



- ❖ **Hop Variety:** *Cluster*
- ❖ **Origin:** Not known but possibly the result of a cross between an English variety and an American male hop.
- ❖ **Maturity:** Early to late
- ❖ **Yield:** 1900 - 2400 kgs/ha (1600-2100 lbs/acre)
- ❖ **Disease Reaction:** Very susceptible to downy mildew. Moderate to very sensitive to powdery mildew. Not seriously affected by prunus necrotic ring-spot virus.
- ❖ **Cone Structure:** Medium compact cone
- ❖ **Quality:**
- **Aroma** Medium and quite spicy
 - **Storage Stability** 80 - 85 %
- ❖ **HPLC Data:**
- **Alpha-Acids** 5.0 – 8.5 % w/w
 - **Cohumulone** 36 – 42 % of alpha acids
 - **Beta-Acids** 4.5 – 5.5 % w/w
 - **Xanthohumol** Typically 0.39% w/w
- ❖ **Hop Oils:**
- **Total Oil** 0.4 – 1.0 % v/w
of which typically:
 - **Myrcene** 45 - 55 %
 - **Humulene** 15.0 – 18.0 %
 - **Caryophyllene** 6.0 – 7.0 %
 - **Farnesene** <1 %
 - **Linalool** 0.4 %
- ❖ **Brewing Character:** An excellent general purpose hop with well accepted bitterness and aroma.

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