

Resin Results by Region and Cultivar Determined by HPLC from Hop Samples Submitted by Ontario Growers, 2014

Grower Location in Ontario	Cultivar	Moisture	Alpha Acid %			Beta Acid %		
			Cohumulone	Adhumulone + humulone	Total	Colupulone	Adlupulone + lupulone	Total
Eastern Region	Naturalised 1	NA	2.493	6.997	9.490	1.634	1.412	3.046
	Newport 1	7.85	3.276	5.411	8.687	4.616	2.677	7.293
	Newport 2	11.65	2.958	4.675	7.633	4.157	2.266	6.423
	Newport 3	7.20	4.248	4.446	8.693	5.254	2.830	8.084
	Nugget	15.85	3.193	6.905	10.098	2.927	1.930	4.857
	Nugget - high moisture	22.05	3.011	4.448	7.459	3.945	2.210	6.155
	Zeus 1	5.60	5.215	10.226	15.441	3.052	2.100	5.152
	Zeus 2	14.80	3.228	8.343	11.571	2.230	1.802	4.032
Western Region	Cascade 1	10.90	1.847	3.480	5.327	2.281	1.943	4.225
	Cascade 2	10.05	1.228	2.891	4.119	1.788	1.125	2.913
	Cascade 3	8.05	2.167	3.787	5.954	2.759	2.163	4.922
	Centennial	13.40	2.264	5.606	7.870	1.617	1.442	3.059
	Chinook 1	16.90	2.684	5.535	8.218	1.607	1.239	2.846
	Chinook 2	9.40	2.530	4.826	7.357	1.861	1.456	3.317
	Fuggle	9.75	1.363	3.273	4.636	1.467	1.350	2.817
	Hallertauer	11.50	1.790	3.268	5.057	2.419	2.007	4.426
	Naturalised 2	4.30	0.901	1.099	1.999	1.623	0.700	2.323
	Nugget	NA	2.327	6.078	8.406	2.002	1.725	3.728
	Sterling	6.95	0.942	2.567	3.509	1.590	1.849	3.439
	Willamette	13.45	1.607	3.015	4.622	1.799	1.412	3.211

Alpha and beta acid content was determined using HPLC at Loyalist College

