

# Available Worthy Hop Varieties

	Alpha Acid (%)	Beta Acid (%)	Brewing Use	Flavor	Notes
Canadian Red Vine	5.0	5.0 - 6.0	Aroma	Cherry, berry, pine, moderate citrus	
Cascade*	5.1 - 8.5	4.0 - 6.6	Aroma	Spicy, floral, and citrus (grapefruit)	Very popular with brewers
Centennial	9.0 - 12.0	4.0 - 5.0	Dual	Balanced floral and citrus tones	Very popular with brewers
Chinook	13.9 - 15.3	3.6 - 4.5	Bittering	Spicy, piney, grapefruit	Performs exceptionally well on Worthy trellis
Crystal*	2.8 - 4.4	5.8 - 7.0	Aroma	Pleasant balance of spice and floral	Performs exceptionally well on Worthy trellis
Goldings	4.0 - 6.0	2.0 - 3.0	Aroma	Mild, fragrant with floral tones	
Horizon*	10.2 - 16.5	4.6 - 9.0	Bittering	Pleasantly hoppy	
Keyworth's Early	8.6	3.3	Aroma	Strong lemon and grapefruit	
Liberty*	3.0 - 6.0	3.5	Aroma	Mild and clean aroma, slightly spicy	
Mt. Hood*	5.0 - 7.0	6.0 - 7.5	Aroma	Mild and clean, resinous	
Newport*	13.5 - 17.0	7.2 - 9.1	Bittering	Mild aroma with pungent, resinous flavor	Performs exceptionally well on Worthy trellis
Nugget*	9.4 - 17.3	2.5 - 5.9	Bittering	Heavy, herbal with spicy aroma	
Perle	7.9 - 12.9	2.9 - 5.0	Dual	Minty clean with spicy aroma	Performs exceptionally well on Worthy trellis
Santiam*	5.0 - 7.0	6.0 - 8.0	Aroma	Herbal and flowery, noble hop aroma	
Sterling*	6.0 - 9.0	4.0 - 6.0	Aroma	Heavy, herbal and spicy, slightly citrus	
Teamaker	0.6 - 1.8	5.4 - 13.2	Aroma	Grassy, floral	Lowest alpha acid content of all hop varieties
Tettnanger	3.5 - 8.8	2.1 - 4.4	Aroma	Slightly spicy	
Ultra*	3.0 - 5.0	4.0 - 5.0	Aroma	Spicy with floral tones	
Willamette*	5.2 - 11.1	2.9 - 5.0	Aroma	Balance of floral, fruity, earth, and spice	

\* Varieties developed by USDA/OSU Hop Breeding Program under Dr. Al Haunold