



# Progress

U.K.

## Dual Purpose Hop

Progress was developed at Wye College and released for commercial growing in 1964. It is somewhat similar to a Fuggle but slightly sweeter aroma. Progress has an aroma profile and alpha level ideally suited to British Bitter, Pale Ales, Porter & Stout.

<b>Pedigree</b>	<b>Daughter of Whitbread Golding crossed with a wild American male hop</b>
<b>Aroma</b>	<b>Moderate hop aroma, sweet</b>
<b>Alpha Acids*</b>	<b>6.0 - 7.5 %</b>
<b>Beta Acids</b>	<b>2.0 - 2.7 %</b>
<b>Cohumulone</b>	<b>25 - 30 % of alpha acids</b>
<b>Total Oil</b>	<b>0.5 - 0.8 ml/100g</b>
<b>Myrcene</b>	<b>24 - 28 % of total oil</b>
<b>Humulene</b>	<b>40 - 47 % of total oil</b>
<b>Caryophyllene</b>	<b>12 - 15 % of total oil</b>
<b>Farnesene</b>	<b>&lt; 1 % of total oil</b>
<b>Storage Stability</b>	<b>Very good</b>

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