

SOVEREIGN

VARIETY INFORMATION



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Genetic Origin

Dwarf variety recently developed at Wye Hops Ltd. by Peter Darby; noticeable for its very high ratio of cones to leaf at harvest.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,500 - 1,750
Maturity	Medium to Late
Main growing country	UK

Resistance against Diseases

Downy mildew	Tolerant
Powdery mildew	Tolerant

Chemical Ingredients

Bitter Components

Alpha acid %	5.0 - 6.0
Beta acid %	2.2 - 2.4
Cohumulone % rel.	27 - 29
Hard resins : alpha acid	0.33 - 0.59

Polyphenoles

Xanthohumol	0.2 - 0.4
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Aroma Components

Total oils (ml/100g)	0.6 - 0.8
Beta-caryophyllene: Humulene	0.40
Farnesene % of total oil	3.4 - 3.8
Linalool % of total oil	0.4 - 0.7
Linalool : Alpha acid	0.08 - 0.12

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

Aroma Specification	fruity, pear, sweet
Fruity	<div style="width: 100%; height: 10px; background-color: #FFD700;"></div>
Floral	<div style="width: 0%; height: 10px; background-color: #FFD700;"></div>
Citrusy	<div style="width: 25%; height: 10px; background-color: #FFD700;"></div>
Spicy	<div style="width: 50%; height: 10px; background-color: #FFD700;"></div>
Earthy / resinous	<div style="width: 25%; height: 10px; background-color: #FFD700;"></div>
Herbal	<div style="width: 50%; height: 10px; background-color: #FFD700;"></div>
Sugar-like	<div style="width: 50%; height: 10px; background-color: #FFD700;"></div>

Substitutes

Brewhouse	Dry Hopping
Fuggle	Fuggle

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COMMITTED TO THE BREWER