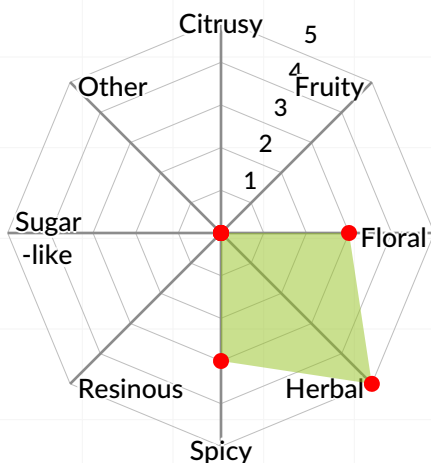


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

Floral, Tea, Tobacco, Pepper

GENETIC ORIGIN

A diploid seedling of the Czech Saaz variety; released in 1998.

HOPS HOTLINE
800.339.8710

AGRONOMIC ASPECTS

GROWING

| | |
|----------------------|---------------|
| Yield (kg/ha) | 1,550 - 1,650 |
| Maturity | Medium Early |
| Main Growing Country | USA |
| Acreage (ha) | 92 |

RESISTANCE AGAINST DISEASES

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

CHEMICAL INGREDIENTS

BITTER COMPONENTS

| | |
|--------------------------|-------------|
| Alpha-Acid % | 4.0 - 6.0 |
| Beta-Acid % | 5.0 - 6.0 |
| Co-Humulone % rel. | 21 - 23 |
| Hard Resins : Alpha-Acid | 0.26 - 0.53 |

POLYPHENOLES

| | |
|-----------------------|-----------|
| Xanthohumol (EBC 7.7) | 0.2 - 0.3 |
|-----------------------|-----------|

AROMA COMPONENTS

| | |
|------------------------------|---------------|
| Total Oils (ml/100g) | 0.8 - 1.2 |
| Beta-Caryophyllene: Humulene | 0.33 |
| Farnesene % of total Oil | 13.00 - 15.00 |
| Linalool % of total Oil | 0.7 - 0.9 |
| Linalool: Alpha-Acid | 0.15 - 0.18 |