

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	Dual Purpose
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 - 0.0
Beta acid %	3.0 - 5.0
Cohumulone % rel.	27 - 32
Hard resins : alpha acid	0.16

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
Linalool % of total oil	0.3 - 0.8
Linalool : Alpha acid	0.08 - 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