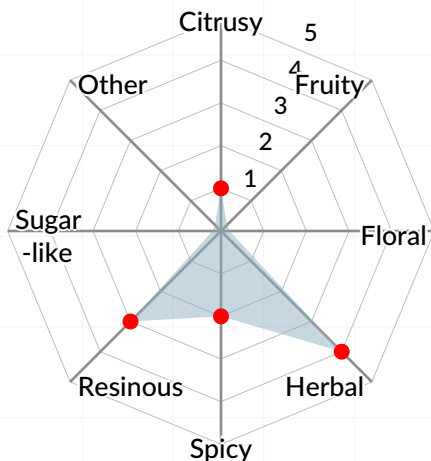


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

grass, pine, citrusy

GENETIC ORIGIN

A triploid Hallertau Mittelfrueh x (Cascade x USDA 65009-64034M). Half-sister of Mt. Hood, Liberty and Ultra.

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	2,100 - 2,500
Yield (lbs/acre)	1,900 - 2,200
Maturity	Medium to Late
Main Growing Country	USA
Acreage (ha)	300

RESISTANCE AGAINST DISEASES

Downy mildew	Susceptible
Powdery mildew	Susceptible

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	2.5 - 4.0
Beta-Acid %	4.0 - 6.5
Co-Humulone % rel.	19 - 23

POLYPHENOLS

Xanthohumol (EBC 7.7)	0.1 - 0.3
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AROMA COMPONENTS

Total Oils (ml/100g)	0.8 - 1.8
Beta-Caryophyllene: Humulene	> 0.29
Farnesene % of total Oil	0.00 - 1.00
Linalool % of total Oil	0.6 - 0.8
Linalool: Alpha-Acid	0.20 - 0.24

HOP ALTERNATIVES

BREWHOUSE

Mount Hood, Hallertauer Mittelfrueh, Strisselspalter

DRY HOPPING

Mount Hood, Hallertauer Mittelfrueh, Strisselspalter

HOPS HOTLINE
800.339.8710