



Belgian Malts that Make Your Beer So Special

CHALLENGER

BREWING QUALITY

An excellent all round hop with good alpha and aroma properties. As the main copper hop, it provides a refreshing, full bodied, rounded bitterness, which makes an excellent platform for a late hop. As the late addition, it can give a very crisp, fruity character which has proved very popular in many beers.



ORIGIN / HISTORY

UK origin. Introduced by Wye College in 1972.

AGRONOMICS

Good resistance to downy mildew but is susceptible to powdery mildew and Verticillium Wilt.

ACID COMPONENTS

Alpha Acids	6 – 9% w/w
Beta Acids	3.2 – 4.2% w/w
Cohumulone	20 – 25% of alpha acids

T90 Hop Pellets



OIL COMPONENTS

Total Oil	1.0 – 1.5 mls/100 grams
Caryophyllene	9.52% of whole oil
Farnesene	1.73% of whole oil
Humulene	29.52% of whole oil
Myrcene	30.49% of total oil

Leaf Hops



Possible Substitutions: Northdown, Northern Brewer, First Gold



Castle Malting - True Brewers know why!

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