APPLICATIONS

SOIL INFORMATION

TEXTURE: SIC
PH: 6.2
%OM: 3.5
PREV.CROP: GLXMA - Soybean
%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	06/04/19	06/14/19	07/02/19	AME
TIME - BEGIN	18:30	09:55	10:00	24H
TIME - END	18:40	10:05	10:05	24H
AIR TEMPERATURE	83	68	86	F
% REL.HUMIDITY	52	45	70	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	SOUTHWEST	
WIND SPEED	10.0	10.0	4.0	M/H
CLOUD COVER	PAR.CLOUD	PAR.CLOUD	CLEAR-0%	
DEW	NO	NO	NO	
SOIL MOISTURE	MOIST/DRY	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	76/4.00	62/4.00	77/4.00	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	---/01	---/11	---/15	
DKC55-20	/	2.00/3.00	18.0/18.0	IN
(PLANTED) 06/04/2019	0 DAP	10 DAP	28 DAP	
PEST *				
P, Waterhemp, commo		---/12	---/19	
		0.25/0.50	6.00/12.0	IN
P, Tall morning glo		---/10	---/16	
		0.50/0.50	2.00/4.00	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE

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

*** STAGE CODE**
01 = BEGINNING OF IMBIBITION
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: FMC Anthem Maxx programs in RR/LL corn. Lost 40-B
CREATED: 04/03/2019 **REVISED:** 11/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **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 % 06/17/19	ZEAMD CON % 06/24/19	ZEAMD CON % 07/01/19	ZEAMD CON % 07/09/19	ZEAMD CON % 07/16/19	ZEAMD CON % 07/23/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ANTHEM MAXX 4.	0.134	LAA	9	0	0	0	0	0	0
B	CALLISTO 4SC	0.1875	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	9	0	0	0	0	0	0
B	ATRAZINE DF	1.50	LAA	9						
4A	»ACURON 3.44 ZC	2.58	LAA	9	0	0	0	0	0	0
5A	»RESICORE 3.29S	2.06	LAA	9	0	0	0	0	0	0
B	ATRAZINE DF	1.50	LAA	9						
6A	»ANTHEM MAXX 4.	0.134	LAA	11	0	0	0	0	0	0
B	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	1.50	LAA	11						
D	»RNDUP POWERMAX	1.125	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
7A	BICEP II MAG	2.75	LAA	11	0	0	0	0	0	0
B	CALLISTO 4SC	0.094	LAA	11						
C	»RNDUP POWERMAX	1.125	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»ANTHEM MAXX 4.	0.134	LAA	9	0	0	0	0	0	0
B	CALLISTO 4SC	0.125	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
D	»STATUS 56DG	0.14	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				0.0	0.0	0.0	0.0	0.0	0.0
	STANDARD DEVIATION				0.0	0.0	0.0	0.0	0.0	0.0

TITLE: FMC Anthem Maxx programs in RR/LL corn. Lost 40-B
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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 RATE	UNIT	TM	AMATA CON % 06/17/19	PHBPU CON % 06/17/19	AMATA CON % 06/24/19	PHBPU CON % 06/24/19	AMATA CON % 07/01/19	PHBPU CON % 07/01/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ANTHEM MAXX 4.	0.134	LAA	9	96	83	98	84	98	83
B	CALLISTO 4SC	0.1875	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	9	93	92	94	82	93	87
B	ATRAZINE DF	1.50	LAA	9						
4A	»ACURON 3.44 ZC	2.58	LAA	9	93	83	95	77	93	80
5A	»RESICORE 3.29S	2.06	LAA	9	98	96	99	96	99	95
B	ATRAZINE DF	1.50	LAA	9						
6A	»ANTHEM MAXX 4.	0.134	LAA	11	98	98	99	99	96	99
B	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	1.50	LAA	11						
D	»RNDUP POWERMAX	1.125	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
7A	BICEP II MAG	2.75	LAA	11	99	95	99	88	99	88
B	CALLISTO 4SC	0.094	LAA	11						
C	»RNDUP POWERMAX	1.125	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»ANTHEM MAXX 4.	0.134	LAA	9	93	85	92	80	92	82
B	CALLISTO 4SC	0.125	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
D	»STATUS 56DG	0.14	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				5.9	16.5	5.0	17.5	5.9	14.8
	STANDARD DEVIATION				2.7	7.7	2.3	8.2	2.7	6.9

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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 RATE	UNIT	TM	AMATA CON % 07/09/19	PHBPU CON % 07/09/19	AMATA CON % 07/16/19	PHBPU CON % 07/16/19	AMATA CON % 07/23/19	PHBPU CON % 07/23/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ANTHEM MAXX 4.	0.134	LAA	9	95	80	67	92	70	93
B	CALLISTO 4SC	0.1875	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	9	93	85	82	88	81	89
B	ATRAZINE DF	1.50	LAA	9						
4A	»ACURON 3.44 ZC	2.58	LAA	9	90	78	90	99	88	99
5A	»RESICORE 3.29S	2.06	LAA	9	99	88	92	99	89	99
B	ATRAZINE DF	1.50	LAA	9						
6A	»ANTHEM MAXX 4.	0.134	LAA	11	98	95	97	98	96	96
B	CALLISTO 4SC	0.094	LAA	11						
C	ATRAZINE DF	1.50	LAA	11						
D	»RNDUP POWERMAX	1.125	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
7A	BICEP II MAG	2.75	LAA	11	96	83	83	97	80	97
B	CALLISTO 4SC	0.094	LAA	11						
C	»RNDUP POWERMAX	1.125	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»ANTHEM MAXX 4.	0.134	LAA	9	98	92	93	99	91	99
B	CALLISTO 4SC	0.125	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
D	»STATUS 56DG	0.14	LAA	12						
E	»RNDUP POWERMAX	1.125	LAA	12						
F	»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				7.5	13.9	37.6	40.3	39.5	40.1
	STANDARD DEVIATION				3.5	6.5	17.2	18.5	18.1	18.4

DATA MEAN

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LOCATION: Urbana **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	YIELD BU/A 11/06/19
1A	CHECK	0.00	NA	0	151.1
2A	»ANTHEM MAXX 4.	0.134	LAA	9	184.7
B	CALLISTO 4SC	0.1875	LAA	9	
C	ATRAZINE DF	1.50	LAA	9	
3A	»CORVUS 2.6SC	0.114	LAA	9	186.3
B	ATRAZINE DF	1.50	LAA	9	
4A	»ACURON 3.44 ZC	2.58	LAA	9	185.4
5A	»RESICORE 3.29S	2.06	LAA	9	175.7
B	ATRAZINE DF	1.50	LAA	9	
6A	»ANTHEM MAXX 4.	0.134	LAA	11	183.0
B	CALLISTO 4SC	0.094	LAA	11	
C	ATRAZINE DF	1.50	LAA	11	
D	»RNDUP POWERMAX	1.125	LAA	11	
E	»LIQUID AMS	2.50	PMV	11	
7A	BICEP II MAG	2.75	LAA	11	184.2
B	CALLISTO 4SC	0.094	LAA	11	
C	»RNDUP POWERMAX	1.125	LAA	11	
D	»LIQUID AMS	2.50	PMV	11	
8A	»ANTHEM MAXX 4.	0.134	LAA	9	181.9
B	CALLISTO 4SC	0.125	LAA	9	
C	ATRAZINE DF	1.50	LAA	9	
D	»STATUS 56DG	0.14	LAA	12	
E	»RNDUP POWERMAX	1.125	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
		LSD (0.05)			34.95
		STANDARD DEVIATION			16.30

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/04/2019(1)
11 = --- / EPOST 06/14/2019(2)
12 = --- / POST 07/02/2019(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 %	06/17/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	06/24/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/01/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	07/09/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/16/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/23/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/17/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/17/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	06/24/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/24/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/01/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	07/01/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/09/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/09/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMATA	CON %	07/16/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/16/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	07/23/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/23/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	11/06/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = DKC55-20