

Willamette

U.S.
Aroma Hop



Willamette, the triploid daughter of Fuggle, was released as a U.S. aroma variety in 1976 from the U.S.D.A. breeding program in Oregon. The variety is characterized by a low alpha acids content, mild aroma similar to Fuggle, and average agronomic yields.

Pedigree	Triploid seedling of English Fuggle
Aroma	Mild and pleasant; slightly spicy
Alpha Acids*	4.0 - 6.0 %
Beta Acids	3.5 - 4.5 %
Cohumulone	30 - 35 % of alpha acids
Total Oil	1.0 - 1.5 ml/100g
Myrcene	30 - 40 % of total oil
Humulene	20 - 27 % of total oil
Caryophyllene	7 - 8 % of total oil
Farnesene	5 - 6 % of total oil
Storage Stability	Fair

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