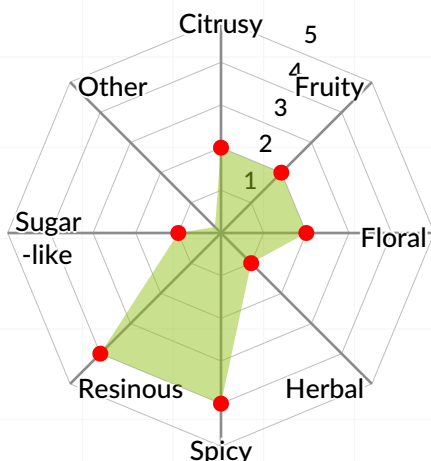


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

grass, resinous, lemon

GENETIC ORIGIN

A landrace variety originating in the Czech Republic.

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	900 - 1,100
Maturity	Medium Early
Main Growing Country	Czech Republic
Acreage (ha)	4190

RESISTANCE AGAINST DISEASES

Wilt diseases	Resistant
Downy mildew	Tolerant
Powdery mildew	Tolerant

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	2.8 - 3.5
Beta-Acid %	3.0 - 5.0
Co-Humulone % rel.	24 - 26
Hard Resins : Alpha-Acid	0.29 - 1.12

POLYPHENOLES

Total Polyphenoles	> 5.5
Xanthohumol (EBC 7.7)	0.2 - 0.4

AROMA COMPONENTS

Total Oils (ml/100g)	0.3 - 0.7
Beta-Caryophyllene: Humulene	0.28 - 0.40
Farnesene % of total Oil	14.00 - 22.00
Linalool % of total Oil	0.3 - 0.5
Linalool: Alpha-Acid	0.11 - 0.14

HOP ALTERNATIVES

BREWHOUSE

Tettnanger, Spalter, Lubelski (Lublin)

DRY HOPPING

Tettnanger, Spalter, Lubelski (Lublin)

HOPS HOTLINE
800.339.8710