



- ❖ **Hop Variety:** ***Herald***
- ❖ **Origin:** A Wilt tolerant **dwarf** variety bred at Wye College and released for commercial planting in the mid 1990's; still becoming established amongst English growers.
- ❖ **Maturity:** Early season
- ❖ **Yield:** Estimated at around 1400 kgs/ha (1235 lbs/acre)
- ❖ **Disease Reaction:** Highly tolerant to wilt; resistant to powdery mildew and moderately resistant to downy mildew
- ❖ **Cone Structure:** Large, heavy cones
- ❖ **Quality:**
- **Aroma** Strong, acceptable
 - **Storage Stability** Good (provisionally)
- ❖ **HPLC Data:**
- **Alpha-Acids** 11.0 – 13.0% w/w
 - **Cohumulone** 35 – 37% of alpha-acids
 - **Beta-Acids** 4.8 – 5.5% w/w
 - **Xanthohumol** n/a
- ❖ **Hop Oils:**
- **Total Oil** 1.0 – 1.9% v/w
of which typically:
 - **Myrcene** 40.0%
 - **Humulene** 15.0%
 - **Caryophyllene** 7.0%
 - **Farnesene** 0.1%
 - **Linalool** N/A
- ❖ **Brewing Character:** Brewing trials have shown this variety to give a pleasant, balanced bitterness; potentially a cost-effective substitute for existing 'dual purpose' varieties.

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