



- ❖ **Hop Variety:** ***Hallertauer Nugget***
- ❖ **Origin:** A cross between Brewers Gold and Golding first developed in the USA
- ❖ **Maturity:** Very late
- ❖ **Yield:** 1900 – 2300 kgs/ha (1675 – 2028 lbs/acre)
- ❖ **Disease Reaction:** Low resistance to wilt; average to low resistance to downy mildew; low resistance to powdery mildew
- ❖ **Cone Structure:** Medium size
- ❖ **Quality:**
- **Aroma** Strong, heavy and herbal, fruity, spicy
  - **Storage Stability** Good
- ❖ **HPLC Data:**
- **Alpha-Acids** 9 – 13 % w/w
  - **Cohumulone** 24 – 30 % of alpha acids
  - **Beta-Acids** 3 – 5 % w/w
  - **Xanthohumol** 0.5 – 0.7 % w/w
- ❖ **Hop Oils:**
- **Total Oil** 0.8 – 1.5 % v/w  
*of which typically:*
  - **Myrcene** 27 – 42 %
  - **Humulene** 25 – 40 %
  - **Caryophyllene** 10 – 20 %
  - **Farnesene** < 1 %
  - **Linalool** 0.5 – 1.0 %

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