APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 5.8
%OM: 3.6
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	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	06/04/18	AME
TIME - BEGIN	10:30	24H
TIME - END	11:03	24H
AIR TEMPERATURE	74	F
% REL.HUMIDITY	43	
WIND DIRECTION	NORTHWEST	
WIND SPEED	3.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	75/4.00	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	N/A	
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, Dent corn	---/13	
G12W66-3122 E-Z	10.0/12.0	IN
(PLANTED) 05/08/2018	27 DAP	
PEST *		
P, Waterhemp, commo	---/16	
	0.75/3.00	IN

*** TIMING CODES**
11 = --- / EPOST

*** STAGE CODE**
13 = 3 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Harness MAX One Pass EPOST Programs for Weed Control in Corn. Lost40-F
CREATED: 04/13/2018 **REVISED:** 08/27/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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	DOSAGE UNIT	DOSAGE TM	ZEAMD CHLOR 06/07/18	ZEAMD NECROSIS 06/07/18	ZEAMD CHLOR 06/11/18	ZEAMD NECROSIS 06/11/18	ZEAMD CHLOR 06/19/18	ZEAMD NECROSIS 06/19/18
1A	»RNDUP POWERMAX	0.95	LAA	11	2	0	0	0	0	0
B	»DIFLEXX 4L	0.50	LAA	11						
C	»LIQUID AMS	2.50	PMV	11						
2A	»HARNESS MAX 3.	1.20	LAA	11	7	0	0	2	0	1
B	»RNDUP POWERMAX	0.95	LAA	11						
C	»LIQUID AMS	2.50	PMV	11						
3A	»HALEX GT 4.38L	1.97	LAA	11	0	0	0	0	0	0
B	»ACTIVATOR 90	0.25	PMV	11						
C	»LIQUID AMS	2.50	PMV	11						
4A	»RESICORE 3.29S	1.03	LAA	11	0	0	0	0	0	0
B	»RNDUP POWERMAX	0.95	LAA	11						
C	»LIQUID AMS	2.50	PMV	11						
5A	HARNESS XTRA	3.00	LAA	11	3	13	0	12	0	7
B	»RNDUP POWERMAX	0.95	LAA	11						
C	»DIFLEXX 4L	0.50	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
6A	»HARNESS MAX 3.	1.93	LAA	11	5	0	0	0	0	0
B	»RNDUP POWERMAX	1.05	LAA	11						
C	»LIQUID AMS	2.50	PMV	11						
7A	»HARNESS MAX 3.	1.93	LAA	11	5	7	3	8	0	4
B	»RNDUP POWERMAX	1.05	LAA	11						
C	»ACTIVATOR 90	0.25	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
8A	»HALEX GT 4.38L	2.19	LAA	11	0	0	0	0	0	0
B	»ACTIVATOR 90	0.25	PMV	11						
C	»LIQUID AMS	2.50	PMV	11						
9A	»RESICORE 3.29S	1.85	LAA	11	7	0	0	5	0	3
B	»RNDUP POWERMAX	1.05	LAA	11						
C	»LIQUID AMS	2.50	PMV	11						
10A	»HARNESS MAX 3.	1.93	LAA	11	10	0	2	8	0	5
B	»RNDUP POWERMAX	1.05	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
11A	»HARNESS MAX 3.	1.93	LAA	11	15	3	0	8	0	4
B	»RNDUP POWERMAX	1.05	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D	»ACTIVATOR 90	0.25	PMV	11						
E	»LIQUID AMS	2.50	PMV	11						
12A	»HALEX GT 4.38L	2.19	LAA	11	3	0	0	0	0	0
B	ATRAZINE DF	1.00	LAA	11						
C	»ACTIVATOR 90	0.25	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
13A	»RESICORE 3.29S	1.85	LAA	11	12	5	0	10	0	5
B	»RNDUP POWERMAX	1.05	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D	»LIQUID AMS	2.50	PMV	11						
14A	»CAPRENO 3.45 S	0.081	LAA	11	13	0	0	0	0	0
B	»RNDUP POWERMAX	1.05	LAA	11						
C	»DESTINY HC	0.50	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				4.9	3.2	2.8	3.6	0.0	2.5
	STANDARD DEVIATION				2.4	1.6	1.4	1.7	0.0	1.2

TITLE: Harness MAX One Pass EPOST Programs for Weed Control in Corn. Lost40-F
CREATED: 04/13/2018 **REVISED:** 08/27/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
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	AMATA CON % 06/19/18	AMATA CON % 06/25/18	AMATA CON % 08/01/18
1	A»RNDUP POWERMAX	0.95	LAA	11	88	83	72
	B»DIFLEXX 4L	0.50	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
2	A»HARNESS MAX 3.	1.20	LAA	11	86	78	62
	B»RNDUP POWERMAX	0.95	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
3	A»HALEX GT 4.38L	1.97	LAA	11	85	83	70
	B»ACTIVATOR 90	0.25	PMV	11			
	C»LIQUID AMS	2.50	PMV	11			
4	A»RESICORE 3.29S	1.03	LAA	11	89	86	73
	B»RNDUP POWERMAX	0.95	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
5	A HARNESS XTRA	3.00	LAA	11	98	96	90
	B»RNDUP POWERMAX	0.95	LAA	11			
	C»DIFLEXX 4L	0.50	LAA	11			
	D»LIQUID AMS	2.50	PMV	11			
6	A»HARNESS MAX 3.	1.93	LAA	11	91	90	82
	B»RNDUP POWERMAX	1.05	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
7	A»HARNESS MAX 3.	1.93	LAA	11	87	84	73
	B»RNDUP POWERMAX	1.05	LAA	11			
	C»ACTIVATOR 90	0.25	PMV	11			
	D»LIQUID AMS	2.50	PMV	11			
8	A»HALEX GT 4.38L	2.19	LAA	11	98	95	87
	B»ACTIVATOR 90	0.25	PMV	11			
	C»LIQUID AMS	2.50	PMV	11			
9	A»RESICORE 3.29S	1.85	LAA	11	89	86	77
	B»RNDUP POWERMAX	1.05	LAA	11			
	C»LIQUID AMS	2.50	PMV	11			
10	A»HARNESS MAX 3.	1.93	LAA	11	99	97	87
	B»RNDUP POWERMAX	1.05	LAA	11			
	C ATRAZINE DF	1.00	LAA	11			
	D»LIQUID AMS	2.50	PMV	11			
11	A»HARNESS MAX 3.	1.93	LAA	11	99	98	88
	B»RNDUP POWERMAX	1.05	LAA	11			
	C ATRAZINE DF	1.00	LAA	11			
	D»ACTIVATOR 90	0.25	PMV	11			
	E»LIQUID AMS	2.50	PMV	11			
12	A»HALEX GT 4.38L	2.19	LAA	11	96	92	78
	B ATRAZINE DF	1.00	LAA	11			
	C»ACTIVATOR 90	0.25	PMV	11			
	D»LIQUID AMS	2.50	PMV	11			
13	A»RESICORE 3.29S	1.85	LAA	11	99	98	90
	B»RNDUP POWERMAX	1.05	LAA	11			
	C ATRAZINE DF	1.00	LAA	11			
	D»LIQUID AMS	2.50	PMV	11			
14	A»CAPRENO 3.45 S	0.081	LAA	11	84	78	65
	B»RNDUP POWERMAX	1.05	LAA	11			
	C»DESTINY HC	0.50	PMV	11			
	D»LIQUID AMS	2.50	PMV	11			
	LSD (0.05)				9.1	12.0	17.3
	STANDARD DEVIATION				4.4	5.9	8.4

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
11 = --- / EPOST 06/04/2018(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CHLOR	06/07/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	NECROSIS	06/07/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CHLOR	06/11/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	NECROSIS	06/11/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CHLOR	06/19/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	NECROSIS	06/19/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	CON %	06/19/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/25/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	08/01/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = G12W66-3122 E-Z