

NORTHERN BREWER

VARIETY INFORMATION



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Genetic Origin

A German cross between a Canterbury Golding and 'OB21' - a male seedling of Brewers Gold.

Agronomic Aspects

Growing

Classification	High Alpha
Yield (kg/ha)	1,400 - 1,650
Maturity	Medium Early
Main growing country	Germany
Acreage (ha)	300

Resistance against Diseases

Wilt diseases	Resistant
Downy mildew	Susceptible
Powdery mildew	Susceptible
Aphid	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	6.0 - 10.0
Beta acid %	3.0 - 5.0
Cohumulone % rel.	27 - 32
Hard resins : alpha acid	0.16 - 0.54

Polyphenoles

Total polyphenoles	3.9
Xanthohumol	0.5 - 0.7

Aroma Components

Total oils (ml/100g)	1.0 - 1.6
Beta-caryophyllene: Humulene	0.30 - 0.40
Farnesene % of total oil	0.0 - 1.0
Linalool % of total oil	0.3 - 0.8
Linalool : Alpha acid	0.03 - 0.05

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

Aroma Specification	grassy, spicy, lime, pine, mint				
Fruity					
Floral					
Citrusy					
Spicy					
Earthy / resinous					
Herbal					
Sugar-like					

Substitutes

Brewhouse	Dry Hopping
Perle, Aurora	Perle, Aurora

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Hopsteiner
COMMITTED TO THE BREWER