APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 5.8
%OM: 3.4
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	13:30	13:00	24H
TIME - END	13:35	13:15	24H
AIR TEMPERATURE	62	84	F
% REL.HUMIDITY	15	58	
WIND DIRECTION	EAST	SOUTHWEST	
WIND SPEED	5.4	7.0	M/H
CLOUD COVER	CLEAR-0%	CLOUDY-~6	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/ DRY	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	56/4.00	78/4.00	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		---/16	
DKC62-08RIB		20.0/24.0	IN
(PLANTED) 04/28/2018		31 DAP	
PEST *			
P, Waterhemp, commo		---/19 6.00/10.0	IN
P, Tall morning glo		---/19 4.00/6.00	IN
P, Giant foxtail		---/16 6.00/12.0	IN

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

*** STAGE CODE**
16 = 6 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Shieldex for Weed Control in Corn. AS-400
CREATED: 04/13/2018 **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 % 06/07/18	AMATA CON % 06/07/18	PHBPU CON % 06/07/18	SETFA CON % 06/07/18	ZEAMD CON % 06/14/18	AMATA CON % 06/14/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»DUAL II MAGNUM	1.60	LAA	9	0	95	20	95	0	98
B	»SHIELDEX 3.33S	0.026	LAA	12						
C	»MSO	0.50	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
3A	»DUAL II MAGNUM	1.60	LAA	9	0	96	25	95	0	99
B	»SHIELDEX 3.33S	0.0312	LAA	12						
C	»MSO	0.50	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
4A	»DUAL II MAGNUM	1.60	LAA	9	0	93	35	95	0	98
B	»SHIELDEX 3.33S	0.0351	LAA	12						
C	»MSO	0.50	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
5A	»DUAL II MAGNUM	1.60	LAA	9	0	95	57	98	0	99
B	»SHIELDEX 3.33S	0.026	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	»MSO	0.50	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
6A	»DUAL II MAGNUM	1.60	LAA	9	0	98	53	96	0	96
B	»SHIELDEX 3.33S	0.0312	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	»MSO	0.50	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
7A	»DUAL II MAGNUM	1.60	LAA	9	0	98	57	96	0	96
B	»SHIELDEX 3.33S	0.0351	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D	»MSO	0.50	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
8A	»DUAL II MAGNUM	1.60	LAA	9	0	73	30	96	0	78
	LSD (0.05)				0.0	8.0	12.5	2.7	0.0	4.6
	STANDARD DEVIATION				0.0	3.7	5.8	1.3	0.0	2.1

DATA MEAN

TITLE: Shieldex for Weed Control in Corn. AS-400
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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	PHBPU CON % 06/14/18	SETFA CON % 06/14/18
1A	CHECK	0.00	NA	0	0	0
2A	»DUAL II MAGNUM	1.60	LAA	9	25	96
B	»SHIELDEX 3.33S	0.026	LAA	12		
C	»MSO	0.50	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
3A	»DUAL II MAGNUM	1.60	LAA	9	25	98
B	»SHIELDEX 3.33S	0.0312	LAA	12		
C	»MSO	0.50	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
4A	»DUAL II MAGNUM	1.60	LAA	9	25	96
B	»SHIELDEX 3.33S	0.0351	LAA	12		
C	»MSO	0.50	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
5A	»DUAL II MAGNUM	1.60	LAA	9	55	98
B	»SHIELDEX 3.33S	0.026	LAA	12		
C	ATRAZINE DF	0.50	LAA	12		
D	»MSO	0.50	PMV	12		
E	»LIQUID AMS	2.50	PMV	12		
6A	»DUAL II MAGNUM	1.60	LAA	9	55	99
B	»SHIELDEX 3.33S	0.0312	LAA	12		
C	ATRAZINE DF	0.50	LAA	12		
D	»MSO	0.50	PMV	12		
E	»LIQUID AMS	2.50	PMV	12		
7A	»DUAL II MAGNUM	1.60	LAA	9	58	99
B	»SHIELDEX 3.33S	0.0351	LAA	12		
C	ATRAZINE DF	0.50	LAA	12		
D	»MSO	0.50	PMV	12		
E	»LIQUID AMS	2.50	PMV	12		
8A	»DUAL II MAGNUM	1.60	LAA	9	22	96
	LSD (0.05)				5.8	2.8
	STANDARD DEVIATION				2.7	1.3

» **= 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 %	06/07/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/07/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/07/2018	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/07/2018	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	06/14/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/14/2018	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/14/2018	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/14/2018	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = DKC62-08RIB