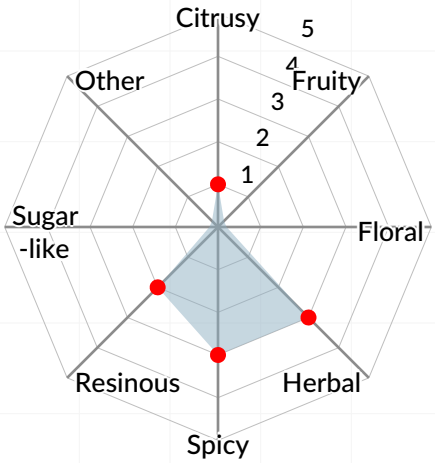
Hopsteiner CHALLENGER

AROMA EVALUATION



VISUAL EVALUATION





AROMA SPECIFICATION

spicy, green tea, cedar

GENETIC ORIGIN

Bred at Wye College and released for commercial planting in 1972; it is a granddaughter of Northern Brewer crossed with a downy mildew resistant male and is a 'cousin' of Target.

HOP ALTERNATIVES

BREWHOUSE

Northern Brewer, Perle

DRY HOPPING

Northern Brewer, Perle

AGRONOMIC ASPECTS

GROWING	
Yield (kg/ha)	1,400 - 1,750
Maturity	Late
Main Growing Country	UK
RESISTANCE AGAINST DISEASES	
Wilt diseases	Susceptible
Downy mildew	Resistant
Powdery mildew	Susceptible

CHEMICAL INGREDIENTS

BITTER COMPONENTS	
Alpha-Acid %	5.0 - 9.0
Beta-Acid %	3.0 - 4.0
Co-Humulone % rel.	27 - 30
Hard Resins : Alpha-Acid	0.24 - 0.47
POLYPHENOLES	
Xanthohumol (EBC 7.7)	0.2 - 0.3
AROMA COMPONENTS	
Total Oils (ml/100g)	1.0 - 1.5
Beta-Caryophyllene: Humulene	0.30
Farnesene % of total Oil	1.00 - 2.00

HOPS HOTLINE
800.339.8710