

PERLE

VARIETY INFORMATION



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Gentic Origin	
A German variety bred in Huell resulting from a cross between Northern Brewer and 63/5/27M.	

Agronomic Aspects	
Growing	
Classification	Aroma
Yield (kg/ha)	1,550 - 1,950
Maturity	Medium to Late
Main Growing Country	Germany
Acreage (ha)	3187
Resistance against Diseases	
Wilt diseases	Resistant
Downy mildew	Resistant
Powdery mildew	Susceptible
Aphid	Susceptible

Chemical Ingredients	
Bitter Components	
Alpha-Acid %	4 - 9
Beta-Acid %	2.5 - 4.5
Co-Humulone % rel.	29 - 35
Hard Resins : Alpha-Acid	0.15 - 0.7
Polyphenoles	
Total Polyphenoles	4.1
Xanthohumol (EBC 7.7)	0.4 - 0.5
Aroma Components	
Total Oils (ml/100g)	0.5 - 1.3
Beta-Caryophyllen: Humulene	0.3 - 0.33
Farnesen % of total Oil	< 1
Linalool % of total Oil	0.2 - 0.6
Linalool: Alpha-Acid	0.05 - 0.07

Aroma Evaluation (Smell of Raw Hops, 0-5)					
Aroma Specification	tea, hoppy, spicy, green fruit, pepper				
Fruity					
Floral					
Citrusy					
Spicy					
Earthy / Resinous					
Herbal					
Sugar-like					

Substitutes	
Brewhouse	Dry Hopping
Hallertauer Tradition, Nothern Brewer, Aurora	Nothern Brewer, Aurora, Spalter Select

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