

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	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/21/17	05/22/17	AME
TIME - BEGIN	09:35	09:15	24H
TIME - END	10:10	09:25	24H
AIR TEMPERATURE	54	62	F
% REL. HUMIDITY	60	54	
WIND DIRECTION	NORTH	SOUTHWEST	
WIND SPEED	6.0	4.0	M/H
CLOUD COVER	CLOUDY--6	HAZY SUN-	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	58/4.00	57/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.380	0.380	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	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	
CROP *			
P, CORN, DENT G10T63-3122 E-Z (PLANTED) 04/20/2017		---/13 3.00/4.00 32 DAP	IN
PEST *			
P, VELVETLEAF		---/12 0.50/0.50	IN
P, WATERHEMP, COMMO		---/10 0.25/0.50	IN
P, RAGWEED, COMMON		---/10 0.50/0.50	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST * P, MORNINGGLORY, TA		---/11 0.50/1.50	IN
P, FOXTAIL, GIANT		---/11 1.00/1.00	IN

*** TIMING CODES**

09 = --- / PREEMERGENCE
11 = --- / EPOST

*** STAGE CODE**

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

TRIAL # US 105/17/01 003 01 : UCBAYCOR* C-500
DATA MEAN

TITLE: Bayer Corvus Treatments vs. Competitors for Weed Control in RR/LL Corn. C-500
CREATED: 04/18/2017 **REVISED:** 02/13/2018 **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	AMATA	ABUTH	AMBEL	PHBPU
		RATE	UNIT	TM	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17	CON % 05/21/17
1A»	CORVUS 2.6SC	0.082	LAA	9	0	99	99	99	99	63
B	ATRAZINE DF	0.50	LAA	9						
2A»	CORVUS 2.6SC	0.113	LAA	9	0	99	99	99	99	78
B	ATRAZINE DF	0.50	LAA	9						
3A»	ACURON 3.44 ZC	1.29	LAA	9	0	99	99	99	99	63
4A»	ACURON 3.44 ZC	2.58	LAA	9	0	99	99	99	99	75
5A»	RESICORE 3.29S	1.23	LAA	9	0	99	99	99	99	73
B	ATRAZINE DF	0.50	LAA	9						
6A»	RESICORE 3.29S	2.47	LAA	9	0	99	99	99	99	80
B	ATRAZINE DF	0.50	LAA	9						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	CORVUS 2.6SC	0.082	LAA	11	C	C	C	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C	ROUNDUP W-MAX	0.422	LAA	11						
9A»	ACURON 3.44 ZC	1.29	LAA	11	C	C	C	C	C	C
B	ROUNDUP W-MAX	0.422	LAA	11						
10A»	RESICORE 3.29S	1.23	LAA	11	C	C	C	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C	ROUNDUP W-MAX	0.422	LAA	11						
		LSD (0.05)			0.0	0.0	0.0	0.0	0.0	9.4
		STANDARD DEVIATION			0.0	0.0	0.0	0.0	0.0	4.5

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		RATE	UNIT	TM	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17	CON % 06/05/17
1A»	CORVUS 2.6SC	0.082	LAA	9	0	87	99	99	99	50
B	ATRAZINE DF	0.50	LAA	9						
2A»	CORVUS 2.6SC	0.113	LAA	9	0	99	96	99	99	76
B	ATRAZINE DF	0.50	LAA	9						
3A»	ACURON 3.44 ZC	1.29	LAA	9	0	99	99	99	99	37
4A»	ACURON 3.44 ZC	2.58	LAA	9	0	99	99	99	99	85
5A»	RESICORE 3.29S	1.23	LAA	9	0	99	99	99	99	50
B	ATRAZINE DF	0.50	LAA	9						
6A»	RESICORE 3.29S	2.47	LAA	9	0	99	99	99	99	73
B	ATRAZINE DF	0.50	LAA	9						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	CORVUS 2.6SC	0.082	LAA	11	0	99	99	99	99	98
B	ATRAZINE DF	0.50	LAA	11						
C	ROUNDUP W-MAX	0.422	LAA	11						
9A»	ACURON 3.44 ZC	1.29	LAA	11	0	99	99	99	99	98
B	ROUNDUP W-MAX	0.422	LAA	11						
10A»	RESICORE 3.29S	1.23	LAA	11	0	99	99	99	99	98
B	ATRAZINE DF	0.50	LAA	11						
C	ROUNDUP W-MAX	0.422	LAA	11						
LSD (0.05)					0.0	5.6	2.8	0.0	0.0	12.1
STANDARD DEVIATION					0.0	2.7	1.3	0.0	0.0	5.7

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		RATE	UNIT	TM	CON % 06/18/17	CON % 06/18/17	CON % 06/18/17	CON % 06/18/17	CON % 06/18/17	CON % 06/18/17
1A»	CORVUS 2.6SC	0.082	LAA	9	0	93	96	99	99	82
B	ATRAZINE DF	0.50	LAA	9						
2A»	CORVUS 2.6SC	0.113	LAA	9	0	97	98	99	99	90
B	ATRAZINE DF	0.50	LAA	9						
3A»	ACURON 3.44 ZC	1.29	LAA	9	0	99	99	99	99	73
4A»	ACURON 3.44 ZC	2.58	LAA	9	0	99	99	99	99	88
5A»	RESICORE 3.29S	1.23	LAA	9	0	99	99	99	99	68
B	ATRAZINE DF	0.50	LAA	9						
6A»	RESICORE 3.29S	2.47	LAA	9	0	99	99	99	99	84
B	ATRAZINE DF	0.50	LAA	9						
7A	CHECK	0.00	NA	0	0	0	0	0	0	0
8A»	CORVUS 2.6SC	0.082	LAA	11	0	98	99	99	99	96
B	ATRAZINE DF	0.50	LAA	11						
C	ROUNDUP W-MAX	0.422	LAA	11						
9A»	ACURON 3.44 ZC	1.29	LAA	11	0	99	99	99	99	93
B	ROUNDUP W-MAX	0.422	LAA	11						
10A»	RESICORE 3.29S	1.23	LAA	11	0	99	99	99	99	93
B	ATRAZINE DF	0.50	LAA	11						
C	ROUNDUP W-MAX	0.422	LAA	11						
LSD (0.05)					0.0	2.0	3.0	0.0	0.0	10.4
STANDARD DEVIATION					0.0	1.0	1.4	0.0	0.0	5.0

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
024	PHBPU	CON %	07/06/2017	06	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