

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	5 – 9% w/w
Beta Acids	3.2 – 5% w/w
Cohumulone	20 – 30% of alpha acids

OIL COMPONENTS

1.0 – 1.5 mls/100 grams
8-12% of whole oil
1-3% of whole oil
25-32% of whole oil
20-42% of total oil

T90 Hop Pellets



Leaf Hops



Possible Substitutions: Northdown, Northern Brewer, First Gold, Perle



Malting Plant: Rue de Mons (Bel) 94, 7970 Beloeil, Belgium; Distribution Center: Rue de l'Orbette 1, 7011 Ghlin (Mons), Belgium; Headquarters: Rue de Mons (Bel) 94, 7970 Beloeil, Belgium; Tel.: +32 87 662095; <u>info@castlemalting.com</u>; <u>www.castlemalting.com</u>; Registered Tournai 79754; VAT: BE0455013439; Account: 370-0905456-48; IBAN: BE11 3700 9054 5648; BIC: BBRUBEBB