



Belgian Malts that Make Your Beer So Special

MILLENIUM

BREWING QUALITY

Very new hop. Primarily used for alpha potential. Its brewing profile is comparable to that of Nugget and Columbus-type varieties. Good in Ales, Stout, Barley Wine.



ORIGIN / HISTORY

US origin. Bred in the John I. Haas, Inc., breeding program and released in the year 2000.

AGRONOMICS

Appears fairly resistant to most diseases, including powdery mildew.

ACID COMPONENTS

Alpha Acids	15.5% w/w
Beta Acids	4.8% w/w
Cohumulone	30% of alpha acids

Type T90 Hop Pellets



OIL COMPONENTS

Total Oil	2.0 mls/100 grams
Caryophyllene	10.6% of whole oil
Farnesene	<1% of whole oil
Humulene	25% of whole oil
Myrcene	30 - 40% of total oil

Type Leaf Hops



Possible Substitutions: Nugget, Columbus



Castle Malting - True Brewers know why!

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