

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.0
%OM: 3.5
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	05/30/17	AME
TIME - BEGIN	08:25	24H
TIME - END	08:45	24H
AIR TEMPERATURE	67	F
% REL.HUMIDITY	50	
WIND DIRECTION	WEST	
WIND SPEED	7.5	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	65/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	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	
CROP *		
P, CORN, DENT	---/14	IN
G10T63-3122 E-Z	/	
(PLANTED) 04/24/2017	36 DAP	
PEST *		
P, VELVETLEAF	---/13 2.00/3.00	IN
P, WATERHEMP, COMMO	---/17 3.00/3.00	IN
P, MORNINGGLORY, TA	---/14 2.00/3.00	IN

*** CONTINUE

TRIAL # US 134/17/01 003 01 : UCBAYPOST AS-400
APPLICATIONS

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST * P, FOXTAIL, GIANT	---/15 4.00/6.00	IN

* TIMING CODES

11 = --- / EPOST

* STAGE CODE

13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TRIAL # US 134/17/01 003 01 : UCBAYPOST AS-400
DATA MEAN**

TITLE: Diflexx Duo Comparisons POST in RR/LL Corn. AS-400
CREATED: 05/30/2017 **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 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA	ABUTH	PHBPU	ZEAMD
		RATE	UNIT	TM	CON % 06/13/17	CON % 06/13/17	CON % 06/13/17	CON % 06/13/17	CON % 06/13/17	CON % 06/27/17
1A»	DIFLEXX DUO 1.	0.383	LAA	11	0	97	99	99	98	0
	B ROUNDUP W-MAX	1.125	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
2A»	DIFLEXX DUO 1.	0.383	LAA	11	0	67	99	99	99	0
	B ATRAZINE DF	0.50	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
3A»	DIFLEXX DUO 1.	0.287	LAA	11	0	99	99	99	98	0
	B ROUNDUP W-MAX	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	95	99	99	99	0
	B»LIBERTY 2.34L	0.402	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	97	99	99	98	0
	B ROUNDUP W-MAX	1.125	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	HALEX GT 4.38L	1.97	LAA	11	0	97	99	99	95	0
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
8A»	ARMEZON 2.8SC	0.0125	LAA	11	0	98	99	98	97	0
	B OUTLOOK 6EC	0.657	LAA	11						
	C ROUNDUP W-MAX	1.125	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
9A»	ARMEZON 2.8SC	0.0125	LAA	11	0	99	99	99	98	0
	B»STATUS 56DG	0.105	LAA	11						
	C ROUNDUP W-MAX	1.125	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
10A»	REALM Q	4.00	OMA	0	0	91	95	99	92	0
	B RESOLVE 25DF	0.0188	LAA	11						
	C»MESOTRIONE 50W	0.078	LAA	11						
	D»ISOXADIFEN-ETH	0.0094	LAA	11						
	E»RNDUP POWERMAX	0.77	LAA	11						
	F»COC	1.00	PMV	11						
	G»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.0	4.2	2.4	0.6	1.6	0.0
		STANDARD DEVIATION			0.0	2.0	1.2	0.3	0.8	0.0

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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			SETFA	AMATA	ABUTH	PHBPU	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/27/17	CON % 06/27/17	CON % 06/27/17	CON % 06/27/17	CON % 07/12/17	CON % 07/12/17
1A»	DIFLEXX DUO 1.	0.383	LAA	11	97	99	99	97	0	94
	B ROUNDUP W-MAX	1.125	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
2A»	DIFLEXX DUO 1.	0.383	LAA	11	62	99	99	98	0	53
	B ATRAZINE DF	0.50	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
3A»	DIFLEXX DUO 1.	0.287	LAA	11	96	99	99	96	0	94
	B ROUNDUP W-MAX	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	92	99	99	93	0	89
	B»LIBERTY 2.34L	0.402	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	94	99	99	92	0	91
	B ROUNDUP W-MAX	1.125	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	HALEX GT 4.38L	1.97	LAA	11	98	99	99	97	0	97
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
8A»	ARMEZON 2.8SC	0.0125	LAA	11	98	99	99	97	0	96
	B OUTLOOK 6EC	0.657	LAA	11						
	C ROUNDUP W-MAX	1.125	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
9A»	ARMEZON 2.8SC	0.0125	LAA	11	95	99	99	93	0	91
	B»STATUS 56DG	0.105	LAA	11						
	C ROUNDUP W-MAX	1.125	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»LIQUID AMS	2.50	PMV	11						
10A»	REALM Q	4.00	OMA	0	90	99	99	90	0	85
	B RESOLVE 25DF	0.0188	LAA	11						
	C»MESOTRIONE 50W	0.078	LAA	11						
	D»ISOXADIFEN-ETH	0.0094	LAA	11						
	E»RNDUP POWERMAX	0.77	LAA	11						
	F»COC	1.00	PMV	11						
	G»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			3.4	0.3	0.0	3.6	0.0	5.3
		STANDARD DEVIATION			1.6	0.1	0.0	1.7	0.0	2.5

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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		TM	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/12/17	CON % 07/12/17	CON % 07/12/17
1A	DIFLEXX DUO 1.	0.383	LAA	11	99	99	93
	B ROUNDUP W-MAX	1.125	LAA	11			
	C ATRAZINE DF	0.50	LAA	11			
	D>LIQUID AMS	2.50	PMV	11			
2A	DIFLEXX DUO 1.	0.383	LAA	11	99	99	91
	B ATRAZINE DF	0.50	LAA	11			
	C>COC	1.00	PMV	11			
	D>LIQUID AMS	2.50	PMV	11			
3A	DIFLEXX DUO 1.	0.287	LAA	11	99	99	93
	B ROUNDUP W-MAX	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	99	99	88
	B>LIBERTY 2.34L	0.402	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	99	99	85
	B ROUNDUP W-MAX	1.125	LAA	11			
	C ATRAZINE DF	0.50	LAA	11			
	D>LIQUID AMS	2.50	PMV	11			
6A	CHECK	0.00	NA	0	0	0	0
7A	HALEX GT 4.38L	1.97	LAA	11	98	99	95
	B ATRAZINE DF	0.50	LAA	11			
	C>ACTIVATOR 90	0.25	PMV	11			
	D>LIQUID AMS	2.50	PMV	11			
8A	ARMEZON 2.8SC	0.0125	LAA	11	99	99	95
	B OUTLOOK 6EC	0.657	LAA	11			
	C ROUNDUP W-MAX	1.125	LAA	11			
	D ATRAZINE DF	0.50	LAA	11			
	E>LIQUID AMS	2.50	PMV	11			
9A	ARMEZON 2.8SC	0.0125	LAA	11	99	99	88
	B>STATUS 56DG	0.105	LAA	11			
	C ROUNDUP W-MAX	1.125	LAA	11			
	D ATRAZINE DF	0.50	LAA	11			
	E>LIQUID AMS	2.50	PMV	11			
10A	REALM Q	4.00	OMA	0	99	99	83
	B RESOLVE 25DF	0.0188	LAA	11			
	C>MESOTRIONE 50W	0.078	LAA	11			
	D>ISOXADIFEN-ETH	0.0094	LAA	11			
	E>RNDUP POWERMAX	0.77	LAA	11			
	F>COC	1.00	PMV	11			
	G>LIQUID AMS	2.50	PMV	11			
		LSD (0.05)			0.6	0.0	7.8
		STANDARD DEVIATION			0.3	0.0	3.7

» = SUPPLEMENTAL CHEMICAL

*** TIMING CODES**

00 = --- / UNTREATED TIMING
 11 = --- / EPOST 05/30/2017(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/13/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TRIAL # US 134/17/01 003 01 : UCBAPOST AS-400
DATA MEAN

TITLE: Diflexx Duo Comparisons POST in RR/LL Corn. AS-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
002	SETFA	CON %	06/13/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/13/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/13/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/13/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/27/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/27/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/27/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/27/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/27/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/12/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/12/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/12/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/12/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/12/2017	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