



- ❖ **Hop Variety:** ***Delta*** (*Hopsteiner 04188*)
- ❖ **Origin:** A diploid aroma-type hop, originated from a cross between Fuggle and a male derived from Cascade.
- ❖ **Maturity:** Early to mid-season
- ❖ **Yield:** 1,600 – 2,000kgs/ha (1,400 – 1,800 lbs/acre)
- ❖ **Disease Reaction:** Good crown & cone tolerance to downy mildew, resistant to strains of powdery mildew found in the Yakima Valley.
- ❖ **Cone Structure:** Medium sized, fairly light.
- ❖ **Quality:**
  - **Aroma** Mild and pleasant, slightly spicy, hint of citrus
  - **Storage Stability** 80 – 90%
- ❖ **HPLC Data:**
  - **Alpha-Acids** 5.5 – 7.0 % w/w
  - **Cohumulone** 22 – 24 % of alpha acids
  - **Beta-Acids** 5.5 – 7.0 % w/w
  - **Xanthohumol** 0.5 % w/w
- ❖ **Hop Oils:**
  - **Total Oil** 0.5 – 1.1 % v/w  
*of which typically:*
  - **Myrcene** 25.0 – 40.0 %
  - **Humulene** 30.0 – 40.0 %
  - **Caryophyllene** 9.0 – 15.0 %
  - **Farnesene** < 1.0 %
  - **Linalool** 0.8 – 1.2 %

VDS 80/01 issued 5/2010