



WILLAMETTE VALLEY HOPS, LLC

HOP VARIETY DATA SHEET

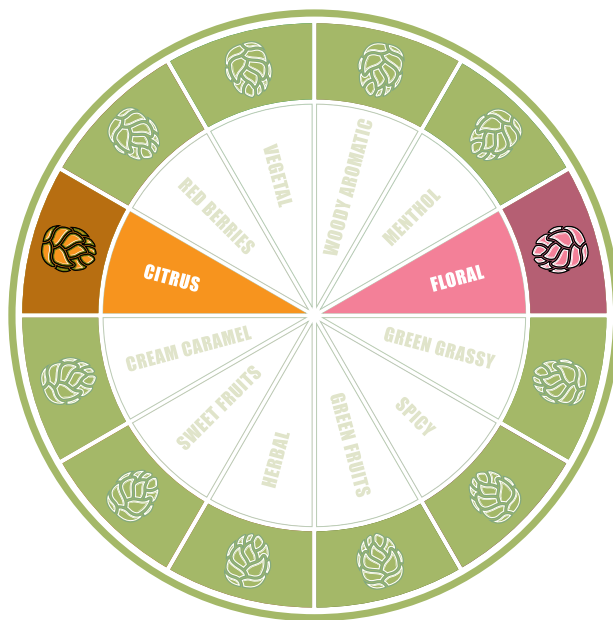


Cascade

U.S. AROMA HOP

Cascade was developed in the USDA breeding program at Oregon State University and released as a U.S. aroma variety in 1972. It is characterized by its dark green elongated cone with an aroma that is of medium strength often described as a distinctive floral, grapefruit-like character. Cascade is the definitive hop for American craft brews.

Pedigree	Cross of English Fuggle with male riginating from Russian variety Serebrianka
Aroma/Flavor	Unique floral, Citrus
Alpha Acids*	4.5 - 7.0%
Beta Acids	4.8 - 7.0%
Cohumulone	33 - 40% of alpha acids
Total Oil	0.7 - 1.4 ml/100g
Myrcene	45 - 60% of total oil
Humulene	8 - 13% of total oil
Caryophyllene	3 - 6% of total oil
Farnesene	3 - 7% of total oil
Storage Stability	Very poor



Varieties subject to availability. Contact your Territory Manager to place your order.

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