



Belgian Malts that Make Your Beer So Special

CENTENNIAL

BREWING QUALITY

Dual purpose hop. Very balanced hop, sometimes called a super Cascade. Good in all US Ale styles, has been used with US Wheat beers.



ORIGIN / HISTORY

Belgian origin. Selected from a cross between Brewer's Gold and a selected USDA male.

AGRONOMICS

Good, neat well hopped bines maturing mid-season. A medium sized dense compact cone. No visible reaction to infection with Prunus necrotic ring-spot virus. Moderately resistant to Verticillium Wilt.

ACID COMPONENTS

Alpha Acids	7 – 12% w/w
Beta Acids	3.5 – 5% w/w
Cohumulone	29 – 30% of alpha acids

T90 Hop Pellets



OIL COMPONENTS

Total Oil	0.8 – 2.3 mls/100 grams
Caryophyllene	5 – 8% of whole oil
Farnesene	<1% of whole oil
Humulene	10 - 20% of whole oil
Myrcene	45 - 60% of total oil

Leaf Hops



Possible Substitutions: Green Bullet, Cascade, Columbus, Chinook



Castle Malting - True Brewers know why!

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