



- ❖ **Hop Variety:** ***Willamette***
- ❖ **Origin:** A triploid seedling of the English Fuggle variety.
- ❖ **Maturity:** Early to mid-season
- ❖ **Yield:** 1500 - 1900 kgs/ha (1300-1700 lbs/acre)
- ❖ **Disease Reaction:** No visible reaction to prunus necrotic ring spot virus; fair resistance to downy mildew and powdery mildew but susceptible to *Verticillium* wilt.
- ❖ **Cone Structure:** Small to medium sized, round and fairly light
- ❖ **Quality:**
- **Aroma** Mild and pleasant, slightly spicy
 - **Storage Stability** 60 – 65 %
- ❖ **HPLC Data:**
- **Alpha-Acids** 4.5 – 7.0 % w/w
 - **Cohumulone** 30 - 35 % of alpha acids
 - **Beta-Acids** 3.0 – 4.0 % w/w
 - **Xanthohumol** 0.29% w/w
- ❖ **Hop Oils:**
- **Total Oil** 1.0 – 1.5 % v/w
of which typically:
 - **Myrcene** 45.0 – 55.0 %
 - **Humulene** 20.0 – 30.0 %
 - **Caryophyllene** 7.0 – 8.0 %
 - **Farnesene** 5.0 – 6.0 %
 - **Linalool** 0.5 %
- ❖ **Brewing Character:** Provides a mild, pleasant, hop aroma and bitterness to beer.

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