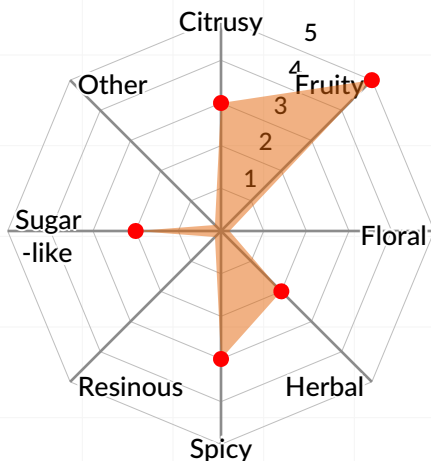


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

Tropical fruits, mango, passion fruit

GENETIC ORIGIN

Cascade x Hopsteiner male

HOPS HOTLINE
800.339.8710

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	2,800 - 3,300
Maturity	Late
Main Growing Country	Germany

RESISTANCE AGAINST DISEASES

Downy mildew	Tolerant
Powdery mildew	Tolerant

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	9.0 - 10.0
Beta-Acid %	5.0 - 6.0
Co-Humulone % rel.	35 - 45
Hard Resins : Alpha-Acid	1.20 - 1.40

POLYPHENOLS

Total Polyphenoles	5.0 - 6.0
Xanthohumol (EBC 7.7)	0.7 - 0.8

AROMA COMPONENTS

Total Oils (ml/100g)	1.5 - 2.0
Beta-Caryophyllene: Humulene	0.80 - 0.90
Linalool % of total Oil	0.2 - 0.5
Linalool: Alpha-Acid	0.03 - 0.05