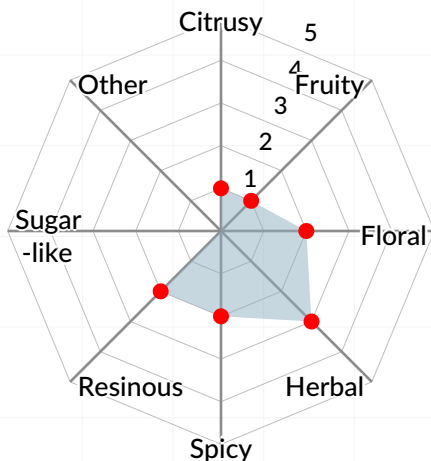


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

herbal, spicy, rose

GENETIC ORIGIN

A triploid seedling of the German Hallertau variety.

HOPS HOTLINE
800.339.8710

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	1,200 - 2,000
Maturity	Medium Early
Main Growing Country	USA
Acreage (ha)	88

RESISTANCE AGAINST DISEASES

Downy mildew	Tolerant
Powdery mildew	Susceptible

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	3.5 - 6.5
Beta-Acid %	3.0 - 4.0
Co-Humulone % rel.	24 - 28

POLYPHENOLS

Xanthohumol (EBC 7.7)	0.2 - 0.3
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AROMA COMPONENTS

Total Oils (ml/100g)	0.7 - 1.2
Beta-Caryophyllene: Humulene	0.30
Farnesene % of total Oil	0.00 - 1.00