

Challenger

Challenger was released in 1972 by Wye College in the UK. Its Aunt is Northdown and its Grandmother is Northern Brewer. It is a tall hop with good resistance to downy mildew, but it is susceptible to powdery mildew and wilt.

It has good growing characteristics, long slender cones and is high yielding. Its storage stability is good. Challenger is an excellent all-round hop, which has proved extremely popular.

Also Known As

Wye Challenger

Group

Origin

United Kingdom

Primary Use

Dual Purpose

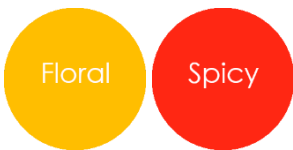
Height

Tall

Supply Restrictions

None

Key Flavours



A spicy, cedar, green tea aroma with sweet floral flavour notes.

Beer Styles Guide

British Ale, Lager & Pale Ale

Growing Information

Season Maturity	Late
Ease of Harvest	Difficult
Yield	1400 - 1800 kg/hectare
Wilt Resistance	Sensitive
Powdery Mildew Resistance	Moderately Susceptible
Downy Mildew Resistance	Resistant
Hop Mosaic Resistance	Tolerant

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	6.5 - 9%
Beta Acid	3.0 - 4.5%
Alpha - Beta Ratio	2:1
Hop Storage Index	-
Co-Humulone	20 - 25%
Total Oils	1.0 - 1.7 mL/100g
Myrcene	30 - 42%
Humulene	24 - 26%
Caryophyllene	9 - 10%
Farnesene	0 - 1%

Health Grade

