

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
PH: 6.0  
%OM: 3.5  
PREV.CROP: GLXMA - SOYBEAN  
%RESIDUE: 0  
PLOT WIDTH: 7.5 X 30 FEET  
PLOT AREA: 225 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	05/30/17	AME
TIME - BEGIN	08:00	24H
TIME - END	08:20	24H
AIR TEMPERATURE	66	F
% REL.HUMIDITY	52	
WIND DIRECTION	WEST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	62/4.00	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	0.330	
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, CORN, DENT	---/14	
G10T63-3122 E-Z	5.00/5.00	IN
(PLANTED) 04/24/2017	36 DAP	
PEST *		
P, VELVETLEAF	---/14	
	3.00/3.00	IN
P, WATERHEMP, COMMO	---/17	
	2.00/4.00	IN
P, MORNINGGLORY, TA	---/14	
	2.00/2.00	IN

\*\*\* CONTINUE

TRIAL # US 133/17/01 003 01 : UCYUKON AS-400  
APPLICATIONS

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST * P, FOXTAIL, GIANT	---/14 4.00/6.00	IN

\* TIMING CODES

11 = --- / EPOST

\* STAGE CODE

14 = 4 LEAVES UNFOLDED

14 = 4 LEAVES UNFOLDED

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TRIAL # US 133/17/01 003 01 : UCYUKON AS-400  
DATA MEAN**

**TITLE:** Gowan Yukon + Mesotrione combination post treatments in Corn. AS-400  
**CREATED:** 05/11/2017 **REVISED:** 03/20/2018 **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			ZEAMD	SETFA	AMATA	ABUTH	PHBPU	ZEAMD
		RATE	UNIT	TM	CON % 06/13/17	CON % 06/13/17	CON % 06/13/17	CON % 06/13/17	CON % 06/13/17	CON % 06/26/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	CALLISTO 4SC	0.063	LAA	11	0	0	50	88	53	0
	B»LIQUID AMS	5.00	PMV	11						
	C»COC	1.00	PMV	11						
3A	CALLISTO 4SC	0.063	LAA	11	0	0	37	99	72	0
	B PERMIT (75WG)	0.015	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
	D»COC	1.00	PMV	11						
4A	CALLISTO 4SC	0.063	LAA	11	0	0	77	99	85	0
	B PERMIT (75WG)	0.023	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
	D»COC	1.00	PMV	11						
5A	CALLISTO 4SC	0.063	LAA	11	0	0	75	99	88	0
	B PERMIT (75WG)	0.031	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
	D»COC	1.00	PMV	11						
6A	CALLISTO 4SC	0.063	LAA	11	0	0	78	99	86	0
	B»YUKON 77.5DF	0.097	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
	D»COC	1.00	PMV	11						
7A	CALLISTO 4SC	0.063	LAA	11	0	17	78	99	87	0
	B»YUKON 77.5DF	0.194	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
	D»COC	1.00	PMV	11						
8A	CALLISTO 4SC	0.094	LAA	11	0	20	98	99	93	0
	B ATRAZINE DF	1.00	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
	D»COC	1.00	PMV	11						
		LSD (0.05)			0.0	3.6	13.1	1.8	6.7	0.0
		STANDARD DEVIATION			0.0	1.7	6.1	0.8	3.1	0.0

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**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
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**PLOT AREA:** 225.00 SFT

**REPS: 03**

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 06/26/17	CON % 06/26/17	CON % 06/26/17	CON % 06/26/17
1A	CHECK	0.00	NA	0	0	0	0	0
2A	CALLISTO 4SC	0.063	LAA	11	0	53	99	55
	B>LIQUID AMS	5.00	PMV	11				
	C>COC	1.00	PMV	11				
3A	CALLISTO 4SC	0.063	LAA	11	0	33	99	73
	B PERMIT (75WG)	0.015	LAA	11				
	C>LIQUID AMS	5.00	PMV	11				
	D>COC	1.00	PMV	11				
4A	CALLISTO 4SC	0.063	LAA	11	0	75	99	87
	B PERMIT (75WG)	0.023	LAA	11				
	C>LIQUID AMS	5.00	PMV	11				
	D>COC	1.00	PMV	11				
5A	CALLISTO 4SC	0.063	LAA	11	0	65	99	90
	B PERMIT (75WG)	0.031	LAA	11				
	C>LIQUID AMS	5.00	PMV	11				
	D>COC	1.00	PMV	11				
6A	CALLISTO 4SC	0.063	LAA	11	0	68	99	89
	B>YUKON 77.5DF	0.097	LAA	11				
	C>LIQUID AMS	5.00	PMV	11				
	D>COC	1.00	PMV	11				
7A	CALLISTO 4SC	0.063	LAA	11	0	84	99	88
	B>YUKON 77.5DF	0.194	LAA	11				
	C>LIQUID AMS	5.00	PMV	11				
	D>COC	1.00	PMV	11				
8A	CALLISTO 4SC	0.094	LAA	11	0	95	99	87
	B ATRAZINE DF	1.00	LAA	11				
	C>LIQUID AMS	5.00	PMV	11				
	D>COC	1.00	PMV	11				
LSD (0.05)					0.0	16.1	0.0	15.5
STANDARD DEVIATION					0.0	7.5	0.0	7.2

» = 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	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/13/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/13/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/13/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/13/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/13/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/26/2017	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/26/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/26/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/26/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/26/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = G10T63-3122 E-Z