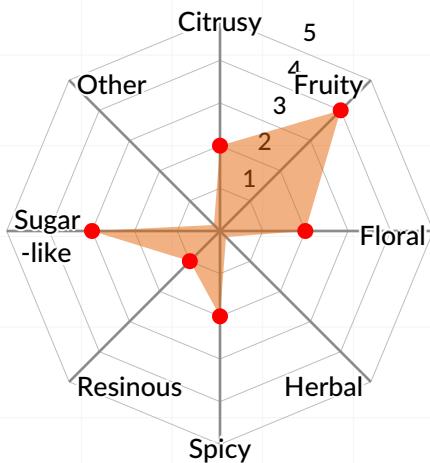


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

melon, tropical fruit, orange, vanilla

GENETIC ORIGIN

Cascade x Huell male

AGRONOMIC ASPECTS

GROWING

Maturity	Late
Main Growing Country	Germany
Acreage (ha)	101

RESISTANCE AGAINST DISEASES

Wilt diseases	Tolerant
Downy mildew	Resistant
Powdery mildew	Resistant
Aphid	Tolerant

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	6.9 - 7.5
Beta-Acid %	6.0 - 9.0
Co-Humulone % rel.	25 - 30
Hard Resins : Alpha-Acid	0.30 - 0.48

POLYPHENOLES

Total Polyphenoles	3.1
Xanthohumol (EBC 7.7)	0.2 - 0.7

AROMA COMPONENTS

Total Oils (ml/100g)	0.5 - 0.8
Beta-Caryophyllene: Humulene	0.50 - 1.28
Farnesene % of total Oil	0.00 - 19.80
Linalool % of total Oil	0.4 - 0.7
Linalool: Alpha-Acid	0.06 - 0.09

HOP ALTERNATIVES

DRY HOPPING

Calypso

HOPS HOTLINE
800.339.8710