



**CHARLES  
FARAM**

1865



**POLARIS**

Bred by the Hop Research Center Hüll, Germany and released commercially in 2012. An extremely high-alpha variety with limited aroma qualities, most Polaris is processed into bittering extract.

**IN THE BEER**



**IN THE RUB**



**TECH SPECS**

Alpha Acid	19-23%
Beta Acid	4.5-6%
Cohumulone	22-28%
Total Oil	4.0-5.0ml/100g

**OIL COMPOSITION**

Myrcene	50%
Humulene	20-35%
Farnesene	Trace

Flavour Intensity 6



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