

MANDARINA BAVARIA

VARIETY INFORMATION



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

Agronomic Aspects

Growing	
Classification	Aroma
Yield (kg/ha)	2,000 - 2,500
Maturity	Late
Main growing country	Germany
Acreage (ha)	356
Resistance against Diseases	
Wilt diseases	Tolerant
Downy mildew	Resistant
Powdery mildew	Resistant
Aphid	Tolerant

Chemical Ingredients

Bitter Components	
Alpha acid %	7.0 - 10.0
Beta acid %	4.0 - 7.0
Cohumulone % rel.	31 - 35
Hard resins : alpha acid	0.21 - 0.33
Polyphenoles	
Total polyphenoles	5.7
Xanthohumol	0.4 - 0.8
Aroma Components	
Total oils (ml/100g)	1.1 - 2.1
Beta-caryophyllene: Humulene	0.28 - 0.31
Farnesene % of total oil	0.1 - 3.3
Linalool % of total oil	0.1 - 0.6
Linalool : Alpha acid	0.01 - 0.04

Aroma Evaluation (Smell of Raw Hops, 0-5)

Aroma Specification	Tangerine, grapefruit, lime, bubble gum				
Fruity	■	■	■	■	■
Floral	■				
Citrusy	■	■	■	■	■
Spicy	■	■			
Earthy / resinous	■	■			
Herbal	■				
Sugar-like	■				

Substitutes

Brewhouse	Dry Hopping
Perle, Hallertauer Tradition, Lemondrop	Lemondrop

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COMMITTED TO THE BREWER