



NELSON SAUVIN™

Varietal: 85-03-06

The Quintessential New Zealand Hop

Breeding:

Nelson Sauvvin™ Brand 85-03-06 is a triploid variety bred from the New Zealand variety "Smoothcone" and a selected New Zealand male. Developed by New Zealand's Plant & Food Research and released in 2000, the essential oil profile displays characteristics of "fresh crushed gooseberries" a descriptor often used for the grape variety Sauvignon Blanc, giving rise to this variety's name.

Selection:

Described during selection as "breathtaking" Nelson Sauvvin has the unique ability to impart a distinctive cool climate white wine "fruitiness". The complexity of the oils profile has seen selectors stretched looking for descriptors to document this unique new world variety.



Grower comments

Maturity	Mid to late season
Yield	Moderate
Growth Habit	Late shooting, vigorous spring growth, clavate frame
Cone Structure	Compact cone, ovate shape
Disease Resistance	New Zealand is hop disease free.
Storage Stability	Good

Technical Data

HPLC & Oil Composition (Measured within 6 months of harvest, stored at 0C)

Alpha Acids	12-13%
Beta Acids	6-8%
Cohumulone	24% of Alpha Acids
Total Oil	1.1 ml oil per 100gm cone weight
Concentration	79 uL Oil/gram Alpha
Mycene	22.2%
Humulene	36.4%
Caryophyllene	10.7%
Farnesene	0.4%
Citrus-Piney Fraction	7.8%
Floral Estery Fraction	2.8%
H/C Ratio	3.6
Other	14%

Brewing:

A hop that may require judicious application in the brew house, this truly unique dual-purpose variety can be used to produce big punchy Ales as well as subtle aroma driven Lagers. The fruitiness may be a little overpowering for the un-initiated, however those with a penchant for bold hop character will find several applications for this true brewer's hop.

Applications:

Very much at home in the new-world styles such as American Pale Ale and IPA's. This hop is considered by some as being extreme and it certainly makes its presence felt in speciality craft and seasonal beers while having gained a considerable international reputation in recent times.

