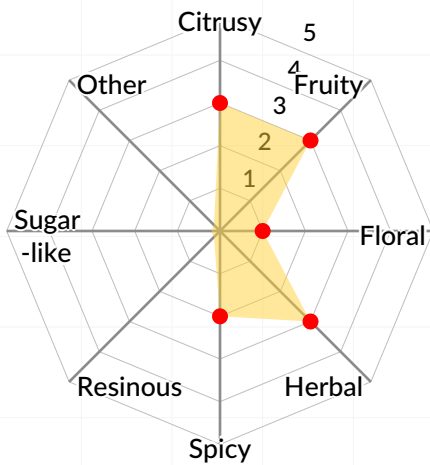


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

fruity, citrusy, herbal

GENETIC ORIGIN

Open pollinated of a Fuggle seedling, itself derived from crosses between Fuggle and the Russian hop Serebrianka.

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	1,600 - 2,200
Yield (lbs/acre)	1,400 - 2,000
Maturity	Medium Early
Main Growing Country	USA
Acreage (ha)	2896

RESISTANCE AGAINST DISEASES

Downy mildew	Tolerant
Powdery mildew	Tolerant

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	4.5 - 7.0
Beta-Acid %	4.5 - 7.0
Co-Humulone % rel.	33 - 40
Hard Resins : Alpha-Acid	0.27 - 0.56

POLYPHENOLS

Xanthohumol (EBC 7.7)	0.1 - 0.4
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AROMA COMPONENTS

Total Oils (ml/100g)	0.8 - 1.5
Beta-Caryophyllene: Humulene	0.32
Farnesene % of total Oil	4.00 - 8.00
Linalool % of total Oil	0.4 - 0.6
Linalool: Alpha-Acid	0.09 - 0.10

HOP ALTERNATIVES

BREWHOUSE

Centennial, Lemondrop

DRY HOPPING

Centennial, Lemondrop

HOPS HOTLINE
800.339.8710