

# HPA-033



Australia

## Aroma & flavour

### Sweet Fruits

Mango



### Citrus

Marmalade



## Breeding

HPA-033 was created by the HPA breeding program in 2003 through a cross pollination of high yielding, high alpha Australian hops with Liberty, a U.S.D.A. breeding program aroma hop.

## Growing

HPA-033 has been producing consistent yields in field trials since 2008.

## Contracting

HPA-033 has been producing consistent flavour impact in brewing trials since 2012, and is being seriously considered for commercialisation pending the direction of future industry trends. Single hectare plots have been established for crop 2024, allowing a limited quantity of pellets to be produced from crop 2025.

## Analytical data

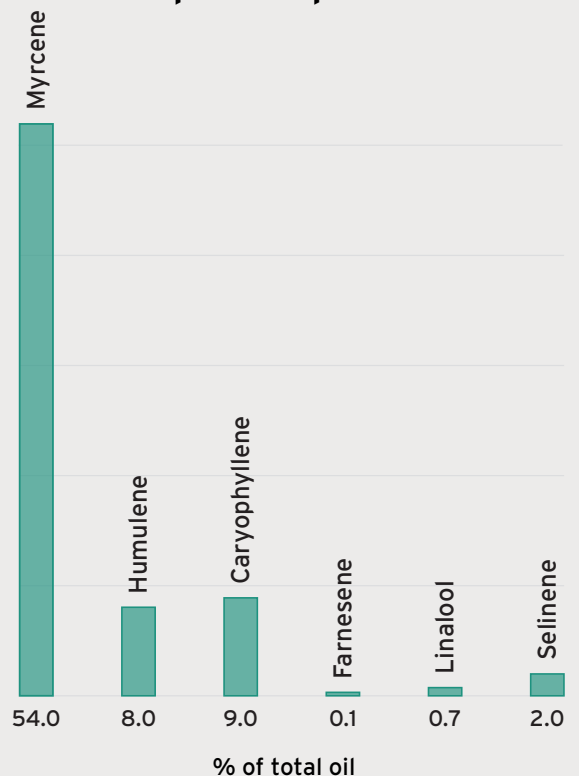
Alpha 14.6 %

Beta 7.5 %

Cohumulone 39.0 % of  $\alpha$ -acids

Total oil 2.5 ml/100g

### Hop oil composition



**Note:** HPA's Next in Bine experimental hops may become unavailable in future years. A very select few will be commercialised based on meeting our agronomic objectives and achieving brewer acceptance.