



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"

Grower comments:	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.