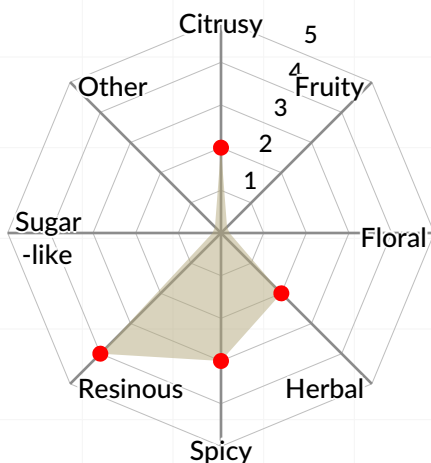


AROMA EVALUATION



VISUAL EVALUATION



AROMA SPECIFICATION

mild, grassy, mint, earthy

GENETIC ORIGIN

Seedling selected in 1875 in England.

AGRONOMIC ASPECTS

GROWING

| | |
|----------------------|---------------|
| Yield (kg/ha) | 1,200 - 1,400 |
| Yield (lbs/acre) | 1,100 - 1,200 |
| Maturity | Early |
| Main Growing Country | UK |
| Acreage (ha) | 42 |

RESISTANCE AGAINST DISEASES

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

CHEMICAL INGREDIENTS

BITTER COMPONENTS

| | |
|--------------------------|-------------|
| Alpha-Acid % | 3.0 - 6.0 |
| Beta-Acid % | 2.0 - 3.0 |
| Co-Humulone % rel. | 30 - 33 |
| Hard Resins : Alpha-Acid | 0.35 - 0.53 |

POLYPHENOLS

| | |
|-----------------------|-----------|
| Total Polyphenoles | 2.6 |
| Xanthohumol (EBC 7.7) | 0.1 - 0.3 |

AROMA COMPONENTS

| | |
|------------------------------|-------------|
| Total Oils (ml/100g) | 0.7 - 1.2 |
| Beta-Caryophyllene: Humulene | 0.30 |
| Farnesene % of total Oil | 5.00 - 6.00 |

HOP ALTERNATIVES

BREWHOUSE

Styrian Golding (Celeia), Willamette

DRY HOPPING

Progress, Sovereign

HOPS HOTLINE
800.339.8710