

**Table 5. Evaluation of mesotrione (Callisto) herbicide systems in corn (KC-Callisto).**

Treatment	Rate	Unit	Timing	Foxtail	Velvetleaf	Lambsqt.	Waterhemp	Crop injury	Foxtail	Velvetleaf	Lambsqt.	Waterhemp	Crop yield											
				6/11	6/11	6/11	6/11	6/11	7/10	7/10	7/10	7/10	10/26											
				----- % weed control -----				% injury	----- % weed control -----				bu/acre											
1	check												112.2	b										
2	Dual II Magnum	2	PT/A	pre	97.7	a	94.3	ab	99.0	a	99.0	a	3.3	a	96.3	a	99.0	a	98.3	a	99.0	a	161.1	a
	Callisto	6	FL OZ/A	pre																				
3	Dual II Magnum	2	PT/A	pre	99.3	a	99.1	a	99.3	a	97.7	a	2.5	a	97.2	a	98.6	a	99.2	a	98.7	a	183.7	a
	Callisto	6	FL OZ/A	pre																				
	Atrazine	1	LB A/A	pre																				
4	Bicep Lite II Magnum	2.2	QT/A	pre	99.0	a	85.0	ab	99.0	a	99.0	a	1.7	a	99.0	a	85.0	b	96.0	a	96.0	a	167.7	a
5	Dual II Magnum	2	PT/A	pre	97.7	a	75.0	b	78.3	bc	89.7	a	0.0	a	99.0	a	96.3	a	99.0	a	99.0	a	165.9	a
	Callisto	3	FL OZ/A	post																				
	COC	1	% V/V	post																				
	28% UAN	2.5	% V/V	post																				
6	Bicep Lite II Magnum	2.2	QT/A	pre	99.0	a	91.7	ab	89.7	ab	99.0	a	0.0	a	97.7	a	97.7	a	99.0	a	97.7	a	172.0	a
	Callisto	3	OZ/A	post																				
	COC	1	% V/V	post																				
	28% UAN	2.5	% V/V	post																				
7	Dual II Magnum	2	PT/A	pre	97.7	a	83.3	ab	73.3	bc	96.3	a	0.0	a	96.0	a	99.0	a	99.0	a	99.0	a	164.7	a
	Callisto	3	OZ/A	post																				
	Atrazine	0.25	LB A/A	post																				
	COC	1	% V/V	post																				
	28% UAN	2.5	% V/V	post																				
8	Outlook	21	FL OZ/A	pre	97.7	a	88.0	ab	91.3	ab	99.0	a	0.0	a	99.0	a	94.7	a	99.0	a	97.7	a	178.7	a
	Marksman	3.5	PT/A	post																				
9	Dual II Magnum	2	PT/A	pre	99.0	a	80.0	ab	68.3	c	94.7	a	0.0	a	99.0	a	92.0	a	99.0	a	97.7	a	174.2	a
	Northstar	5	OZ/A	post																				
	NIS	0.25	% V/V	post																				
	AMS	3	LB/A	post																				
LSD (P = .05)					2.6		12.6		13.3		7.7		3.0		4.0		4.8		3.2		3.9		20.8	

Means followed by same letter do not significantly differ (P = .05, Student-Newman-Keuls).