

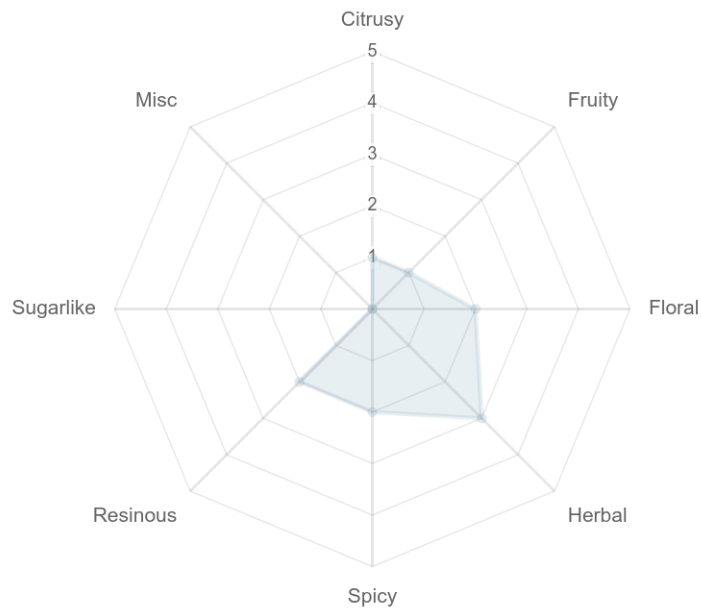


LIBERTY

Herbal

Genetic Origin: A triploid seedling of the German Hallertau variety.

AROMA EVALUATION



Rated by the smell of raw hops on a 0-5 scale

AROMA DESCRIPTION

Herbal, spicy, rose

AGRONOMIC ASPECTS

GROWING

Yield (kg/ ha)	1200 - 2000
Maturity	early to mid early
Acreage (ha)	88
Main growing country	United States

RESISTANCE AGAINST DISEASES

Downey mildew	tolerant
Powdery mildew	susceptible

INGREDIENTS

BITTER COMPONENTS

Alpha acids %	3.5 - 6.5
Beta acids %	3.0 - 4.0
Co-humulone % rel.	24 - 28

POLYPHENOLS

Xanthohumol %	0.2 - 0.3
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AROMA COMPONENTS

Total oil (ml/100g)	0.7 - 1.2
Farnesene % rel. of total oil	0.00 - 1.00

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