



Northdown

U.K.

Dual Purpose Hop

Northdown was developed at Wye College in the UK from a cross of Northern Brewer female with a German male hop; released in the early 1970s. It is a high yielding, dual-purpose variety with good resistance to downy mildew but is susceptible to powdery mildew. Northdown has a distinctive aroma including notes of spicy, pine, floral and berry.

Pedigree	Northern Brewer and German male hop
Aroma	Spicy, pine, floral and berry
Alpha Acids*	7.0 - 10.0 %
Beta Acids	4.0 - 5.0 %
Cohumulone	29 - 33 % of alpha acids
Total Oil	1.2 - 2.2 ml/100g
Myrcene	23 - 27 % of total oil
Humulene	35 - 39 % of total oil
Farnesene	1 % of total oil
Storage Stability	Very good

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