



Magnum

Germany

High Alpha Hop

This high alpha variety was bred in 1980 at Hüll Hop Research Center in Germany and is known for its extremely large and heavy cones. It produces good yields, and like many of the Hüll varieties, Hallertauer Magnum has a high tolerance to disease.

Pedigree	Daughter of U.S. Galena
Aroma	Spicy with some fruity
Alpha Acids*	11.0 - 16.0 %
Beta Acids	5.0 - 7.0 %
Cohumulone	21 - 29 % of alpha acids
Total Oil	1.6 - 2.6 ml/100g
Myrcene	30 - 45 % of total oil
Humulene	30 - 45 % of total oil
Caryophyllene	8 - 12 % 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