

Belgian Malts that Make Your Beer So Special

# **ORGANIC WILLAMETTE**

## **BREWING QUALITY**

Provides a mild, pleasant, hop aroma and bitterness to all English-style Ales, and US Pale and Brown Ales.



# **ORIGIN / HISTORY**

Released in 1976 and well-established in the US industry. Currently the most widelygrown aroma hops in the US.

#### AGRONOMICS

No visible reaction to prunus necrotic ring spot virus; fair resistance to downy mildew and powdery mildew but susceptible to Verticillium wilt.

# **ACID COMPONENTS**

Alpha Acids	3 – 6% w/w
Beta Acids	3 – 4% w/w
Cohumulone	30 - 35% of alpha acids

**Type T90 Hop Pellets** 



### **OIL COMPONENTS**

Total Oil	0.7 – 1.5 mls/100 grams
Caryophyllene	7 - 8% of whole oil
Farnesene	5 - 6% of whole oil
Humulene	20 - 30% of whole oil
Myrcene	45 - 55% of whole oil

**Type Leaf Hops** 



### Possible Substitutions: Bramling Cross, Fuggles

# **Castle Malting - True Brewers know why!**

La Malterie du Château SA (Castle Malting)

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