

# Northern Brewer

Northern Brewer is a well-known dual-use hop developed at Wye College in 1934. Currently, it is being grown in several countries around the world. The original was a cross between East Kent Golding and a Brewer's Gold male.

Today, it is grown mostly in Germany and the US. It is popular in California Common-style beers with its woody, piney and minty essence.

## Also Known As

Northern Brewer (UK)

## Group

## Origin

United Kingdom

## Primary Use

Dual Purpose

## Height

Tall

## Supply Restrictions

None

## Key Flavours



Spicy, floral, pine, peppery and berry aromas.

## Beer Styles Guide

Porter, Ale, Kolsch, Munich Helles, ESB, German Lager & English Pale Ale.

## Growing Information

Season Maturity	Early
Ease of Harvest	-
Yield	900 - 1340 kg/hectare
Wilt Resistance	Tolerant
Powdery Mildew Resistance	-
Downy Mildew Resistance	Moderately Resistant
Hop Mosaic Resistance	-

## Virus Information

Arabis Mosaic Virus	Negative (2017)
Prunus necrotic ringspot virus	Negative (2017)
Hop Stunt Viroid	Negative (2017)
Hop Mosaic Virus	-
Hop Latent Viroid	Negative (2017)

## Brewing Values

Alpha Acid	7 - 10%
Beta Acid	3 - 5.5%
Alpha - Beta Ratio	2:1
Hop Storage Index	-
Co-Humulone	27 - 34%
Total Oils	1.0 - 2.0 mL/100g
Myrcene	35 - 45%
Humulene	27 - 31%
Caryophyllene	11 - 15%
Farnesene	0 - 1%

## Health Grade

