



Cascade

U.S.
Aroma Hop

Cascade was developed in the U.S.D.A. breeding program in Oregon and released as a U.S. aroma variety in 1972. It is characterized by a dark green elongated cone with an aroma that is of medium strength with very distinct floral notes and is often described as having grapefruit-like character. Cascade is the definitive hop for American craft brews.

Pedigree	Cross of English Fuggle with male originating from Russian variety Serebrianka
Aroma	Unique floral, citrus
Alpha Acids*	4.5 - 7.0 %
Beta Acids	4.8 - 7.0 %
Cohumulone	33 - 40 % of alpha acids
Total Oil	0.7 - 1.4 ml/100g
Myrcene	45 - 60 % of total oil
Humulene	8 - 13 % of total oil
Caryophyllene	3 - 6 % of total oil
Farnesene	3 - 7 % of total oil
Storage Stability	Very poor

* Alpha acids are determined by conductometric titration (EBC 7.4) in Europe; by spectrophotometric (ASBC Hops-6) in USA
Copyright©2014 John I. Haas, Inc.