

SAPHIR

VARIETY INFORMATION


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Genetic Origin

A cross between two new varieties 83/17/20 and 80/56/6 bred in Huell.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,600 - 1,900
Maturity	Medium Early
Main growing country	Germany
Acreage (ha)	423

Resistance against Diseases

Wilt diseases	Resistant
Downy mildew	Susceptible
Powdery mildew	Resistant
Aphid	Tolerant

Chemical Ingredients

Bitter Components

Alpha acid %	2.0 - 4.5
Beta acid %	4.0 - 7.0
Cohumulone % rel.	12 - 17
Hard resins : alpha acid	0.34 - 1.20

Polyphenoles

Total polyphenoles	4.5
Xanthohumol	0.3 - 0.4

Aroma Components

Total oils (ml/100g)	0.6 - 1.4
Beta-caryophyllene: Humulene	0.40 - 0.50
Farnesene % of total oil	< 1
Linalool % of total oil	0.8 - 1.3
Linalool : Alpha acid	0.29 - 0.40

Aroma Evaluation (Smell of Raw Hops, 0-5)

Aroma Specification	Spicy, floral, citrusy				
Fruity					
Floral					
Citrusy					
Spicy					
Earthy / resinous					
Herbal					
Sugar-like					

Substitutes

Brewhouse	Dry Hopping
Hallertauer Tradition, Spalter Select	Hallertauer Mittelfrueh

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