

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.3
%OM: 3.4
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 35 FEET
PLOT AREA: 262.5 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/21/17	05/22/17	06/05/17	AME
TIME - BEGIN	08:25	09:30	08:50	24H
TIME - END	08:50	10:00	08:55	24H
AIR TEMPERATURE	50	62	79	F
% REL.HUMIDITY	63	54	60	
WIND DIRECTION	NORTH	SOUTHWEST	NORTHWEST	
WIND SPEED	5.0	4.0	5.0	M/H
CLOUD COVER	CLOUDY--6	CLEAR-0%	CLEAR-0%	
DEW	TO BE SEL	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	59/4.00	60/4.00	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	NA	NA	NA	
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	0.380	0.380	0.380	
MIX SIZE UNIT	GAL	GAL	GAL	
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	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 G10T63-3122 E-Z (PLANTED) 04/20/2017		---/13 3.00/4.00 32 DAP	---/15 10.0/10.0 46 DAP	IN
PEST *				
P, VELVETLEAF		---/11 0.50/1.00	---/12 0.50/2.00	IN
P, RAGWEED, COMMON		---/10 0.50/0.50	---/16 2.00/2.00	IN
P, MORNINGGLORY, TA		---/11 0.50/1.00	---/12 0.50/2.00	IN

*** CONTINUE

TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
APPLICATIONS

SPECIE AND STAGE	DEN / STG	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	MIN / MAX	
PEST * P, FOXTAIL, GIANT		---/11 0.50/1.00	---/12 2.00/2.00	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 12 = 2 LEAVES UNFOLDED
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
DATA MEAN**

TITLE: FMC Weed Control Systems in RR/LL Corn. C-500
CREATED: 04/17/2017 **REVISED:** 03/20/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBEL	ABUTH	PHBPU	ZEAMD
		RATE	UNIT	TM	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17	CON % 06/18/17
1A»	ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	99	99	0
	B CALLISTO 4SC	0.125	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
2A»	ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	99	97	0
	B»BAL FLEXX 2L	0.0469	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
3A»	ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	99	93	0
	B»HORNET 68.5WG	0.171	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
4A»	ACURON 3.44 ZC	2.15	LAA	9	0	99	99	99	83	0
5A»	CORVUS 2.6SC	0.116	LAA	9	0	99	99	99	94	0
	B ATRAZINE DF	1.50	LAA	9						
6A»	RESICORE 3.29S	2.262	LAA	9	0	99	99	99	77	0
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	94	87	0
	B ATRAZINE DF	1.00	LAA	9						
	C»SOLSTICE 4L	0.078	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»RNDUP POWERMAX	0.98	LAA	12						
	F»COC	0.50	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	ANTHEM MAXX 4.	0.134	LAA	9	0	99	99	99	94	0
	B ATRAZINE DF	1.00	LAA	9						
	C CALLISTO 4SC	0.125	LAA	9						
	D»SOLSTICE 4L	0.078	LAA	12						
	E ATRAZINE DF	0.50	LAA	12						
	F»RNDUP POWERMAX	0.98	LAA	12						
	G»COC	0.50	PMV	12						
	H»LIQUID AMS	2.50	PMV	12						
10A»	ANTHEM MAXX 4.	0.067	LAA	11	4	99	99	99	98	0
	B ATRAZINE DF	1.00	LAA	11						
	C»SOLSTICE 4L	0.078	LAA	11						
	D»RNDUP POWERMAX	0.98	LAA	11						
	E»COC	0.50	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A»	ANTHEM MAXX 4.	0.134	LAA	11	4	99	99	99	99	0
	B ATRAZINE DF	1.00	LAA	11						
	C»RNDUP POWERMAX	0.98	LAA	11						
	D»COC	0.50	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
12A»	ANTHEM MAXX 4.	0.134	LAA	11	0	99	99	99	99	0
	B ATRAZINE DF	1.00	LAA	11						
	C CALLISTO 4SC	0.094	LAA	11						
	D»RNDUP POWERMAX	0.98	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
13A»	HALEX GT 4.38L	1.971	LAA	11	0	99	99	99	98	0
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
14A»	ACURON FLEXI 3	1.63	LAA	11	0	99	99	99	98	0
	B»RNDUP POWERMAX	0.98	LAA	11						
	C»COC	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						

TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
DATA MEAN

TITLE: FMC Weed Control Systems in RR/LL Corn. C-500
LSD (0.05) 0.7 0.0 0.0 3.6 7.8 0.0
STANDARD DEVIATION 0.3 0.0 0.0 1.8 3.8 0.0

TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
DATA MEAN

TITLE: FMC Weed Control Systems in RR/LL Corn. C-500
CREATED: 04/17/2017 **REVISED:** 03/20/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBEL	ABUTH	PHBPU	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/05/17	CON % 06/18/17	CON % 06/18/17	CON % 06/18/17	CON % 07/06/17	CON % 07/06/17
1A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	99	94	0	99
	B CALLISTO 4SC	0.125	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
2A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	99	95	0	99
	B»BAL FLEXX 2L	0.0469	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
3A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	99	94	0	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
4A»	ACURON 3.44 ZC	2.15	LAA	9	99	99	99	88	0	99
5A»	CORVUS 2.6SC	0.116	LAA	9	94	99	99	93	0	75
	B ATRAZINE DF	1.50	LAA	9						
6A»	RESICORE 3.29S	2.262	LAA	9	99	99	99	87	0	99
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	99	96	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C»SOLSTICE 4L	0.078	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»RNDUP POWERMAX	0.98	LAA	12						
	F»COC	0.50	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
9A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	99	94	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C CALLISTO 4SC	0.125	LAA	9						
	D»SOLSTICE 4L	0.078	LAA	12						
	E ATRAZINE DF	0.50	LAA	12						
	F»RNDUP POWERMAX	0.98	LAA	12						
	G»COC	0.50	PMV	12						
	H»LIQUID AMS	2.50	PMV	12						
10A»	ANTHEM MAXX 4.	0.067	LAA	11	99	99	99	95	0	99
	B ATRAZINE DF	1.00	LAA	11						
	C»SOLSTICE 4L	0.078	LAA	11						
	D»RNDUP POWERMAX	0.98	LAA	11						
	E»COC	0.50	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A»	ANTHEM MAXX 4.	0.134	LAA	11	99	99	99	98	0	98
	B ATRAZINE DF	1.00	LAA	11						
	C»RNDUP POWERMAX	0.98	LAA	11						
	D»COC	0.50	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
12A»	ANTHEM MAXX 4.	0.134	LAA	11	99	99	99	98	0	99
	B ATRAZINE DF	1.00	LAA	11						
	C CALLISTO 4SC	0.094	LAA	11						
	D»RNDUP POWERMAX	0.98	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
13A»	HALEX GT 4.38L	1.971	LAA	11	99	99	99	94	0	98
	B ATRAZINE DF	1.00	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
14A»	ACURON FLEXI 3	1.63	LAA	11	99	99	99	93	0	99
	B»RNDUP POWERMAX	0.98	LAA	11						
	C»COC	0.50	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						

TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
DATA MEAN

TITLE: FMC Weed Control Systems in RR/LL Corn. C-500
LSD (0.05) 0.6 0.0 0.0 5.1
STANDARD DEVIATION 0.3 0.0 0.0 2.5

TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
DATA MEAN

TITLE: FMC Weed Control Systems in RR/LL Corn. C-500
CREATED: 04/17/2017 **REVISED:** 03/20/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17
1A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	88
	B CALLISTO 4SC	0.125	LAA	9			
	C ATRAZINE DF	1.50	LAA	9			
2A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	83
	B»BAL FLEXX 2L	0.0469	LAA	9			
	C ATRAZINE DF	1.50	LAA	9			
3A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	87
	B»HORNET 68.5WG	0.171	LAA	9			
	C ATRAZINE DF	1.50	LAA	9			
4A»	ACURON 3.44 ZC	2.15	LAA	9	99	99	83
5A»	CORVUS 2.6SC	0.116	LAA	9	99	99	84
	B ATRAZINE DF	1.50	LAA	9			
6A»	RESICORE 3.29S	2.262	LAA	9	99	99	65
7A	CHECK	0.00	NA	0	0	0	0
8A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	90
	B ATRAZINE DF	1.00	LAA	9			
	C»SOLSTICE 4L	0.078	LAA	12			
	D ATRAZINE DF	0.50	LAA	12			
	E»RNDUP POWERMAX	0.98	LAA	12			
	F»COC	0.50	PMV	12			
	G»LIQUID AMS	2.50	PMV	12			
9A»	ANTHEM MAXX 4.	0.134	LAA	9	99	99	89
	B ATRAZINE DF	1.00	LAA	9			
	C CALLISTO 4SC	0.125	LAA	9			
	D»SOLSTICE 4L	0.078	LAA	12			
	E ATRAZINE DF	0.50	LAA	12			
	F»RNDUP POWERMAX	0.98	LAA	12			
	G»COC	0.50	PMV	12			
	H»LIQUID AMS	2.50	PMV	12			
10A»	ANTHEM MAXX 4.	0.067	LAA	11	99	99	88
	B ATRAZINE DF	1.00	LAA	11			
	C»SOLSTICE 4L	0.078	LAA	11			
	D»RNDUP POWERMAX	0.98	LAA	11			
	E»COC	0.50	PMV	11			
	F»LIQUID AMS	2.50	PMV	11			
11A»	ANTHEM MAXX 4.	0.134	LAA	11	99	99	94
	B ATRAZINE DF	1.00	LAA	11			
	C»RNDUP POWERMAX	0.98	LAA	11			
	D»COC	0.50	PMV	11			
	E»LIQUID AMS	2.50	PMV	11			
12A»	ANTHEM MAXX 4.	0.134	LAA	11	99	99	96
	B ATRAZINE DF	1.00	LAA	11			
	C CALLISTO 4SC	0.094	LAA	11			
	D»RNDUP POWERMAX	0.98	LAA	11			
	E»LIQUID AMS	2.50	PMV	11			
13A»	HALEX GT 4.38L	1.971	LAA	11	99	99	89
	B ATRAZINE DF	1.00	LAA	11			
	C»ACTIVATOR 90	0.25	PMV	11			
	D»LIQUID AMS	2.50	PMV	11			
14A»	ACURON FLEXI 3	1.63	LAA	11	99	99	89
	B»RNDUP POWERMAX	0.98	LAA	11			
	C»COC	0.50	PMV	11			
	D»LIQUID AMS	2.50	PMV	11			

TRIAL # US 102/17/01 003 01 : UCFMCSYS C-500
DATA MEAN

TITLE: FMC Weed Control Systems in RR/LL Corn. C-500
LSD (0.05)
STANDARD DEVIATION

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 04/21/2017(1)
11 = --- / EPOST 05/22/2017(2)
12 = --- / POST 06/05/2017(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	CON %	06/05/2017	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/05/2017	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/05/2017	03	P	AMBEL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/05/2017	04	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/05/2017	05	P	PHBPU	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/18/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/05/2017	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	06/18/2017	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/18/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/18/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/06/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/06/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	CON %	07/06/2017	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/06/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/06/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = G10T63-3122 E-Z

* 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