

HALLERTAUER NUGGET

VARIETY INFORMATION



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Genetic Origin

Selected from a cross between Brewers Gold and a high alpha acid male with good storage properties; released in 1982.

Agronomic Aspects

Growing

| | |
|----------------------|---------------|
| Classification | High Alpha |
| Yield (kg/ha) | 1,900 - 2,300 |
| Maturity | Very Late |
| Main growing country | Germany |
| Acreage (ha) | 4,880 |

Resistance against Diseases

| | |
|----------------|-------------|
| Wilt diseases | Susceptible |
| Downy mildew | Susceptible |
| Powdery mildew | Susceptible |
| Aphid | Susceptible |

Chemical Ingredients

Bitter Components

| | |
|--------------------------|-----------|
| Alpha acid % | 9.0 - 3.0 |
| Beta acid % | 3.0 - 5.0 |
| Cohumulone % rel. | 24 - 30 |
| Hard resins : alpha acid | 0.16 |

Polyphenoles

| | |
|--------------------|-----------|
| Total polyphenoles | 3.4 |
| Xanthohumol | 0.5 - 0.7 |

Aroma Components

| | |
|------------------------------|-------------|
| Total oils (ml/100g) | 0.8 - 1.5 |
| Beta-caryophyllene: Humulene | 0.4 |
| Linalool % of total oil | 0.5 - 1.0 |
| Linalool : Alpha acid | 0.06 - 0.08 |

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

| Aroma Specification | fruity, sugar-like, mint, pineapple | | | |
|---------------------|-------------------------------------|---|---|---|
| Fruity | ■ | ■ | ■ | ■ |
| Floral | ■ | ■ | ■ | ■ |
| Citrusy | ■ | ■ | ■ | ■ |
| Spicy | ■ | ■ | ■ | ■ |
| Earthy / resinous | ■ | ■ | ■ | ■ |
| Herbal | ■ | ■ | ■ | ■ |
| Sugar-like | ■ | ■ | ■ | ■ |

Substitutes

| Brewhouse | Dry Hopping |
|------------------------|------------------------|
| Perle, Northern Brewer | Perle, Northern Brewer |

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COMMITTED TO THE BREWER