

POLARIS

VARIETY INFORMATION



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Genetic Origin

94/075/758 x 97/060/720 (div. Huell material)

Agronomic Aspects

Growing

Classification	High Alpha
Maturity	Very Late
Main growing country	Germany
Acreage (ha)	174

Resistance against Diseases

Wilt diseases	Resistant
Downy mildew	Susceptible
Powdery mildew	Susceptible
Aphid	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	19.0 - 23.0
Beta acid %	4.0 - 6.0
Cohumulone % rel.	22 - 28
Hard resins : alpha acid	0.15 - 0.17

Polyphenoles

Total polyphenoles	3.3
Xanthohumol	0.7 - 1.0

Aroma Components

Total oils (ml/100g)	2.4 - 4.4
Beta-caryophyllene: Humulene	0.40
Farnesene % of total oil	0.0 - 1.0
Linalool % of total oil	0.1 - 0.4
Linalool : Alpha acid	0.01 - 0.02

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

Aroma Specification	menthol, ice wine, pineapple				
Fruity	[Progressive bar chart]				
Floral	[Progressive bar chart]				
Citrusy	[Progressive bar chart]				
Spicy	[Progressive bar chart]				
Earthy / resinous	[Progressive bar chart]				
Herbal	[Progressive bar chart]				
Sugar-like	[Progressive bar chart]				

Substitutes

Brewhouse	Dry Hopping
Herkules	

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COMMITTED TO THE BREWER