

## Hop Variety Guide

See important notes below at the end of the Guide.

VARIETY	AVERAGE ALPHA ACID CONTENT (PERCENT) BASED ON ASBC METHOD	STABILITY OF WHOLE HOPS	ORIGIN	COMMENTS
<b><i>American Bred Hops Often with Floral-Citrus-Like Character</i></b>				
Amarillo	8-10	Good	USA	A Cascade type hop; citrusy, floral. Popular in American pale ales, especially IPA and barley wines, but popular with several other types of beer.
Cascade	4.5-7.5	Fair	USA	Very popular American all-purpose bittering and aroma hop. Floral and citrusy character.
Centennial	9-11.5	Fair	USA	"Supercharged" Cascade type; fine aroma hop, citrusy. Popular in American pale ales especially IPA.
Chinook	12-14	Fair	USA	Intense bittering hop with excellent citrus, floral character. American hoppy ales.
Galena	12-14	Fair to Good	USA	Very good bittering hop. A bit more floral than other high alpha hops.

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Horizon	11-13.5	Fair to Good	USA	Very good hop for bittering and flavor/aroma; floral/spicy.
Simcoe™	12-14	Good	USA	Non aggressive bittering as well as a good flavor/aroma hop.

### ***Goldings, Fuggles, Hybrids of or Traditional English Ale Hops***

First Gold	6-9.5	Fair to Good	UK	Similar to Goldings but with higher bittering value. Not common. Very good all-purpose hop for English Ales.
Fuggles	3.5-6	Good	USA, UK	English Fuggles has seed content. Excellent traditional English Ale hop. Excellent aroma and flavor.
Glacier	5.5-7.5	Fair to Good	USA	Character is a combination of Fuggles and Willamette. Good all around hop.

(continued)