



## CENTENNIAL ORGANIC

### BREWING QUALITY

Very balanced organic hop, sometimes called a super Cascade. It has quite floral qualities similar to that of Cascade. Good in all US Ale styles, has been used with US Wheat beers.



### ORIGIN / HISTORY

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

### AGRONOMICS

No visible reaction to infection with Prunus necrotic ring-spot virus. Moderately resistant to downy mildew and 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	1.5 – 2.3 mls/100 grams
Caryophyllene	5 – 8% of whole oil
Farnesene	<1% of whole oil
Humulene	10 - 18% of whole oil
Myrcene	45 - 55% of total oil

Leaf Hops



**Possible Substitutions:** Green Bullet, Cascade, Columbus, Chinook



# Castle Malting - True Brewers know why!

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