



## CENTENNIAL

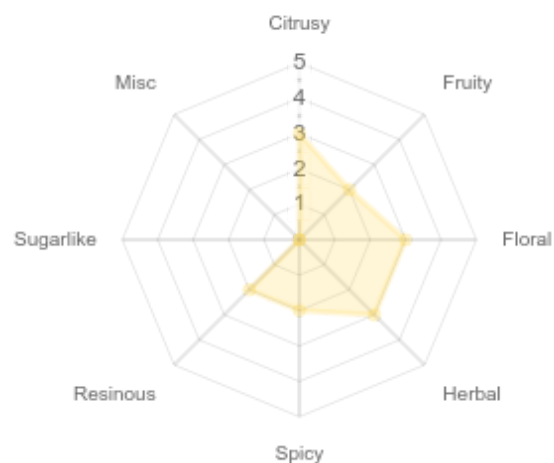
Citrusy

Floral

Herbal

**Genetic Origin:** Selected from a cross between a Brewers Gold and Fuggle seedling and a selected USDA male with largely Brewers Gold parentage.

## AROMA EVALUATION



Rated by the smell of raw hops on a 0 - 5 scale

## AROMA DESCRIPTION

Lemon, resinous, vanilla

## AGRONOMIC ASPECTS

### GROWING

Yield (kg/ ha)	1700 - 2000
Maturity	early to mid early
Acreage (ha)	2240
Main growing country	United States

### RESISTANCE

#### AGAINST DISEASES

Wilt disease	tolerant
Downey mildew	tolerant
Powdery mildew	susceptible

## INGREDIENTS

### BITTER COMPONENTS

Alpha acids %	9.5 - 11.5
Beta acids %	3.5 - 4.5
Co-humulone % rel.	29 - 30

### POLYPHENOLS

Xanthohumul %	0.3 - 0.5
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### AROMA COMPONENTS

Total oil (ml/100g)	0.8 - 2.3
Farnesene % rel. of total oil	0.00 - 1.00
Linalool % rel. of total oil	1.0 - 1.3

## SUBSTITUTES

### BREWHOUSE

Cascade Lemondrop®

### DRY HOPPING

Cascade Lemondrop®