APPLICATIONS

SOIL INFORMATION

TEXTURE: SIX
PH: 6.6
%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	06/04/19	07/02/19	AME
TIME - BEGIN	17:55	09:45	24H
TIME - END	18:15	10:00	24H
AIR TEMPERATURE	82	87	F
% REL.HUMIDITY	47	65	
WIND DIRECTION	SOUTHWEST	WEST	
WIND SPEED	12.0	5.0	M/H
CLOUD COVER	CLEAR-0%	CLEAR-0%	
DEW	NO	NO	
SOIL MOISTURE	DRY/ DRY	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	73/4.00	80/4.00	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	0.250	0.250	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	15.00	15.00	
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	
W5518RIB WYFFELS		16.0/16.0	IN
(PLANTED) 06/04/2019		28 DAP	
PEST *			
P, Waterhemp, commo		---/19	
		1.00/6.00	IN
P, Tall morning glo		---/13	
		2.00/2.00	IN

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

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

*** STAGE CODE**
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Shieldex POST in Corn. Lost 40-D
CREATED: 04/02/2019 **REVISED:** 10/31/2019 **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	ZEAMD CON % 07/09/19	ZEAMD CON % 07/15/19	AMATA CON % 07/15/19	PHBPU CON % 07/15/19	ZEAMD CON % 08/02/19	AMATA CON % 08/02/19
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	BICEP 6L SC	2.505	LAA	9	0	0	65	69	0	53
3A	BICEP 6L SC	2.505	LAA	9	0	0	94	92	0	97
B»	SHIELDEX 3.33S	0.026	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
4A	BICEP 6L SC	2.505	LAA	9	1	1	92	89	0	90
B»	SHIELDEX 3.33S	0.034	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
5A	BICEP 6L SC	2.505	LAA	9	0	0	94	96	0	95
B	IMPACT 2.8SC	0.022	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
6A	BICEP 6L SC	2.505	LAA	9	2	2	95	95	0	93
B»	LAUDIS 3.5SC	0.082	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MSO	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
7A	BICEP 6L SC	2.505	LAA	9	0	0	94	97	0	91
B	CALLISTO 4SC	0.094	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	NIS 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
8A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.4	0.4	8.8	12.6	0.0	8.4
	STANDARD DEVIATION				0.2	0.2	4.1	5.9	0.0	3.9

DATA MEAN

TITLE: Shieldex POST in Corn. Lost 40-D
CREATED: 04/02/2019 **REVISED:** 10/31/2019 **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	PHBPU CON % 08/02/19	ZEAMD CON % 08/13/19	AMATA CON % 08/13/19	PHBPU CON % 08/13/19
1A	CHECK	0.00	NA	0	0	0	0	0
2A	BICEP 6L SC	2.505	LAA	9	47	0	59	50
3A	BICEP 6L SC	2.505	LAA	9	91	0	96	90
	B»SHIELDEX 3.33S	0.026	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
4A	BICEP 6L SC	2.505	LAA	9	83	0	90	84
	B»SHIELDEX 3.33S	0.034	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
5A	BICEP 6L SC	2.505	LAA	9	94	0	95	96
	B IMPACT 2.8SC	0.022	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
6A	BICEP 6L SC	2.505	LAA	9	92	0	95	97
	B»LAUDIS 3.5SC	0.082	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
7A	BICEP 6L SC	2.505	LAA	9	95	0	93	97
	B CALLISTO 4SC	0.094	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»NIS 90	0.25	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
8A	CHECK	0.00	NA	0	0	0	0	0
	LSD (0.05)				7.2	0.0	7.0	4.6
	STANDARD DEVIATION				3.4	0.0	3.2	2.2

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/04/2019(1)
12 = --- / POST 07/02/2019(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 %	07/09/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	07/15/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/15/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	07/15/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	08/02/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	08/02/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	08/02/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	08/13/2019	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	08/13/2019	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	08/13/2019	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = W5518RIB WYFFELS