APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 5.8
%OM: 3.2
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	UNIT
TIMINGS	11	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/29/18	05/24/18	AME
TIME - BEGIN	14:00	15:05	24H
TIME - END	14:07	15:22	24H
AIR TEMPERATURE	62	89	F
% REL.HUMIDITY	14	23	
WIND DIRECTION	NORTHEAST	EAST	
WIND SPEED	6.0	7.0	M/H
CLOUD COVER	CLEAR-0%	CLEAR-0%	
DEW	NO	NO	
SOIL MOISTURE	DRY/ DRY	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	57/4.00	88/4.00	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	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	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, Dent corn		---/14	
G10T63-3122 E-Z		11.0/14.0	IN
(PLANTED) 04/28/2018		26 DAP	
PEST *			
P, Velvetleaf		---/14	
		2.00/2.00	IN
P, Waterhemp, commo		---/15	
		1.00/1.00	IN
P, Tall morning glo		---/12	
		0.50/2.00	IN

*** CONTINUE

APPLICATIONS

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *			
P, Giant foxtail		---/13 1.00/3.00	IN
P, Common cocklebur		---/13 2.00/3.00	IN

*** TIMING CODES**

11 = --- / EPOST

*** STAGE CODE**

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Bayer Diflexx Duo Post vs. competitors. C-400
CREATED: 04/19/2018 **REVISED:** 08/25/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/31/18	SETFA CON % 05/31/18	AMATA CON % 05/31/18	ABUTH CON % 05/31/18	XANST CON % 05/31/18	PHBPU CON % 05/31/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»DIFLEXX DUO 1.	0.383	LAA	11	0	95	99	99	99	98
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
3A	»DIFLEXX DUO 1.	0.287	LAA	11	0	96	99	99	99	99
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
4A	»DIFLEXX DUO 1.	0.287	LAA	11	0	97	99	99	99	99
B	»LIBERTY 2.34L	0.585	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	9	94	99	99	99	98
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
6A	»HALEX GT 4.38L	1.97	LAA	11	0	94	99	99	99	99
B	ATRAZINE DF	0.50	LAA	11						
C	»ACTIVATOR 90	0.25	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ARMEZON PRO 5.	0.669	LAA	11	0	99	99	99	99	99
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»ARMEZON 2.8SC	0.0125	LAA	11	0	99	99	99	99	99
B	»STATUS 56DG	0.105	LAA	11						
C	»WEATHERMAX 4.5	1.125	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				0.7	4.8	0.0	0.0	0.0	0.7
	STANDARD DEVIATION				0.3	2.2	0.0	0.0	0.0	0.3

DATA MEAN

TITLE: Bayer Diflexx Duo Post vs. competitors. C-400
CREATED: 04/19/2018 **REVISED:** 08/25/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/07/18	SETFA CON % 06/07/18	AMATA CON % 06/07/18	ABUTH CON % 06/07/18	XANST CON % 06/07/18	PHBPU CON % 06/07/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»DIFLEXX DUO 1.	0.383	LAA	11	0	96	99	99	99	97
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
3A	»DIFLEXX DUO 1.	0.287	LAA	11	0	92	99	99	98	93
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
4A	»DIFLEXX DUO 1.	0.287	LAA	11	0	91	99	99	99	94
B	»LIBERTY 2.34L	0.585	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	0	96	99	99	99	98
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
6A	»HALEX GT 4.38L	1.97	LAA	11	0	95	99	99	99	97
B	ATRAZINE DF	0.50	LAA	11						
C	»ACTIVATOR 90	0.25	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ARMEZON PRO 5.	0.669	LAA	11	0	98	99	99	99	94
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»ARMEZON 2.8SC	0.0125	LAA	11	0	99	99	99	99	97
B	»STATUS 56DG	0.105	LAA	11						
C	»WEATHERMAX 4.5	1.125	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				0.0	6.9	0.0	0.0	0.7	4.7
	STANDARD DEVIATION				0.0	3.2	0.0	0.0	0.3	2.2

DATA MEAN

TITLE: Bayer Diflexx Duo Post vs. competitors. C-400
CREATED: 04/19/2018 **REVISED:** 08/25/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/20/18	SETFA CON % 06/20/18	AMATA CON % 06/20/18	ABUTH CON % 06/20/18	XANST CON % 06/20/18	PHBPU CON % 06/20/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»DIFLEXX DUO 1.	0.383	LAA	11	0	91	99	99	99	89
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
3A	»DIFLEXX DUO 1.	0.287	LAA	11	0	90	99	99	98	81
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
4A	»DIFLEXX DUO 1.	0.287	LAA	11	0	88	99	99	96	86
B	»LIBERTY 2.34L	0.585	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	0	94	99	99	98	92
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
6A	»HALEX GT 4.38L	1.97	LAA	11	0	98	99	99	99	93
B	ATRAZINE DF	0.50	LAA	11						
C	»ACTIVATOR 90	0.25	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
7A	»ARMEZON PRO 5.	0.669	LAA	11	0	99	99	99	99	93
B	»WEATHERMAX 4.5	1.125	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»ARMEZON 2.8SC	0.0125	LAA	11	0	97	99	99	98	92
B	»STATUS 56DG	0.105	LAA	11						
C	»WEATHERMAX 4.5	1.125	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				0.0	5.3	0.0	0.0	2.2	8.9
	STANDARD DEVIATION				0.0	2.5	0.0	0.0	1.0	4.1

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
11 = --- / EPOST 04/29/1818(1), 05/24/2018(2)

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 %	05/31/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/31/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/31/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/31/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	05/31/2018	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/31/2018	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/07/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/07/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/07/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/07/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	06/07/2018	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/07/2018	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/20/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/20/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	06/20/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Bayer Diflexx Duo Post vs. competitors. C-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
016	ABUTH	CON %	06/20/2018	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	XANST	CON %	06/20/2018	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/20/2018	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