

# HORIZON

## VARIETY INFORMATION



[www.hopsteiner.com](http://www.hopsteiner.com)

### Genetic Origin

Released in 1998 from a cross between a selected high alpha-acid and high beta-acid USDA female and a selected USDA German aroma male.

### Agronomic Aspects

#### Growing

Classification	Aroma
Yield (kg/ha)	1,350 - 1,700
Maturity	Medium to Late
Main growing country	USA

#### Resistance against Diseases

Downy mildew	Susceptible
Powdery mildew	Susceptible

### Chemical Ingredients

#### Bitter Components

Alpha acid %	10.0 - 14.0
Beta acid %	6.0 - 8.5
Cohumulone % rel.	18 - 20

#### Polyphenoles

Xanthohumol	0.3 - 0.4
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#### Aroma Components

Total oils (ml/100g)	1.5 - 2.5
Beta-caryophyllene: Humulene	0.72
Farnesene % of total oil	2.0 - 3.0
Linalool % of total oil	1.1 - 1.3
Linalool : Alpha acid	0.09 - 0.11

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

Aroma Specification	floral, citrusy, spicy				
Fruity	■				
Floral	■	■	■		
Citrusy	■	■			
Spicy	■	■			
Earthy / resinous	■				
Herbal	■				
Sugar-like					

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