



WILLAMETTE VALLEY HOPS, LLC

HOP VARIETY DATA SHEET

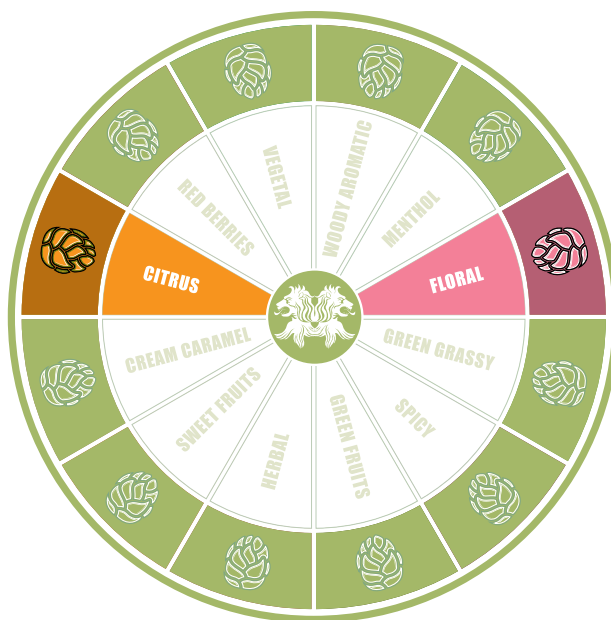


Centennial

U.S. AROMA HOP

Named after the Washington state centennial anniversary in 1989, Centennial is an aroma-type cultivar developed from the USDA hop breeding program at Washington State University in 1974 and released in 1990. Centennial is a well blended aroma hop and is sometimes referred to as Super Cascade.

Pedigree	Combination of Brewer's Gold, Fuggle, East Kent Golding, and others.
Aroma/Flavor	Floral and Citrus
Alpha Acids*	9.5 - 11.5%
Beta Acids	3.4 - 4.5%
Cohumulone	29 - 30% of alpha acids
Total Oil	1.5 - 2.5 ml/100g
Myrcene	45 - 55% of total oil
Humulene	10 - 18% of total oil
Caryophyllene	5 - 8% of total oil
Farnesene	<1% of total oil
Storage Stability	Fair



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

Jim Wolf • Central West
jim.wolf@wvhops.com
503.800.1448

Paul Allard • East Coast
paul.allard@wvhops.com
207.807.7074

Eric Bougie • Canada
eric.bougie@wvhops.com
514.621.9309

Main Office • Southwest
office@wvhops.com
503.633.4677

Brandon Nguyen • Northwest
brandon.nguyen@wvhops.com
541.908.3502

Tilly Dorsey • Central East
tilly.dorsey@wvhops.com
971.281.1121