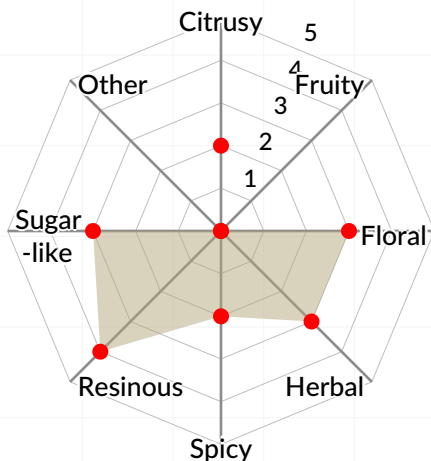


## AROMA EVALUATION



## 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	Germany

### 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