

# NORTHERN BREWER

GERMANY



**NORTHERN BREWER WAS AN ENGLISH HOP THAT WAS BRED IN 1934. ITS PEDIGREE CAN BE TRACED TO A CROSS BETWEEN A FEMALE AMERICAN WILD HOP AND AN ENGLISH FATHER. TODAY, NORTHERN BREWER IS GROWN IN THE U.S., U.K., AND GERMANY WITH GERMANY BEING THE PRIMARY GROWING REGION. FLAVORS: PINE, TOBACCO, LEMON**

## TECHNICAL DATA

**ALPHA (%): 8.0-10.0**

**BETA (%): 3.0-5.0**

**COHUMULONE (% OF ALPHA ACIDS): 27-33**

**TOTAL OIL (ML/100G): 1.5-2.0**

**MYRCENE (% OF TOTAL OIL): 25-45**

**HUMULENE (% OF TOTAL OIL): 35-50**

**CARYOPHYLLENE (% OF TOTAL OIL): 10-20**

**FARNESENE (% OF TOTAL OIL): --**

**LINALOOL (% OF TOTAL OIL): --**

**TOTAL POLYPHENOLS (%): --**



**WILLAMETTE VALLEY HOPS**