

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.8
PREV.CROP: NA -
%RESIDUE: 0
PLOT WIDTH: 7.5 X 35 FEET
PLOT AREA: 262.5 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	05/30/17	AME
TIME - BEGIN	09:00	24H
TIME - END	09:12	24H
AIR TEMPERATURE	67	F
% REL.HUMIDITY	48	
WIND DIRECTION	WEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	69/4.00	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	0.380	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	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	
G10T63-3122 E-Z	8.00/8.00	IN
(PLANTED) 04/20/2017	40 DAP	
PEST *		
P, WATERHEMP, COMMO	---/13 1.00/1.00	IN
P, RAGWEED, COMMON	---/14 3.00/3.00	IN
P, MORNINGGLORY, TA	---/16 2.00/2.00	IN

*** CONTINUE

TRIAL # US 109/17/01 002 02 : UCUI2 C-500
 APPLICATIONS

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST * P, FOXTAIL, GIANT	---/12 1.00/2.00	IN

* TIMING CODES

11 = --- / EPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TRIAL # US 109/17/01 002 02 : UCUIP2 C-500
DATA MEAN**

TITLE: KFD 274-01 with Interline or Powermax vs Halex GT. C-500
CREATED: 04/18/2017 **REVISED:** 08/23/2017 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMATA	AMBEL	PHBPU	SIDSP
		RATE	UNIT TM	CON % 06/12/17	CON % 06/12/17	CON % 06/12/17	CON % 06/12/17	CON % 06/12/17	CON % 06/12/17
1A»	KFD 274-01 3.6	2.20	LAA 11	0	80	99	90	77	99
B»	INTERLINE 2.34	0.40	LAA 11						
C»	ACTIVATOR 90	0.25	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
2A»	KFD 274-01 3.6	2.20	LAA 11	0	97	99	83	86	99
B»	RNDUP POWERMAX	0.84	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A	CHECK	0.00	NA 0	0	0	0	0	0	0
4A»	HALEX GT 4.38L	2.20	LAA 11	0	98	97	87	76	99
B»	ACTIVATOR 90	0.25	PMV 11						
C»	LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		0.0	10.5	3.5	8.6	13.7	0.0
		STANDARD DEVIATION		0.0	4.3	1.4	3.5	5.6	0.0

**TRIAL # US 109/17/01 002 02 : UCUIP2 C-500
DATA MEAN**

TITLE: KFD 274-01 with Interline or Powermax vs Halex GT. C-500
CREATED: 04/18/2017 **REVISED:** 08/23/2017 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ABUTH	ZEAMD	SETFA	AMATA	AMBEL	PHBPU
		RATE	UNIT TM	CON % 06/12/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17	CON % 06/29/17
1A»	KFD 274-01 3.6	2.20	LAA 11	99	0	78	97	87	75
B»	INTERLINE 2.34	0.40	LAA 11						
C»	ACTIVATOR 90	0.25	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
2A»	KFD 274-01 3.6	2.20	LAA 11	99	0	95	98	83	83
B»	RNDUP POWERMAX	0.84	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A	CHECK	0.00	NA 0	0	0	0	0	0	0
4A»	HALEX GT 4.38L	2.20	LAA 11	99	0	98	96	83	72
B»	ACTIVATOR 90	0.25	PMV 11						
C»	LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		0.0	0.0	9.3	4.7	7.6	15.0
		STANDARD DEVIATION		0.0	0.0	3.8	1.9	3.1	6.1

**TRIAL # US 109/17/01 002 02 : UCUI2 C-500
DATA MEAN**

TITLE: KFD 274-01 with Interline or Powermax vs Halex GT. C-500
CREATED: 04/18/2017 **REVISED:** 08/23/2017 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
PLOT AREA: 262.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		SIDSP	ABUTH	ZEAMD	SETFA	AMATA	AMBEL
		RATE	UNIT TM	CON % 06/29/17	CON % 06/29/17	CON % 07/12/17	CON % 07/12/17	CON % 07/12/17	CON % 07/12/17
1A»	KFD 274-01 3.6	2.20	LAA 11	97	99	0	75	96	83
B»	INTERLINE 2.34	0.40	LAA 11						
C»	ACTIVATOR 90	0.25	PMV 11						
D»	LIQUID AMS	2.50	PMV 11						
2A»	KFD 274-01 3.6	2.20	LAA 11	96	99	0	91	98	80
B»	RNDUP POWERMAX	0.84	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A	CHECK	0.00	NA 0	0	0	0	0	0	0
4A»	HALEX GT 4.38L	2.20	LAA 11	96	99	0	96	95	78
B»	ACTIVATOR 90	0.25	PMV 11						
C»	LIQUID AMS	2.50	PMV 11						
			LSD (0.05)	4.2	0.0	0.0	7.9	5.7	8.8
			STANDARD DEVIATION	1.7	0.0	0.0	3.2	2.3	3.6

TRIAL # US 109/17/01 002 02 : UCUIP2 C-500
DATA MEAN

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 CREATED: 04/18/2017 REVISED: 08/23/2017 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG
 PLOT AREA: 262.50 SFT

REPS: 03

TRT	TREATMENT	DOSAGE	PHBPU	SIDSP	ABUTH
NUM	COMPONENT	RATE	CON %	CON %	CON %
		UNIT	07/12/17	07/12/17	07/12/17
1A	KFD 274-01 3.6	2.20	LAA 11	70	92
B	INTERLINE 2.34	0.40	LAA 11		
C	ACTIVATOR 90	0.25	PMV 11		
D	LIQUID AMS	2.50	PMV 11		
2A	KFD 274-01 3.6	2.20	LAA 11	79	92
B	RNDUP POWERMAX	0.84	LAA 11		
C	LIQUID AMS	2.50	PMV 11		
3A	CHECK	0.00	NA 0	0	0
4A	HALEX GT 4.38L	2.20	LAA 11	70	93
B	ACTIVATOR 90	0.25	PMV 11		
C	LIQUID AMS	2.50	PMV 11		
		LSD (0.05)	11.2	6.6	0.0
		STANDARD DEVIATION	4.6	2.7	0.0

>> = 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	CTR1	SS	NOTE
001	ZEAMD	CON %	06/12/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/12/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL	CON %	06/12/2017	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/12/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SIDSP	CON %	06/12/2017	06	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	06/12/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/29/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/29/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/29/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	06/29/2017	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/29/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SIDSP	CON %	06/29/2017	06	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/29/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/12/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/12/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	07/12/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBEL	CON %	07/12/2017	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	PHBPU	CON %	07/12/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SIDSP	CON %	07/12/2017	06	P	SIDSP		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ABUTH	CON %	07/12/2017	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = G10T63-3122 E-Z