

GLACIER

VARIETY INFORMATION



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Genetic Origin

Cross between Elsasser F and 8685-014 M. Genetic composition is 1/2 Elsasser 5/32 Brewer's Gold, 1/8 Northern Brewer, 1/16 Bullion, 1/32 Early Green, 1/32 German Aroma hop, 1/64 East Kent Golding, 1/128 Bavarian and 9/128 unknown.

Agronomic Aspects

Growing	
Classification	High Alpha
Yield (kg/ha)	2,300 - 0
Maturity	Medium Early
Main growing country	USA
Acreage (ha)	60
Resistance against Diseases	
Downy mildew	Susceptible
Powdery mildew	Susceptible

Chemical Ingredients

Bitter Components	
Alpha acid %	3.3 - 9.7
Beta acid %	5.4 - 9.5
Cohumulone % rel.	11 - 13
Hard resins : alpha acid	0.22 - 0.50
Polyphenoles	
Xanthohumol	0.2 - 0.3
Aroma Components	
Total oils (ml/100g)	0.7 - 1.6
Beta-caryophyllene: Humulene	0.28
Farnesene % of total oil	0.0 - 1.0

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

Aroma Specification	grass, cedar, fruity				
Fruity	■	■			
Floral	■				
Citrusy	■	■			
Spicy					
Earthy / resinous	■				
Herbal	■	■	■		
Sugar-like					

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