



*Belgian Malts that Make Your Beer So Special*

## MARYNKA

### BREWING QUALITY

A typical bitter hop with dual characteristics i.e. it contains both high aroma values and high content of bitter substances.



### ORIGIN / HISTORY

Polish origin.

### AGRONOMICS

Not known.

### ACID COMPONENTS

Alpha Acids	8 – 12% w/w
Beta Acids	10.2 – 13.0% w/w
Cohumulone	26 - 33% of alpha acids

Type T90 Hop Pellets



### OIL COMPONENTS

Total Oil	2.0 mls/100 grams
Caryophyllene	10 – 12.5% of whole oil
Farnesene	1.8 – 2.2% of whole oil
Humulene	26 - 33% of whole oil
Myrcene	28 - 31% of whole oil

Type Leaf Hops



Possible Substitutions: Northern Brewer

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

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