



WILLAMETTE VALLEY HOPS, LLC

HOP VARIETY DATA SHEET



Northern Brewer

U.K. DUAL PURPOSE HOP

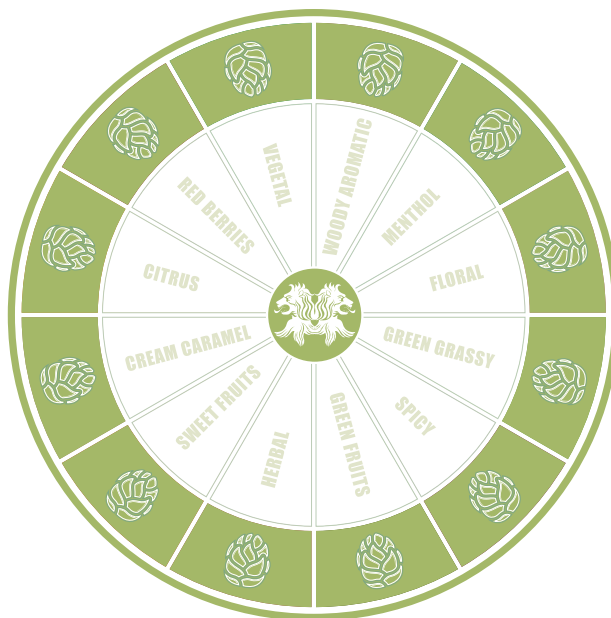
Bred in England in 1934, this variety was developed specifically for Scottish & Newcastle Breweries and originally grown in the North of England - hence its name. It has a high alpha content and is currently one of the main varieties in the German Hallertau region, where it has developed good aroma qualities by adapting to climate and soil. Northern Brewer is wilt-resistant.



A

b

Pedigree	Canterbury Golding crossed with male seedling of Brewers Gold
Aroma/Flavor	Medium intensity, Pine, Minty notes
Alpha Acids*	6.0 - 10.0%
Beta Acids	3.0 - 5.0%
Cohumulone	27 - 32% of alpha acids
Total Oil	1.0 - 1.6 ml/100g
Myrcene	25 - 45% of total oil
Humulene	35 - 50% of total oil
Caryophyllene	10 - 20% of total oil
Farnesene	<1% of total oil
Storage Stability	Very good



Varieties subject to availability. Contact your Territory Manager to place your order.

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