

# HALLERTAU MITTLERFRUH

SPICY, GRASSY, TEA, SLIGHT CITRUSY



## QUICK SPECS

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

## RESISTANCE AGAINST DISEASES

WILT DISEASES	Susceptible
DOWNY MILDEW	Susceptible
POWDERY MILDEW	Tolerant
APHID	Susceptible

## CHEMICAL INGREDIENTS - BITTER COMPONENTS

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

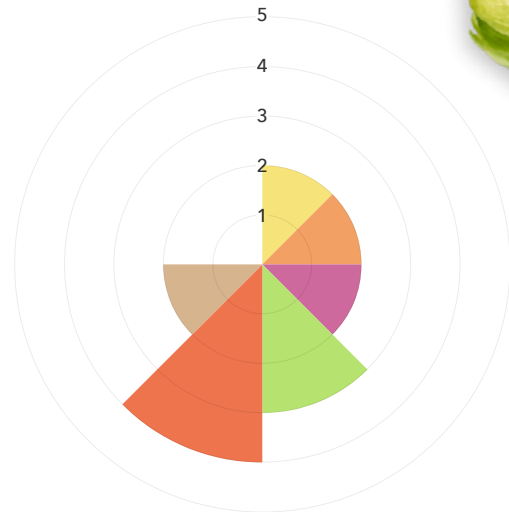
## CHEMICAL INGREDIENTS - AROMA COMPONENTS

TOTAL OILS (ML/100G)	0.7 - 1.3
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

## CHEMICAL INGREDIENTS - POLYPHENOLES

TOTAL POLYPHENOLES	4.6
XANTHUMOL (EBC 7.7)	0.2 - 0.3

## AROMA EVALUATION



● CITRUSY ● FRUITY ● FLORAL ● HERBAL  
● SPICY ● RESINOUS ● SUGARY ● OTHER

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

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