

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
PH: 5.6  
%OM: 3.5  
PREV.CROP: NA -  
%RESIDUE: 0  
PLOT WIDTH: 7.5 X 30 FEET  
PLOT AREA: 225 FEET

DESIGN: RCB  
REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQUID MI	
APPLICATION DATE	05/18/17	AME
TIME - BEGIN	19:45	24H
TIME - END	20:25	24H
AIR TEMPERATURE	76	F
% REL.HUMIDITY	50	
WIND DIRECTION	SOUTH	
WIND SPEED	7.0	M/H
CLOUD COVER	PAR.CLOUD	
DEW	TO BE SEL	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	77/4.00	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	18.0	IN
SPEED	3.00	M/H
MIX SIZE	0.430	
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

\* TIMING CODES

09 = --- / PREEMERGENCE



**TRIAL # US 122/17/01 002 02 : UCHELMPRE\* VC-2  
DATA MEAN**

**TITLE:** Argos Ultra / HAI Formulation Comparison Pre in Corn. VC-2  
**CREATED:** 05/11/2017 **REVISED:** 02/13/2018 **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: 04**

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	ECHCG	AMAPA	POROL	ABUTH	ZEAMD	
		RATE	UNIT	TM	CON % 07/05/17	CON % 07/05/17	CON % 07/05/17	CON % 07/05/17	CON % 07/05/17	CON % 07/22/17	
1A	»ARGOS ULTRA 4.	1.41	LAA	9	0	92	96	88	98	0	
2A	»ARGOS ULTRA 4.	1.76	LAA	9	0	94	94	92	98	0	
3A	»ARGOS ULTRA 4.	2.11	LAA	9	0	94	98	95	98	0	
4A	»HAI MET+MESO#2	1.41	LAA	9	0	89	95	88	99	0	
5A	»HAI MET+MESO#2	1.76	LAA	9	0	90	99	92	97	0	
6A	»HAI MET+MESO#2	2.11	LAA	9	0	97	99	98	98	0	
7A	»HAI MET+MESO#4	1.42	LAA	9	0	90	97	89	98	0	
8A	»HAI MET+MESO#4	1.78	LAA	9	0	94	98	95	98	0	
9A	»HAI MET+MESO#4	2.13	LAA	9	0	97	99	99	99	0	
10A	»HAI MET+MESO#4	1.42	LAA	9	0	87	94	89	95	0	
11A	»HAI MET+MESO#4	1.78	LAA	9	0	95	95	92	99	0	
12A	»HAI MET+MESO#4	2.13	LAA	9	0	94	99	96	99	0	
13A	»ZEMAX 3.67L	2.40	QMA	0	0	98	99	99	99	0	
	B DUAL II MAGNUM	2.00	LAA	9							
	C CALLISTO 4SC	0.20	LAA	9							
14A	»ACURON FLEXI 3	1.22	LAA	9	0	94	93	95	99	0	
15A	»ACURON FLEXI 3	1.63	LAA	9	0	97	98	99	98	0	
16A	»ACURON FLEXI 3	1.83	LAA	9	0	94	97	99	99	0	
17A	CHECK	0.00	NA	0	0	0	0	0	0	0	
18A	»ARGOS ULTRA 4.	1.76	LAA	9	0	95	99	99	99	0	
	B ATRAZINE DF	1.50	LAA	9							
					LSD (0.05)	0.0	16.6	16.5	16.2	16.7	0.0
					STANDARD DEVIATION	0.0	8.3	8.2	8.1	8.3	0.0

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 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: 04

TRT	TREATMENT	DOSAGE			ECHCG	AMAPA	POROL	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/22/17	07/22/17	07/22/17	07/22/17
1A	»ARGOS ULTRA 4.	1.41	LAA	9	86	95	93	98
2A	»ARGOS ULTRA 4.	1.76	LAA	9	90	93	92	96
3A	»ARGOS ULTRA 4.	2.11	LAA	9	90	98	97	98
4A	»HAI MET+MESO#2	1.41	LAA	9	83	91	93	99
5A	»HAI MET+MESO#2	1.76	LAA	9	86	99	94	96
6A	»HAI MET+MESO#2	2.11	LAA	9	95	99	98	98
7A	»HAI MET+MESO#4	1.42	LAA	9	86	96	94	97
8A	»HAI MET+MESO#4	1.78	LAA	9	92	96	96	98
9A	»HAI MET+MESO#4	2.13	LAA	9	94	99	99	98
10A	»HAI MET+MESO#4	1.42	LAA	9	86	92	93	94
11A	»HAI MET+MESO#4	1.78	LAA	9	89	93	93	98
12A	»HAI MET+MESO#4	2.13	LAA	9	90	98	95	98
13A	»ZEMAX 3.67L	2.40	QMA	0	95	99	99	98
	B DUAL II MAGNUM	2.00	LAA	9				
	C CALLISTO 4SC	0.20	LAA	9				
14A	»ACURON FLEXI 3	1.22	LAA	9	91	93	94	98
15A	»ACURON FLEXI 3	1.63	LAA	9	94	98	98	98
16A	»ACURON FLEXI 3	1.83	LAA	9	90	96	99	98
17A	CHECK	0.00	NA	0	0	0	0	0
18A	»ARGOS ULTRA 4.	1.76	LAA	9	93	99	99	98
	B ATRAZINE DF	1.50	LAA	9				
LSD (0.05)					16.5	16.8	15.5	16.7
STANDARD DEVIATION					8.3	8.4	7.8	8.4

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = --- / UNTREATED TIMING  
 09 = --- / PREEMERGENCE 05/18/2017(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	CON %	06/10/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/18/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ECHCG	CON %	06/18/2017	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMAPA	CON %	06/18/2017	03	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POROL	CON %	06/18/2017	04	P	POROL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/18/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/05/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ECHCG	CON %	07/05/2017	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMAPA	CON %	07/05/2017	03	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POROL	CON %	07/05/2017	04	P	POROL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/05/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	CON %	07/22/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ECHCG	CON %	07/22/2017	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMAPA	CON %	07/22/2017	03	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
015	POROL	CON %	07/22/2017	04	P	POROL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	07/22/2017	05	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