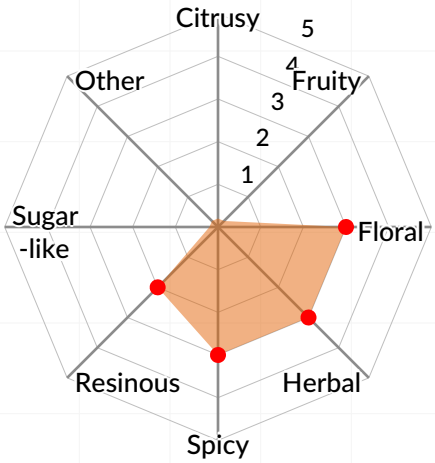
Hopsteiner NORTHDOWN

AROMA EVALUATION



VISUAL EVALUATION

AROMA SPECIFICATION

spicy, floral, pine

GENETIC ORIGIN

Bred at Wye College from a Northern Brewer and a downy mildew-resistant male cross; closely related to both Target and Challenger; released for commercial planting in the early 1970's.

HOP ALTERNATIVES

BREWHOUSE

Challenger, Northern Brewer, Admiral

DRY HOPPING

Challenger, Northern Brewer, Admiral

AGRONOMIC ASPECTS

GROWING	
Yield (kg/ha)	1,500 - 1,750
Maturity	Medium Early
Main Growing Country	UK
RESISTANCE AGAINST DISEASES	
Wilt diseases	Susceptible
Downy mildew	Tolerant
Powdery mildew	Susceptible

CHEMICAL INGREDIENTS

BITTER COMPONENTS	
Alpha-Acid %	6.0 - 10.0
Beta-Acid %	4.5 - 6.5
Co-Humulone % rel.	30 - 32
Hard Resins : Alpha-Acid	0.51 - 0.62
POLYPHENOLES	
Xanthohumol (EBC 7.7)	0.3 - 0.4
AROMA COMPONENTS	
Total Oils (ml/100g)	1.2 - 2.2
Beta-Caryophyllene: Humulene	> 0.30
Farnesene % of total Oil	1.00 - 2.00

HOPS HOTLINE
800.339.8710