

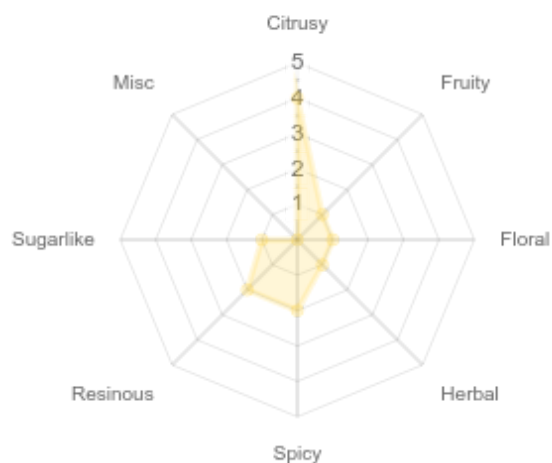


## MANDARINA BAVARIA

Citrusy

**Genetic Origin:** Cascade x Huell male breeding line (94/045/001 x wild PM resistant male)

### AROMA EVALUATION



Rated by the smell of raw hops on a 0 - 5 scale

### AROMA DESCRIPTION

Tangerine, grapefruit, bubblegum

### AGRONOMIC ASPECTS

#### GROWING

Yield (kg/ ha)	2000 - 2500
Maturity	late
Acreage (ha)	356
Main growing country	Germany

#### RESISTANCE

##### AGAINST DISEASES

Wilt disease	tolerant
Downey mildew	resistant
Powdery mildew	resistant
Aphid	tolerant

### INGREDIENTS

#### BITTER COMPONENTS

Alpha acids %	7.0 - 10.0
Beta acids %	4.0 - 7.0
Co-humulone % rel.	31 - 35

#### POLYPHENOLS

Total polyphenols %	5.7
Xanthohumol %	0.4 - 0.8

#### AROMA COMPONENTS

Total oil (ml/100g)	1.1 - 2.1
Farnesene % rel. of total oil	0.01 - 0.04
Linalool % rel. of total oil	0.1 - 0.6

### SUBSTITUTES

#### BREWHOUSE

Cascade Lemondrop® Perle  
Hallertauer Tradition

#### DRY HOPPING

Lemondrop®