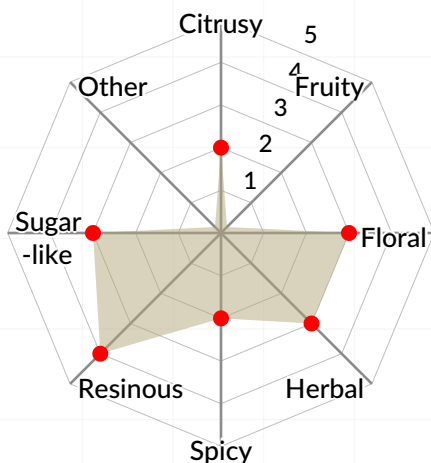


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

herbal, floral, citrusy, tangerine

GENETIC ORIGIN

Released by Wye College in 1972 it is a 'cousin' of Challenger but with powdery mildew resistance.

HOPS HOTLINE
800.339.8710

AGRONOMIC ASPECTS

GROWING

Yield (kg/ha)	1,650 - 1,850
Maturity	Late
Main Growing Country	UK

RESISTANCE AGAINST DISEASES

Wilt diseases	Resistant
Downy mildew	Susceptible
Powdery mildew	Resistant

CHEMICAL INGREDIENTS

BITTER COMPONENTS

Alpha-Acid %	8.0 - 13.0
Beta-Acid %	4.5 - 5.5
Co-Humulone % rel.	35 - 37
Hard Resins : Alpha-Acid	0.29 - 0.76

POLYPHENOLES

Total Polyphenoles	> 4.8
Xanthohumol (EBC 7.7)	0.5 - 0.6

AROMA COMPONENTS

Total Oils (ml/100g)	1.2 - 1.4
Beta-Caryophyllene: Humulene	> 0.50
Farnesene % of total Oil	0.00 - 1.00