

HPA-033



ANCESTRY

HPA-033 was created by the HPA breeding program in 2003. It has been producing consistent production volumes in field trials since 2008 and consistent flavour impact in brewing trials since 2012.

Its ancestry is the result of a cross pollination of high yielding, high alpha Australian hops with Liberty, a U.S.D.A. breeding program aroma hop.

FLAVOUR PROFILE

Creamy mango, orange marmalade

ANALYTICAL DATA

Cultivation Area	Australia
Ancestry	High Alpha Australian, Liberty
Alpha Acids (%)	14.6
Beta Acids (%)	7.5
Alpha/Beta Ratio	1.9
Cohumulone (% of alpha acids)	39.0
Total Oils (ml/100g)	2.5
Oil Concentration (microlitres of oil/g alpha)	171.0
Myrcene (% of whole oil)	54.0
Linalool (% of whole oil)	0.7
Geraniol (% of whole oil)	0.1
Caryophyllene (% of whole oil)	9.0
Farnesene (% of whole oil)	0.1
Humulene (% of whole oil)	8.0
Selinene (% of whole oil)	2.0
Humulene/Caryophyllene Ratio	0.9