



SOUTHERN HALLERTAU

Southern Hallertau is a fine aroma hop developed in Australia from the famous German cultivar Hallertau Mittelfrueh. Southern Hallertau was selected for it's organoleptic similarity to Hallertau Mittelfrueh. Produced exclusively in Tasmania, Southern Hallertau is the ideal Australian hop to provide your beer with the refined hop characters typical of the flavour and aroma contributions from European hops.

Analytical Data

Yield (Kg/Ha)	1600—2400
Alpha acids (%)	4.9—6.3
Beta acids (%)	3.8—5.4
Alpha/Beta Ratio	1.3—1.7
Cohumulone (%)	22.2—26.0
Total Oils (ml/100g)	0.6—0.7
Oil Concentration (ml oil/g alpha)	111—120
Myrcene (% of whole oil)	2.0—12.0
Caryophyllene (% of whole oil)	10—14
Farnesene (% of whole oil)	0
Humulene(% of whole oil)	35—47
Selinene (% of whole oil)	2
Humulene/Caryophyllene ratio	3.0—3.5

Hop Acids by HPLC (ICE)

Steam distilled essential oil analyzed by GC-MS

The analytical values are typical for T90 pellets at time of packaging, but values can vary among crop years, growing areas, growers, and with aging after harvest.

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