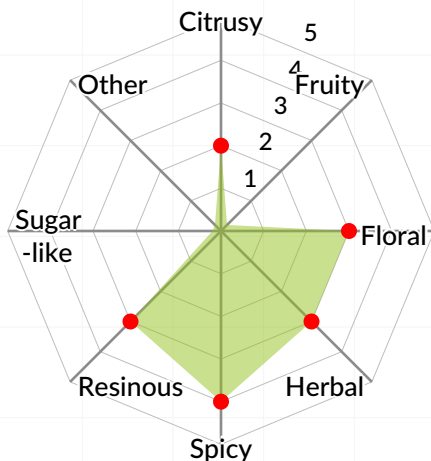


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

tea, lemon, floral

GENETIC ORIGIN

A landrace aroma variety thought to have been bred from a Saaz selection; grown in the area of Poland of the same name.

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	1,000 - 1,400
Maturity	Early
Main Growing Country	Poland

RESISTANCE AGAINST DISEASES

Downy mildew	Tolerant
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CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	3.0 - 4.5
Beta-Acid %	2.5 - 3.5
Co-Humulone % rel.	25 - 30
Hard Resins : Alpha-Acid	0.34 - 1.37

POLYPHENOLES

Xanthohumol (EBC 7.7)	0.2 - 0.3
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AROMA COMPONENTS

Total Oils (ml/100g)	0.7 - 1.2
Beta-Caryophyllene: Humulene	0.30
Farnesene % of total Oil	10.00 - 12.00

HOP ALTERNATIVES

BREWHOUSE

Tettnanger, Spalter, Saazer

DRY HOPPING

Tettnanger, Spalter, Saazer

HOPS HOTLINE
800.339.8710