

HALLERTAUER MITTELFRUEH

VARIETY INFORMATION



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Genetic Origin

A landrace variety originating in Germany.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,050 - 1,300
Maturity	Early
Main growing country	Germany
Acreage (ha)	723

Resistance against Diseases

Wilt diseases	Susceptible
Downy mildew	Susceptible
Powdery mildew	Tolerant
Aphid	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	3.0 - 5.5
Beta acid %	3.0 - 5.0
Cohumulone % rel.	18 - 28
Hard resins : alpha acid	0.23 - 1.05

Polyphenoles

Total polyphenoles	4.6
Xanthohumol	0.2 - 0.3

Aroma Components

Total oils (ml/100g)	0.7 - 1.3
Beta-caryophyllene: Humulene	0.29 - 0.30
Farnesene % of total oil	0.0 - 1.0
Linalool % of total oil	0.7 - 1.1
Linalool : Alpha acid	0.20 - 0.23

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

Aroma Specification	spicy, grassy, tea, slight citrusy				
Fruity	0	1	2	3	4
Floral	0	1	2	3	4
Citrusy	0	1	2	3	4
Spicy	0	1	2	3	4
Earthy / resinous	0	1	2	3	4
Herbal	0	1	2	3	4
Sugar-like	0	1	2	3	4

Substitutes

Brewhouse	Dry Hopping
Hallertauer Tradition	Saphir

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