




LIBERTY

PEDIGREE	SEE DESCRIPTION
AROMA/FLAVOR	MILD, SLIGHTLY SPICY, FLORAL
ALPHA ACIDS	3.0 - 5.0%
BETA ACIDS	3.0 - 4.0%
COHUMULONE	24 - 30% OF ALPHA ACIDS
TOTAL OIL	0.6 - 1.2 ML/100G
MYRCENE	20 - 40% OF TOTAL OIL
HUMULENE	35 - 40% OF TOTAL OIL
CARYOPHYLLENE	9 - 12% OF TOTAL OIL
FARNESENE	<1% OF TOTAL OIL

DESCRIPTION
LIBERTY IS A TRIPLOID VARIETY BRED AS A CROSS BETWEEN A FEMALE HALLERTAU MITTLERFUH AND A DOWNY MILDEW RESISTANT MALE GERMAN HOP. THE VARIETY WAS DEVELOPED IN 1983 FROM THE USDA PROGRAM AT OREGON STATE UNIVERSITY AND RELEASED IN THE U.S. IN 1991. OF THE FOUR TRIPLOID HALLERTAU MITTLERFUH VARIETIES RELEASED, LIBERTY MOST CLOSELY RESEMBLES HALLERTAU MITTLERFUH.

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