

HALLERTAUER MAGNUM

VARIETY INFORMATION



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Genetic Origin

A Galena cross (751513M) originating in Germany, released in 1993.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,700 - 2,100
Maturity	Late
Main growing country	Germany
Acreage (ha)	2,200

Resistance against Diseases

Wilt diseases	Resistant
Downy mildew	Resistant
Powdery mildew	Susceptible
Aphid	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	11.0 - 16.0
Beta acid %	5.0 - 7.0
Cohumulone % rel.	21 - 29
Hard resins : alpha acid	0.11 - 0.29

Polyphenoles

Total polyphenoles	2.6
Xanthohumol	0.4 - 0.5

Aroma Components

Total oils (ml/100g)	1.9 - 2.8
Beta-caryophyllene: Humulene	0.20 - 0.30
Farnesene % of total oil	0.0 - 1.0
Linalool % of total oil	0.2 - 0.3
Linalool : Alpha acid	0.01 - 0.02

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

Aroma Specification	fruity, apple, pepper
Fruity	<div style="width: 40%; background-color: #FFD700;"></div>
Floral	<div style="width: 10%; background-color: #FFD700;"></div>
Citrusy	<div style="width: 30%; background-color: #FFD700;"></div>
Spicy	<div style="width: 50%; background-color: #FFD700;"></div>
Earthy / resinous	<div style="width: 10%; background-color: #FFD700;"></div>
Herbal	<div style="width: 20%; background-color: #FFD700;"></div>
Sugar-like	<div style="width: 0%; background-color: #FFD700;"></div>

Substitutes

Brewhouse	Dry Hopping
Hallertauer Taurus, Herkules, Hallertauer Merkur	

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COMMITTED TO THE BREWER