



- ❖ **Hop Variety:** ***NZ Pacific Gem***
- ❖ **Origin:** A Smoothcone X Early Male cross developed at the DSIR Research Station; a triploid, high alpha variety released in 1987.
- ❖ **Maturity:** Early-mid season
- ❖ **Yield:** 2700 kgs/ha (2380 lbs/acre)
- ❖ **Disease Reaction:** As no real disease problems in NZ, resistance is not defined
- ❖ **Cone Structure:** Medium-dense clusters
- ❖ **Quality:**
- **Aroma** Pleasant, blackberry aroma
 - **Storage Stability** Very good
- ❖ **HPLC Data:**
- **Alpha-Acids** 14.0 – 16.0% w/w
 - **Cohumulone** 39% of alpha-acids
 - **Beta-Acids** 8.0 – 8.4% w/w
 - **Xanthohumol** Typically 0.60% w/w
- ❖ **Hop Oils:**
- **Total Oil** 1.4% v/w
of which typically:
 - **Myrcene** 55%
 - **Humulene** 18%
 - **Caryophyllene** 7%
 - **Farnesene** 0.05%
 - **Linalool** N/A
- ❖ **Brewing Character:** Widely used as a bittering hop producing a cask-oak, woody Flavor; distinctive, pleasant aroma.

VDS 104/02 issued 31-January-03