

DELTA

VARIETY INFORMATION



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Genetic Origin

A diploid aroma-type hop, originated from a cross between Fuggle and a male derived from Cascade.

Agronomic Aspects

Growing

Classification	Aroma
Yield (kg/ha)	1,600 - 2,000
Maturity	Medium Early
Main growing country	USA

Resistance against Diseases

Downy mildew	Tolerant
Powdery mildew	Susceptible

Chemical Ingredients

Bitter Components

Alpha acid %	5.5 - 7.0
Beta acid %	5.5 - 7.0
Cohumulone % rel.	22 - 24
Hard resins : alpha acid	0.32 - 0.50

Polyphenoles

Total polyphenoles	0.4 - 0.6
Xanthohumol	0.4 - 0.6

Aroma Components

Total oils (ml/100g)	0.5 - 1.1
Beta-caryophyllene: Humulene	0.34
Farnesene % of total oil	<1 0
Linalool % of total oil	0.8 - 1.2
Linalool : Alpha acid	0.15 - 0.17

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

Aroma Specification	Spicy, Earthy, Ginger, Citrusy				
Fruity	■	■			
Floral	■				
Citrusy	■	■	■		
Spicy	■	■	■	■	
Earthy / resinous	■	■			
Herbal	■	■			
Sugar-like					

Substitutes

Brewhouse	Dry Hopping
Fuggle, Willamette	Fuggle, Willamette

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COMMITTED TO THE BREWER