



# Ella™

## Australia Aroma Hop

Ella is a versatile flavor hop brand developed through the Hop Products Australia breeding program (part of Barth-Haas Group). The hop contributes a combination of floral aromas with hints of anise. Ella is reminiscent of, yet distinctly different in character to noble European hop brands, and provides a contrast to the citrus and tropical fruit characters of many modern flavor hops. It grows vigorously, producing moderately large, dense cones.

<b>Pedigree</b>	<b>Australian breeding material</b>
<b>Aroma/Flavor</b>	<b>Spice and floral</b>
<b>Alpha Acids*</b>	<b>12.3 - 16.3 %</b>
<b>Beta Acids</b>	<b>4.0 - 6.8 %</b>
<b>Cohumulone</b>	<b>32 - 38 % of alpha acids</b>
<b>Total Oil</b>	<b>1.8 - 2.6 ml/100g</b>
<b>Myrcene</b>	<b>38 - 43 % of total oil</b>
<b>Humulene</b>	<b>16 - 22 % of total oil</b>
<b>Caryophyllene</b>	<b>13 - 16 % of total oil</b>
<b>Farnesene</b>	<b>&lt;2 % of total oil</b>

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