



- ❖ **Hop Variety:** ***Hallertauer Magnum***
- ❖ **Origin:** A Galena cross originating in Germany
- ❖ **Maturity:** Late
- ❖ **Yield:** 1700 – 2100 kgs/ha (1500-1852 lbs/acre)
- ❖ **Disease Reaction:** Good resistance to wilt and to peronospora; low resistance to powdery mildew
- ❖ **Cone Structure:** Very large, longish size
- ❖ **Quality:**
- **Aroma** Strong
 - **Storage Stability** Good
- ❖ **HPLC Data:**
- **Alpha-Acids** 12.0 – 15.0 % w/w
 - **Cohumulone** 24 - 25 % of alpha acids
 - **Beta-Acids** 4.9 % w/w
 - **Xanthohumol** Typically 0.45% w/w
- ❖ **Hop Oils:**
- **Total Oil** 2.0 % v/w
of which typically:
 - **Myrcene** 31.2 %
 - **Humulene** 36.0 %
 - **Caryophyllene** 10.4 %
 - **Farnesene** 0.1 %
- ❖ **Brewing Character:** Originally bred in Hüll with very high bitter value and good bitter quality.

VDS 16/01 issued 31-May-01