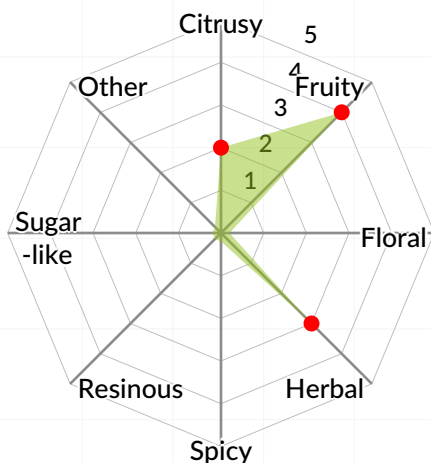


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

tropical fruit, lemon, grass, tea

GENETIC ORIGIN

A cross between a selected, Hallertauer daughter and a USDA selected, German aroma male; a triploid hop, similar to Hallertauer Mittelfrueh.

HOPS HOTLINE
800.339.8710

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	1,500 - 1,650
Maturity	Early
Main Growing Country	USA
Acreage (ha)	34

RESISTANCE AGAINST DISEASES

Downy mildew	Tolerant
Powdery mildew	Tolerant

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	4.0 - 6.0
Beta-Acid %	5.0 - 7.5
Co-Humulone % rel.	14 - 16
Hard Resins : Alpha-Acid	0.35 - 0.46

POLYPHENOLES

Xanthohumol (EBC 7.7)	0.4 - 0.5
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AROMA COMPONENTS

Total Oils (ml/100g)	0.8 - 1.2
Beta-Caryophyllene: Humulene	> 0.28
Farnesene % of total Oil	0.00 - 1.00