

Study Name: Comparison of crop safety and efficacy of Liberty formulations in LL canola (0730)

Objectives: Compare crop safety and weed control with new Liberty formulations with and without AMS

Results:

No crop injury was observed with any treatment. All treatments provided good to excellent control of wild buckwheat, kochia, and yellow foxtail. Weed pressure in this study was low. Liberty tended to perform better with the addition of AMS.

Treatment	Rate	Timing	Canola		Wibw ^a		Kocz ^a		Yeft ^a	
			% injury Jun 20	% injury Jul 7	% control Jun 20	% control Jul 7	% control Jun 20	% control Jul 7	% control Jun 20	% control Jul 7
Untreated			0	0	0	0	0	0	0	0
Liberty 200	32fl oz	1-3" weeds	0	0	89	89	100	99	95	93
Liberty 200 SL	32fl oz	1-3" weeds	0	0	91	91	100	100	99	95
Liberty 200 + AMS	32fl oz + 1.5lb	1-3" weeds	0	0	93	95	100	100	98	99
Liberty 200 SL + AMS	32fl oz + 1.5lb	1-3" weeds	0	0	93	94	100	100	99	99
Liberty 200 + AMS + Select Max	28fl oz + 1.5lb + 3fl oz	1-3" weeds	0	0	91	93	100	100	100	100
Liberty 200 SL + AMS + Select Max	28fl oz + 1.5lb + 3fl oz	1-3" weeds	0	0	93	92	100	99	99	98
LSD (0.05)			NS	NS	2.8	2.2	0	1.6	4.3	3.5
CV			0	0	2	1.6	0	1.1	2.9	2.3

^a *Wibw = Wild buckwheat; Kocz = Kochia; Yeft = Yellow foxtail*