



Hopco Pty Ltd  
Importers of Quality Hops

## STICKLEBRACT

### Breeding:

The world's first commercial triploid and highest alpha hop developed by Dr Rudi Robrough by open pollination of the New Zealand developed diploid, First Choice. Released in 1972 from the New Zealand Horticultural Research Centre at Riwaka. (Now Plant and Food Research)

### Selection:

Originally selected as a high yielding alpha variety Stickbract later became a dual purpose mainstay of the New Zealand Brewing Industry. Aroma is characterised by citrus and pine needles which this heirloom hop carries into the brewhouse and the finished product,

### Brewers notes:

Stickbract produces quality beers of assertive bitterness while also displaying fine aroma qualities and character achieved from both late and dry hopping additions. Citrus and pine characters make up a large portion of the oils fraction which become quite pronounced at heightened addition rates. This hop works well in big ales or as a background to imperial styles.

### *"A pedigree hop"*

|                         |                    |                                      |
|-------------------------|--------------------|--------------------------------------|
| <b>Grower comments:</b> | Maturity           | Mid-season                           |
|                         | Yield              | Good                                 |
|                         | Growth Habit       | clavate frame, vigorous              |
|                         | Cone Structure     | Prominent bracts, dense, large size. |
|                         | Disease Resistance | New Zealand is hop disease free      |
|                         | Storage Stability  | Good.                                |

### **Technical data:** HPLC and Oil Composition (within six months of harvest stored at 0 °C)

|                        |                                      |
|------------------------|--------------------------------------|
| Alpha Acids            | 12.3%                                |
| Beta Acids             | 6.6%                                 |
| Cohumulone             | 38 % of Alpha Acids                  |
| Total Oil              | 0.8 mls oil per 100 gram cone weight |
| Concentration          | 88 uL Oil/gram Alpha                 |
| Myrcene                | 15.1 %                               |
| Humulene               | 25.5 %                               |
| Caryophyllene          | 12.6%                                |
| Farnasene              | 6.7 %                                |
| Citrus-Piney Fraction  | 18.0%                                |
| Floral Estery Fraction | 4.7%                                 |

**Applications:** Versatile across several styles depending on addition rates but well suited to big ales and imperial beer styles such as stouts and double IPA's.