

PERLE

VARIETY INFORMATION



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Genetic Origin

A German variety bred in Huell resulting from a cross between Northern Brewer and 63/5/27M.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,550 - 1,950
Maturity	Medium to Late
Main growing country	Germany
Acreage (ha)	2,966

Resistance against Diseases

Wilt diseases	Resistant
Downy mildew	Resistant
Powdery mildew	Susceptible
Aphid	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	4.0 - 9.0
Beta acid %	2.5 - 4.5
Cohumulone % rel.	29 - 35
Hard resins : alpha acid	0.15 - 0.70

Polyphenoles

Total polyphenoles	4.1
Xanthohumol	0.4 - 0.6

Aroma Components

Total oils (ml/100g)	0.5 - 1.3
Beta-caryophyllene: Humulene	0.30 - 0.33
Farnesene % of total oil	0.0 - 1.0
Linalool % of total oil	0.2 - 0.6
Linalool : Alpha acid	0.05 - 0.07

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

Aroma Specification	tea, spicy, green fruit, pepper				
Fruity					
Floral					
Citrusy					
Spicy					
Earthy / resinous					
Herbal					
Sugar-like					

Substitutes

Brewhouse	Dry Hopping
Hallertauer Tradition, Northern Brewer, Aurora	Northern Brewer, Aurora, Spalter Select

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COMMITTED TO THE BREWER