



Hopco Pty Ltd  
Importers of Quality Hops

## ORBIT

### Breeding:

ORBIT are a blend of hops specially selected out of the New Zealand “Hops with a Difference” breeding programme. Stringent selection processes and long term growing trials can result in some really excellent hops being rejected on agronomic performance or other plant management issues.

### Selection:

These hops are selected on their unique aroma and flavour characteristics as well as their brewing quality. The hops may be grown in very small plots at the New Zealand Plant and Food Research Centre in Riwaka or in larger selected trial gardens across the region.

### Technical Data: HPLC & Oil Composition (Measured within 6 months of harvest, stored at 0 °C)

Alpha Acids	4.0 - 6.0 %
Beta Acids	4.0 - 6.0 %
Cohumulone	25 % of Alpha Acids
Total Oil	1.5 mls oil per 100 gram cone weight
Concentration	220 uL Oil/gram Alpha
Myrcene	33.0 %
Humulene	33.0 %
Caryophyllene	14.0 %
Farnasene	2.0 %
Citrus-Piney Fraction	5.9 %
Floral Estery Fraction	2.8 % (Linalool 1.8 %)

### Applications:

Orbit are not suitable for long term NPD strategy where flavour and aroma consistency are required as they will always have variations due to the make-up of the hops we select. Orbit is however excellent for seasonal or specialty beers where the brewer may be looking for a unique New Zealand signature aroma or flavour twist.