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	09	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/29/18	05/29/18	AME
TIME - BEGIN	11:00	11:40	24H
TIME - END	11:25	12:09	24H
AIR TEMPERATURE	55	90	F
% REL.HUMIDITY	24	49	
WIND DIRECTION	NORTH	NORTH	
WIND SPEED	6.0	5.0	M/H
CLOUD COVER	CLEAR-0%	CLOUDY-~6	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	DRY/ DRY	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	53/4.00	82/4.00	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		---/15	
G10T63-3122 E-Z		18.0/20.0	IN
(PLANTED) 04/28/2018		31 DAP	
PEST *			
P, Waterhemp, commo		---/15	
		1.50/3.00	IN
P, Tall morning glo		---/14	
		0.50/2.50	IN
P, Giant foxtail		---/13	
		0.50/2.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST *			
P, Common cocklebur		---/14	
		1.00/3.00	IN

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

*** STAGE CODE**
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Two Pass Weed Control Systems with Harness MAX. C-400.
CREATED: 04/12/2018 **REVISED:** 08/02/2018 **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 % 05/18/18	SETFA CON % 05/18/18	AMATA CON % 05/18/18	XANST CON % 05/18/18	PHBPU CON % 05/18/18	ZEAMD CON % 05/25/18
1A	»TRIPLEFLEXX II	1.04	LAA	9	0	99	98	94	57	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
2A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	91	77	0
B	»TRIPLEFLEXX II	1.04	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
3A	HARNESS XTRA	2.45	LAA	9	0	98	99	98	63	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
4A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	83	67	0
B	HARNESS XTRA	2.45	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
5A	HARNESS (7EC)	1.75	LAA	9	0	99	99	82	58	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
6A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	93	77	0
B	HARNESS (7EC)	1.09	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
7A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	95	73	0
B	»DIFLEXX 4L	0.50	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
8A	»HARNESS MAX 3.	2.26	LAA	9	0	99	99	94	85	0
B	ATRAZINE DF	1.00	LAA	9						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
9A	»HARNESS MAX 3.	1.65	LAA	9	0	99	99	95	88	0
B	ATRAZINE DF	1.00	LAA	9						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
10A	»HARNESS MAX 3.	1.65	LAA	9	0	99	99	93	80	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»TRIPLEFLEXX II	1.04	LAA	9	0	99	99	99	58	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	HARNESS XTRA	1.40	LAA	12						
D	»RNDUP POWERMAX	1.13	LAA	12						
E	»LIQUID AMS	2.50	PMV	12						
12A	»ACURON 3.44 ZC	1.08	LAA	9	0	99	99	91	70	0
B	»HALEX GT 4.38L	1.97	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
13A	»RESICORE 3.29S	1.48	LAA	9	0	99	99	94	80	0
B	»STATUS 56DG	0.21	LAA	12						
C	»DURANGO 4AE	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

DATA MEAN

TITLE: Two Pass Weed Control Systems with Harness MAX. C-400.

LSD (0.05)	0.0	1.0	1.0	10.1	15.0	0.0
STANDARD DEVIATION	0.0	0.5	0.5	4.9	7.3	0.0

DATA MEAN

TITLE: Two Pass Weed Control Systems with Harness MAX. C-400.
CREATED: 04/12/2018 **REVISED:** 08/02/2018 **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	SETFA CON % 05/25/18	AMATA CON % 05/25/18	XANST CON % 05/25/18	PHBPU CON % 05/25/18	ZEAMD CON % 05/31/18	ZEAMD CON % 06/04/18
1A	»TRIPLEFLEXX II	1.04	LAA	9	98	93	85	58	0	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
2A	»HARNESS MAX 3.	1.93	LAA	9	99	98	89	73	0	0
B	»TRIPLEFLEXX II	1.04	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
3A	HARNESS XTRA	2.45	LAA	9	96	98	96	72	0	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
4A	»HARNESS MAX 3.	1.93	LAA	9	98	99	82	70	0	0
B	HARNESS XTRA	2.45	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
5A	HARNESS (7EC)	1.75	LAA	9	99	99	81	55	0	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
6A	»HARNESS MAX 3.	1.93	LAA	9	99	99	87	78	0	0
B	HARNESS (7EC)	1.09	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
7A	»HARNESS MAX 3.	1.93	LAA	9	99	99	95	72	2	0
B	»DIFLEXX 4L	0.50	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
8A	»HARNESS MAX 3.	2.26	LAA	9	96	99	95	83	0	0
B	ATRAZINE DF	1.00	LAA	9						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
9A	»HARNESS MAX 3.	1.65	LAA	9	99	99	95	83	0	0
B	ATRAZINE DF	1.00	LAA	9						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
10A	»HARNESS MAX 3.	1.65	LAA	9	93	99	83	65	0	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	»RNDUP POWERMAX	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
11A	»TRIPLEFLEXX II	1.04	LAA	9	92	99	99	67	0	0
B	»HARNESS MAX 3.	1.20	LAA	12						
C	HARNESS XTRA	1.40	LAA	12						
D	»RNDUP POWERMAX	1.13	LAA	12						
E	»LIQUID AMS	2.50	PMV	12						
12A	»ACURON 3.44 ZC	1.08	LAA	9	95	99	85	72	0	0
B	»HALEX GT 4.38L	1.97	LAA	12						
C	»LIQUID AMS	2.50	PMV	12						
13A	»RESICORE 3.29S	1.48	LAA	9	96	99	88	68	0	0
B	»STATUS 56DG	0.21	LAA	12						
C	»DURANGO 4AE	1.13	LAA	12						
D	»LIQUID AMS	2.50	PMV	12						
14A	CHECK	0.00	NA	0	0	0	0	0	0	0

DATA MEAN

TITLE: Two Pass Weed Control Systems with Harness MAX. C-400.

LSD (0.05)	5.4	5.0	16.2	11.8	0.3	0.0
STANDARD DEVIATION	2.6	2.4	7.9	5.7	0.1	0.0

DATA MEAN

TITLE: Two Pass Weed Control Systems with Harness MAX. C-400.
CREATED: 04/12/2018 **REVISED:** 08/02/2018 **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 % 06/15/18	SETFA CON % 06/15/18	AMATA CON % 06/15/18	XANST CON % 06/15/18	PHBPU CON % 06/15/18
1A	»TRIPLEFLEXX II	1.04	LAA	9	0	99	99	99	82
B	»HARNESS MAX 3.	1.20	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
2A	»HARNESS MAX 3.	1.93	LAA	9	0	99	98	99	88
B	»TRIPLEFLEXX II	1.04	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
3A	HARNESS XTRA	2.45	LAA	9	0	99	99	99	87
B	»HARNESS MAX 3.	1.20	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
4A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	99	93
B	HARNESS XTRA	2.45	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
5A	HARNESS (7EC)	1.75	LAA	9	0	99	99	99	67
B	»HARNESS MAX 3.	1.20	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
6A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	99	93
B	HARNESS (7EC)	1.09	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
7A	»HARNESS MAX 3.	1.93	LAA	9	0	99	99	99	96
B	»DIFLEXX 4L	0.50	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
8A	»HARNESS MAX 3.	2.26	LAA	9	0	99	99	99	93
B	ATRAZINE DF	1.00	LAA	9					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
9A	»HARNESS MAX 3.	1.65	LAA	9	0	99	99	99	94
B	ATRAZINE DF	1.00	LAA	9					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
10A	»HARNESS MAX 3.	1.65	LAA	9	0	98	99	99	83
B	»HARNESS MAX 3.	1.20	LAA	12					
C	»RNDUP POWERMAX	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
11A	»TRIPLEFLEXX II	1.04	LAA	9	0	98	99	99	92
B	»HARNESS MAX 3.	1.20	LAA	12					
C	HARNESS XTRA	1.40	LAA	12					
D	»RNDUP POWERMAX	1.13	LAA	12					
E	»LIQUID AMS	2.50	PMV	12					
12A	»ACURON 3.44 ZC	1.08	LAA	9	0	96	99	99	84
B	»HALEX GT 4.38L	1.97	LAA	12					
C	»LIQUID AMS	2.50	PMV	12					
13A	»RESICORE 3.29S	1.48	LAA	9	0	96	99	99	94
B	»STATUS 56DG	0.21	LAA	12					
C	»DURANGO 4AE	1.13	LAA	12					
D	»LIQUID AMS	2.50	PMV	12					
14A	CHECK	0.00	NA	0	0	0	0	0	0

TITLE: Two Pass Weed Control Systems with Harness MAX. C-400.

LSD (0.05)	0.0	3.4	0.5	0.0	9.6
STANDARD DEVIATION	0.0	1.6	0.3	0.0	4.7

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 04/29/2018(1)
12 = --- / POST 05/29/2018(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 %	05/18/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/18/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/18/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	05/18/2018	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	05/18/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	05/25/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	05/25/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	05/25/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	05/25/2018	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	05/25/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	05/31/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	CON %	06/04/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/15/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/15/2018	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	06/15/2018	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	XANST	CON %	06/15/2018	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	06/15/2018	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