

CENTENNIAL

VARIETY INFORMATION



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Genetic Origin

Selected from a cross between a Brewers Gold and Fuggle seedling and a selected USDA male with largely Brewers Gold parentage.

Agronomic Aspects

Growing

Classification	High Alpha
Yield (kg/ha)	1,700 - 2,000
Maturity	Medium Early
Main growing country	USA
Acreage (ha)	2,240

Resistance against Diseases

Wilt diseases	Tolerant
Downy mildew	Tolerant
Powdery mildew	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	9.5 - 11.5
Beta acid %	3.5 - 4.5
Cohumulone % rel.	29 - 30
Hard resins : alpha acid	0.23 - 0.71

Polyphenoles

Xanthohumol	0.3 - 0.5
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Aroma Components

Total oils (ml/100g)	0.8 - 2.3
Beta-caryophyllene: Humulene	0.46
Farnesene % of total oil	0.0 - 1.0
Linalool % of total oil	1.0 - 1.3
Linalool : Alpha acid	0.10 - 0.11

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

Aroma Specification	Lemon, Resinous, Vanilla				
Fruity					
Floral					
Citrusy					
Spicy					
Earthy / resinous					
Herbal					
Sugar-like					

Substitutes

Brewhouse	Dry Hopping
Cascade, Lemondrop	Cascade, Lemondrop

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COMMITTED TO THE BREWER