



- ❖ **Hop Variety:** ***NZ Southern Cross***
- ❖ **Origin:** Developed at the DSIR Research Station and released in 1994; triploid variety bred from a cross between a Smoothcone and 53-5-61M.
- ❖ **Maturity:** Early season
- ❖ **Yield:** 2400 kgs/ha (2116 lbs/acre)
- ❖ **Disease Reaction:** As no real disease problems in NZ, resistance is not defined
- ❖ **Cone Structure:** Medium-dense, slightly ovoid
- ❖ **Quality:**
- **Aroma** Spicy, lemony with slight piney and woody notes
  - **Storage Stability** Good
- ❖ **HPLC Data:**
- **Alpha-Acids** 12.0 – 14.5% w/w
  - **Cohumulone** 24% of alpha-acids
  - **Beta-Acids** 6.0 – 6.4% w/w
  - **Xanthohumol** Typically 0.70% w/w
- ❖ **Hop Oils:**
- **Total Oil** 1.2% v/w  
*of which typically:*
  - **Myrcene** 59%
  - **Humulene** 13%
  - **Caryophyllene** 4%
  - **Farnesene** 5%
  - **Linalool** N/A
- ❖ **Brewing Character:** Considered to be a useful 'dual purpose' variety producing a typical "European" flavor from its excellent oil profile and low cohumulone.

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