CON % 05/21/18	CHEAL CON % 05/21/18	IPOHE CON % 05/21/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»CORVUS 2.6SC	0.091	LAA	9	0	99	99	98	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	»DIFLEXX DUO 1.	0.383	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
3A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	97	99	98
B	ATRAZINE DF	1.50	LAA	9						
C	»CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
4A	»BAL FLEXX 2L	0.063	LAA	9	0	99	98	96	99	98
B	»DIFLEXX DUO 1.	0.383	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
5A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	98	97	99	97
B	»HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
6A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	97	99	99
B	»ACURON 3.44 ZC	1.08	LAA	11						
C	»RNDUP POWERMAX	0.91	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	98	98	99	98
B	PRINCEP 4L	1.00	LAA	9						
C	»ACURON 3.44 ZC	1.08	LAA	11						
D	»RNDUP POWERMAX	0.91	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
8A	»BKFREE NXT ATZ	3.50	LAA	9	0	99	97	98	99	94
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	ATRAZINE DF	1.00	LAA	12						
G	»DURANGO 4AE	1.125	LAA	12						
H	»LIQUID AMS	2.50	PMV	12						
9A	»RESICORE 3.29S	1.48	LAA	9	0	99	99	98	99	94
B	ATRAZINE DF	1.00	LAA	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	ATRAZINE DF	1.00	LAA	12						
H	»DURANGO 4AE	1.125	LAA	12						
I	»LIQUID AMS	2.50	PMV	12						
10A	»SURESTART II 4	1.30	LAA	9	0	99	96	99	99	94
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
12A	»RESICORE 3.29S	1.13	LAA	9	0	99	99	98	99	96
B	ATRAZINE DF	1.00	LAA	9						
C	»RESICORE 3.29S	1.03	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E	»DURANGO 4AE	1.125	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/21/18	AMATA CON % 05/21/18	ABUTH CON % 05/21/18	SETFA CON % 05/21/18	CHEAL CON % 05/21/18	IPOHE CON % 05/21/18
	F»LIQUID AMS	2.50	PMV	12						
13A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	98	98
	B»TRICOR 75DF	0.25	LAA	9						
	C»INTERLINE 2.34	0.585	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	99	99
	B»TRICOR 75DF	0.25	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»TRICOR 75DF	0.25	LAA	9	0	99	87	88	98	96
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»INTERLINE 2.34	0.585	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	»TRICOR 75DF	0.25	LAA	9	0	99	95	98	99	96
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»RNDUP POWERMAX	1.125	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»BKFREE NXT ATZ	3.50	LAA	11	0	0	0	0	0	0
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.0781	LAA	11						
	E»ISOXADIFEN-ETH	0.01	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»DURANGO 4AE	1.125	LAA	11						
	H»LIQUID AMS	2.50	PMV	11						
18A	»ACURON 3.44 ZC	2.15	LAA	9	0	99	99	98	99	96
19A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	99	99	97
	B ATRAZINE DF	1.50	LAA	9						
20A	»ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	99	99	97
	B CALLISTO 4SC	0.188	LAA	9						
	C ATRAZINE DF	2.00	LAA	9						
	LSD (0.05)				0.0	0.0	5.9	6.1	0.9	4.7
	STANDARD DEVIATION				0.0	0.0	2.9	3.0	0.5	2.3

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 04/27/2018 **REVISED:** 08/29/2018 **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 RATE	UNIT	TM	ZEAMD CON % 05/29/18	AMATA CON % 05/29/18	ABUTH CON % 05/29/18	SETFA CON % 05/29/18	CHEAL CON % 05/29/18	IPOHE CON % 05/29/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»CORVUS 2.6SC	0.091	LAA	9	0	99	98	94	99	98
B	ATRAZINE DF	1.50	LAA	9						
C	»DIFLEXX DUO 1.	0.383	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
3A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	94	99	98
B	ATRAZINE DF	1.50	LAA	9						
C	»CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
4A	»BAL FLEXX 2L	0.063	LAA	9	0	99	96	86	99	90
B	»DIFLEXX DUO 1.	0.383	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
5A	»ACURON 3.44 ZC	1.08	LAA	9	C	C	C	C	C	C
B	»HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
6A	»ACURON 3.44 ZC	1.08	LAA	9	C	C	C	C	C	C
B	»ACURON 3.44 ZC	1.08	LAA	11						
C	»RNDUP POWERMAX	0.91	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ACURON 3.44 ZC	1.08	LAA	9	C	C	C	C	C	C
B	PRINCEP 4L	1.00	LAA	9						
C	»ACURON 3.44 ZC	1.08	LAA	11						
D	»RNDUP POWERMAX	0.91	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
8A	»BKFREE NXT ATZ	3.50	LAA	9	0	99	85	98	99	90
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	ATRAZINE DF	1.00	LAA	12						
G	»DURANGO 4AE	1.125	LAA	12						
H	»LIQUID AMS	2.50	PMV	12						
9A	»RESICORE 3.29S	1.48	LAA	9	0	99	98	95	99	88
B	ATRAZINE DF	1.00	LAA	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	ATRAZINE DF	1.00	LAA	12						
H	»DURANGO 4AE	1.125	LAA	12						
I	»LIQUID AMS	2.50	PMV	12						
10A	»SURESTART II 4	1.30	LAA	9	0	99	91	96	99	78
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»RESICORE 3.29S	2.26	LAA	9	0	99	98	99	99	98
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
12A	»RESICORE 3.29S	1.13	LAA	9	0	99	98	92	99	92
B	ATRAZINE DF	1.00	LAA	9						
C	»RESICORE 3.29S	1.03	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E	»DURANGO 4AE	1.125	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/29/18	AMATA CON % 05/29/18	ABUTH CON % 05/29/18	SETFA CON % 05/29/18	CHEAL CON % 05/29/18	IPOHE CON % 05/29/18
	F»LIQUID AMS	2.50	PMV	12						
13A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	96	99	98
	B»TRICOR 75DF	0.25	LAA	9						
	C»INTERLINE 2.34	0.585	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	98	99	99
	B»TRICOR 75DF	0.25	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»TRICOR 75DF	0.25	LAA	9	0	99	81	86	99	95
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»INTERLINE 2.34	0.585	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	»TRICOR 75DF	0.25	LAA	9	0	99	97	93	99	94
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»RNDUP POWERMAX	1.125	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»BKFREE NXT ATZ	3.50	LAA	11	C	C	C	C	C	C
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.0781	LAA	11						
	E»ISOXADIFEN-ETH	0.01	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»DURANGO 4AE	1.125	LAA	11						
	H»LIQUID AMS	2.50	PMV	11						
18A	»ACURON 3.44 ZC	2.15	LAA	9	0	99	99	89	96	93
19A	»RESICORE 3.29S	2.26	LAA	9	0	99	98	99	99	97
	B ATRAZINE DF	1.50	LAA	9						
20A	»ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	97	99	95
	B CALLISTO 4SC	0.188	LAA	9						
	C ATRAZINE DF	2.00	LAA	9						
	LSD (0.05)				0.0	0.0	8.9	6.2	1.9	10.3
	STANDARD DEVIATION				0.0	0.0	4.4	3.1	0.9	5.1

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 04/27/2018 **REVISED:** 08/29/2018 **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 RATE	UNIT	TM	ZEAMD 14 DAT 06/04/18	AMATA 14 DAT 06/04/18	ABUTH 14 DAT 06/04/18	SETFA 14 DAT 06/04/18	CHEAL 14 DAT 06/04/18	IPOHE 14 DAT 06/04/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»CORVUS 2.6SC	0.091	LAA	9	0	99	99	98	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	»DIFLEXX DUO 1.	0.383	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
3A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	99	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	»CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
4A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	99	99	99
B	»DIFLEXX DUO 1.	0.383	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
5A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	99	99	99
B	»HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
6A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	99	99	99
B	»ACURON 3.44 ZC	1.08	LAA	11						
C	»RNDUP POWERMAX	0.91	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	99	99	99
B	PRINCEP 4L	1.00	LAA	9						
C	»ACURON 3.44 ZC	1.08	LAA	11						
D	»RNDUP POWERMAX	0.91	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
8A	»BKFREE NXT ATZ	3.50	LAA	9	0	99	99	99	99	98
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	ATRAZINE DF	1.00	LAA	12						
G	»DURANGO 4AE	1.125	LAA	12						
H	»LIQUID AMS	2.50	PMV	12						
9A	»RESICORE 3.29S	1.48	LAA	9	0	99	99	99	99	99
B	ATRAZINE DF	1.00	LAA	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	ATRAZINE DF	1.00	LAA	12						
H	»DURANGO 4AE	1.125	LAA	12						
I	»LIQUID AMS	2.50	PMV	12						
10A	»SURESTART II 4	1.30	LAA	9	0	99	98	99	99	89
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
12A	»RESICORE 3.29S	1.13	LAA	9	0	99	99	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C	»RESICORE 3.29S	1.03	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E	»DURANGO 4AE	1.125	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD 14 DAT 06/04/18	AMATA 14 DAT 06/04/18	ABUTH 14 DAT 06/04/18	SETFA 14 DAT 06/04/18	CHEAL 14 DAT 06/04/18	IPOHE 14 DAT 06/04/18
	F»LIQUID AMS	2.50	PMV	12						
13A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	99	99
	B»TRICOR 75DF	0.25	LAA	9						
	C»INTERLINE 2.34	0.585	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	99	99
	B»TRICOR 75DF	0.25	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»TRICOR 75DF	0.25	LAA	9	0	99	99	98	99	98
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»INTERLINE 2.34	0.585	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	»TRICOR 75DF	0.25	LAA	9	0	99	99	99	99	99
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»RNDUP POWERMAX	1.125	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»BKFREE NXT ATZ	3.50	LAA	11	1	99	99	99	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.0781	LAA	11						
	E»ISOXADIFEN-ETH	0.01	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»DURANGO 4AE	1.125	LAA	11						
	H»LIQUID AMS	2.50	PMV	11						
18A	»ACURON 3.44 ZC	2.15	LAA	9	0	99	98	72	99	91
19A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	97	99	98
	B ATRAZINE DF	1.50	LAA	9						
20A	»ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	94	99	99
	B CALLISTO 4SC	0.188	LAA	9						
	C ATRAZINE DF	2.00	LAA	9						
	LSD (0.05)				0.0	0.0	0.6	4.8	0.0	6.1
	STANDARD DEVIATION				0.0	0.0	0.3	2.4	0.0	3.0

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 04/27/2018 **REVISED:** 08/29/2018 **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 RATE	UNIT	TM	ZEAMD 28 DAT 06/17/18	AMATA 28 DAT 06/17/18	ABUTH 28 DAT 06/17/18	SETFA 28 DAT 06/17/18	CHEAL 28 DAT 06/17/18	IPOHE 28 DAT 06/17/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»CORVUS 2.6SC	0.091	LAA	9	0	99	99	98	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	»DIFLEXX DUO 1.	0.383	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
3A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	98	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	»CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
4A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	99	99	98
B	»DIFLEXX DUO 1.	0.383	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
5A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	99	99	98
B	»HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
6A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	98	99	99	98
B	»ACURON 3.44 ZC	1.08	LAA	11						
C	»RNDUP POWERMAX	0.91	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	99	99	98
B	PRINCEP 4L	1.00	LAA	9						
C	»ACURON 3.44 ZC	1.08	LAA	11						
D	»RNDUP POWERMAX	0.91	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
8A	»BKFREE NXT ATZ	3.50	LAA	9	0	99	99	99	99	96
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	ATRAZINE DF	1.00	LAA	12						
G	»DURANGO 4AE	1.125	LAA	12						
H	»LIQUID AMS	2.50	PMV	12						
9A	»RESICORE 3.29S	1.48	LAA	9	0	99	99	98	99	98
B	ATRAZINE DF	1.00	LAA	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	ATRAZINE DF	1.00	LAA	12						
H	»DURANGO 4AE	1.125	LAA	12						
I	»LIQUID AMS	2.50	PMV	12						
10A	»SURESTART II 4	1.30	LAA	9	0	99	96	98	99	87
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»RESICORE 3.29S	2.26	LAA	9	0	99	98	99	99	95
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
12A	»RESICORE 3.29S	1.13	LAA	9	0	99	98	99	99	98
B	ATRAZINE DF	1.00	LAA	9						
C	»RESICORE 3.29S	1.03	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E	»DURANGO 4AE	1.125	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD 28 DAT 06/17/18	AMATA 28 DAT 06/17/18	ABUTH 28 DAT 06/17/18	SETFA 28 DAT 06/17/18	CHEAL 28 DAT 06/17/18	IPOHE 28 DAT 06/17/18
	F»LIQUID AMS	2.50	PMV	12						
13A	»COYOTE 3.67SE	1.83	LAA	9	0	99	98	99	99	98
	B»TRICOR 75DF	0.25	LAA	9						
	C»INTERLINE 2.34	0.585	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	99	99
	B»TRICOR 75DF	0.25	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»TRICOR 75DF	0.25	LAA	9	0	99	99	98	99	98
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»INTERLINE 2.34	0.585	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	»TRICOR 75DF	0.25	LAA	9	0	99	99	99	99	99
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»RNDUP POWERMAX	1.125	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»BKFREE NXT ATZ	3.50	LAA	11	0	99	99	99	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.0781	LAA	11						
	E»ISOXADIFEN-ETH	0.01	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»DURANGO 4AE	1.125	LAA	11						
	H»LIQUID AMS	2.50	PMV	11						
18A	»ACURON 3.44 ZC	2.15	LAA	9	0	99	90	67	99	90
19A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	95	99	94
	B ATRAZINE DF	1.50	LAA	9						
20A	»ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	93	99	98
	B CALLISTO 4SC	0.188	LAA	9						
	C ATRAZINE DF	2.00	LAA	9						
	LSD (0.05)				0.0	0.0	4.8	6.4	0.0	7.3
	STANDARD DEVIATION				0.0	0.0	2.4	3.2	0.0	3.6

DATA MEAN

TITLE: Weed Control Systems in RR/LL Corn.
CREATED: 04/27/2018 **REVISED:** 08/29/2018 **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 RATE	UNIT	TM	ZEAMD CON % 07/09/18	AMATA CON % 07/09/18	ABUTH CON % 07/09/18	SETFA CON % 07/09/18	CHEAL CON % 07/09/18	IPOHE CON % 07/09/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»CORVUS 2.6SC	0.091	LAA	9	0	99	99	95	99	98
B	ATRAZINE DF	1.50	LAA	9						
C	»DIFLEXX DUO 1.	0.383	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
3A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	98	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	»CAPRENO 3.45 S	0.081	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
4A	»BAL FLEXX 2L	0.063	LAA	9	0	99	99	98	99	99
B	»DIFLEXX DUO 1.	0.383	LAA	12						
C	»RNDUP POWERMAX	1.125	LAA	12						
5A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	98	99	98
B	»HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
6A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	98	99	99	98
B	»ACURON 3.44 ZC	1.08	LAA	11						
C	»RNDUP POWERMAX	0.91	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	99	99	98
B	PRINCEP 4L	1.00	LAA	9						
C	»ACURON 3.44 ZC	1.08	LAA	11						
D	»RNDUP POWERMAX	0.91	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
8A	»BKFREE NXT ATZ	3.50	LAA	9	0	99	99	99	99	95
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	ATRAZINE DF	1.00	LAA	12						
G	»DURANGO 4AE	1.125	LAA	12						
H	»LIQUID AMS	2.50	PMV	12						
9A	»RESICORE 3.29S	1.48	LAA	9	0	99	99	98	99	96
B	ATRAZINE DF	1.00	LAA	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	ATRAZINE DF	1.00	LAA	12						
H	»DURANGO 4AE	1.125	LAA	12						
I	»LIQUID AMS	2.50	PMV	12						
10A	»SURESTART II 4	1.30	LAA	9	0	99	97	98	99	86
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	99	99	95
B	ATRAZINE DF	1.00	LAA	9						
C	»DURANGO 4AE	1.125	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
12A	»RESICORE 3.29S	1.13	LAA	9	0	99	98	99	99	98
B	ATRAZINE DF	1.00	LAA	9						
C	»RESICORE 3.29S	1.03	LAA	12						
D	ATRAZINE DF	1.00	LAA	12						
E	»DURANGO 4AE	1.125	LAA	12						

TITLE: Weed Control Systems in RR/LL Corn.

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 07/09/18	AMATA CON % 07/09/18	ABUTH CON % 07/09/18	SETFA CON % 07/09/18	CHEAL CON % 07/09/18	IPOHE CON % 07/09/18
	F»LIQUID AMS	2.50	PMV	12						
13A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	99	98
	B»TRICOR 75DF	0.25	LAA	9						
	C»INTERLINE 2.34	0.585	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
14A	»COYOTE 3.67SE	1.83	LAA	9	0	99	99	99	99	99
	B»TRICOR 75DF	0.25	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
15A	»TRICOR 75DF	0.25	LAA	9	0	99	99	98	99	98
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»INTERLINE 2.34	0.585	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	»TRICOR 75DF	0.25	LAA	9	0	99	99	99	99	98
	B»SATELLITE HYDR	1.43	LAA	9						
	C»COYOTE 3.67SE	1.83	LAA	12						
	D»RNDUP POWERMAX	1.125	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
17A	»BKFREE NXT ATZ	3.50	LAA	11	0	99	99	99	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	11						
	D»MESOTRIONE 50W	0.0781	LAA	11						
	E»ISOXADIFEN-ETH	0.01	LAA	11						
	F ATRAZINE DF	1.00	LAA	11						
	G»DURANGO 4AE	1.125	LAA	11						
	H»LIQUID AMS	2.50	PMV	11						
18A	»ACURON 3.44 ZC	2.15	LAA	9	0	99	90	61	99	90
19A	»RESICORE 3.29S	2.26	LAA	9	0	99	99	91	99	92
	B ATRAZINE DF	1.50	LAA	9						
20A	»ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	91	99	97
	B CALLISTO 4SC	0.188	LAA	9						
	C ATRAZINE DF	2.00	LAA	9						
	LSD (0.05)				0.0	0.0	4.8	8.0	0.0	7.9
	STANDARD DEVIATION				0.0	0.0	2.4	4.0	0.0	3.9

» **= SUPPLEMENTAL CHEMICAL** **---,M,C,D = MISSING DATA**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 04/30/2018(1)
11 = --- / EPOST 05/21/2018(2)
12 = --- / POST 05/29/2018(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/21/2018	01	P	ZEAMD	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	05/21/2018	02	P	AMATA	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	05/21/2018	03	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	05/21/2018	04	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/21/2018	05	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	IPOHE	CON %	05/21/2018	06	P	IPOHE	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	05/29/2018	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	05/29/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	05/29/2018	03	P	ABUTH	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	05/29/2018	04	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	05/29/2018	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	05/29/2018	06	P	IPOHE	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	14 DAT	06/04/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	14 DAT	06/04/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	14 DAT	06/04/2018	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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	CTRT	SS	NOTE
016	SETFA	14 DAT	06/04/2018	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	14 DAT	06/04/2018	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	IPOHE	14 DAT	06/04/2018	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ZEAMD	28 DAT	06/17/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMATA	28 DAT	06/17/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ABUTH	28 DAT	06/17/2018	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	28 DAT	06/17/2018	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	28 DAT	06/17/2018	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	IPOHE	28 DAT	06/17/2018	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ZEAMD	CON %	07/09/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	AMATA	CON %	07/09/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	ABUTH	CON %	07/09/2018	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	SETFA	CON %	07/09/2018	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	CHEAL	CON %	07/09/2018	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	IPOHE	CON %	07/09/2018	06	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = G12W66-3122 E-Z

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED