

CENTENNIAL

VARIETY INFORMATION



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Gentic 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	Dual Purpose
Yield (kg/ha)	1,700 - 2,000
Maturity	Medium Early
Main Growing Country	USA
Acreage (ha)	1685

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
Co-Humulone % rel.	29 - 30
Hard Resins : Alpha-Acid	0.23 - 0.71

Polyphenoles

Xanthohumol (EBC 7.7)	0.3 - 0.4
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Aroma Components

Total Oils (ml/100g)	0.8 - 2.3
Beta-Caryophyllen: Humulene	0.46
Farnesen % of total Oil	< 1
Linalool % of total Oil	1 - 1.3
Linalool: Alpha-Acid	0.1 - 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