



Chelan

U.S.
High Alpha Hop

Chelan is a high alpha acids variety with a very high percentage of beta acids. The variety was developed through the John I. Haas, Inc., breeding program and released in 1994. It is a daughter of Galena and has analytical data similar to Galena. Cone yields and percentages of alpha acids are higher than for Galena.

Pedigree	Daughter of Galena
Aroma	Floral and citrus
Alpha Acids*	12.0 - 14.5 %
Beta Acids	8.5 - 9.8 %
Cohumulone	33 - 35 % of alpha acids
Total Oil	1.5 - 1.9 ml/100g
Myrcene	45 - 55 % of total oil
Humulene	12 - 15 % of total oil
Caryophyllene	9 - 12 % of total oil
Farnesene	< 1 % of total oil
Storage Stability	Excellent

* Alpha acids are determined by conductometric titration (EBC 7.4) in Europe; by spectrophotometric (ASBC Hops-6) in USA