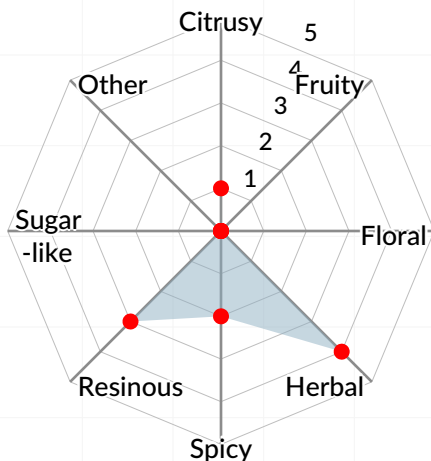


AROMA EVALUATION



AROMA SPECIFICATION

grass, pine, citrusy

GENETIC ORIGIN

A triploid Hallertau Mittelfrueh x (Cascade x USDA 65009-64034M). Half-sister of Mt. Hood, Liberty and Ultra.

AGRONOMIC ASPECTS

GROWING

| | |
|----------------------|----------------|
| Yield (kg/ha) | 2,100 - 2,500 |
| Yield (lbs/acre) | 1,900 - 2,200 |
| Maturity | Medium to Late |
| Main Growing Country | USA |
| Acreage (ha) | 300 |

RESISTANCE AGAINST DISEASES

| | |
|----------------|-------------|
| Downy mildew | Susceptible |
| Powdery mildew | Susceptible |

CHEMICAL INGREDIENTS

BITTER COMPONENTS

| | |
|--------------------|-----------|
| Alpha-Acid % | 2.5 - 4.0 |
| Beta-Acid % | 4.0 - 6.5 |
| Co-Humulone % rel. | 19 - 23 |

POLYPHENOLS

| | |
|-----------------------|-----------|
| Xanthohumol (EBC 7.7) | 0.1 - 0.3 |
|-----------------------|-----------|

AROMA COMPONENTS

| | |
|------------------------------|-------------|
| Total Oils (ml/100g) | 0.8 - 1.8 |
| Beta-Caryophyllene: Humulene | 0.29 |
| Farnesene % of total Oil | 0.00 - 1.00 |
| Linalool % of total Oil | 0.6 - 0.8 |
| Linalool: Alpha-Acid | 0.20 - 0.24 |

VISUAL EVALUATION



HOP ALTERNATIVES

BREWHOUSE

Mount Hood, Hallertauer Mittelfrueh, Strisselspalter

DRY HOPPING

Mount Hood, Hallertauer Mittelfrueh, Strisselspalter

HOPS HOTLINE
800.339.8710