

# Summit

U.S.

High Alpha Hop



Summit is a dwarf high-alpha variety bred by the American Dwarf Hop Association in the U.S. Released in 2003, it has unusually high alpha acids content, excellent storage stability and powdery mildew resistance. Summit has a strong aroma profile which includes citrus and grapefruit notes.

<b>Pedigree</b>	<b>From Nugget crossed with progeny of female Zeus and USDA males</b>
<b>Aroma</b>	<b>Strong citrus and grapefruit</b>
<b>Alpha Acids*</b>	<b>16.0 - 18.0 %</b>
<b>Beta Acids</b>	<b>4.0 - 6.0 %</b>
<b>Cohumulone</b>	<b>26 - 33 % of alpha acids</b>
<b>Total Oil</b>	<b>1.5 - 2.5 ml/100g</b>
<b>Myrcene</b>	<b>35 - 50 % of total oil</b>
<b>Humulene</b>	<b>15 - 25 % of total oil</b>
<b>Caryophyllene</b>	<b>10 - 15 % of total oil</b>
<b>Farnesene</b>	<b>&lt; 1 % of total oil</b>
<b>Storage Stability</b>	<b>Excellent</b>

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