

# HALLERTAU MITTLERFRUH

Spicy, Grassy, Tea, Slight Citrusy



## QUICK SPECS

GENETIC ORIGIN	A landrace variety originating in Germany.
YIELD (KG/HA)	1,050 – 1,300
MATURITY	Early
MAIN GROWING COUNTRY	Germany
ACREAGE (HA)	746

## CHEMICAL INGREDIENTS – POLYPHENOLS

XANTHOHUMOL (EBC 7.7)	0.2 – 0.3%
TOTAL POLYPHENOLS	4.6

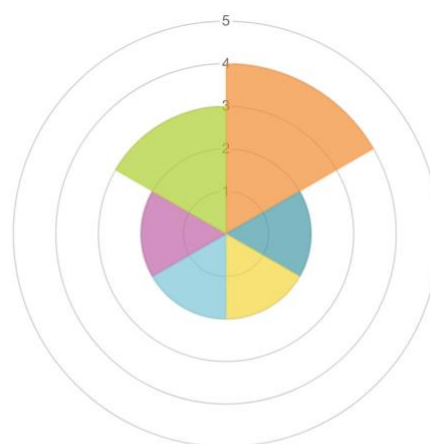
## CHEMICAL INGREDIENTS – BITTER COMPONENTS

ALPHA ACID	3.0 – 5.5%
BETA ACID	3.0 – 5.0%
CO-HUMULONE	18.0 – 28.0%
HARD RESINS : ALPHA-ACID	0.23 – 1.05%

## CHEMICAL INGREDIENTS – AROMA COMPONENTS

TOTAL OILS	0.7 – 1.3 ml/100g
BETA-CARYOPHYLLENE : HUMULENE	0.29 – 0.30%
FARNESENE % OF TOTAL OIL	0.0 – 1.0%
LINALOOL % OF TOTAL OIL	0.7 – 1.1%
LINALOOL : ALPHA-ACID	0.20 – 0.23%

## AROMA EVALUATION



● SPICY    ● RESINOUS    ● CITRUSY    ● FRUITY  
● FLORAL    ● HERBAL

Rated by the smell of raw products on a scale of 0-5

## RESISTANCE AGAINST DISEASES

DOWNY MILDEW	Susceptible
POWDERY MILDEW	Tolerant
WILT DISEASES	Susceptible
APHID	Susceptible



VICTORIA (HEAD OFFICE)  
**(03) 9872 6811**

WESTERN AUSTRALIA  
**(08) 9395 7399**