

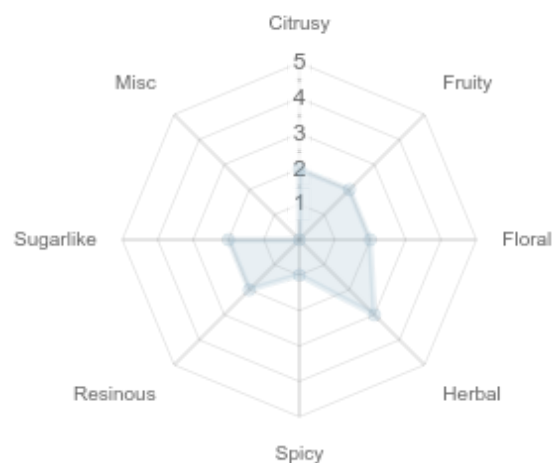


NORTHERN BREWER

Herbal

Genetic Origin: A German cross between a Canterbury Golding and 'OB21' - a male seedling of Brewers Gold.

AROMA EVALUATION



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

AROMA DESCRIPTION

Grassy, spicy, lime, pine, mint

AGRONOMIC ASPECTS

GROWING

Yield (kg/ ha)	1400 - 1650
Maturity	early to mid early
Acreage (ha)	300
Main growing country	Germany

RESISTANCE

AGAINST DISEASES

Wilt disease	resistant
Downey mildew	susceptible
Powdery mildew	susceptible
Aphid	susceptible

INGREDIENTS

BITTER COMPONENTS

Alpha acids %	6.0 - 10.0
Beta acids %	3.0 - 5.0
Co-humulone % rel.	27 - 32

AROMA COMPONENTS

Total oil (ml/100g)	1.0 - 1.6
Farnesene % rel. of total oil	0.00 - 1.00
Linalool % rel. of total oil	0.3 - 0.8

POLYPHENOLS

Total polyphenols %	3.9
Xanthohumol %	0.5 - 0.7

SUBSTITUTES

BREWHOUSE

Perle Aurora Akoya®