

## Hops Alpha Acid Table

This chart is a general guideline only. The actual AA varies from year to year depending on the weather harvest conditions, and storage.

Hops	Average Alpha Acids		
Admiral	14.5	Northern Brewer	7.8
Ahtanum	5.5	Nugget	14
Amarillo®	8.6	Olympic	12
Aquila	7	Omega	10
B. C. Goldings	5	Orion	7
Banner	10	Pacific Gem	15.4
Bramling Cross	6.5	Perle	8.2
Brewer's Gold	9	Phoenix	10
Bullion	7.5	Pioneer	9
Cascade	7	Pride of Ringwood	10
Centennial	7.8	Progress	6.25
Challenger	8.5	Record	6.5
Chinook	13	Saaz	3.5
Citra	11	Santiam	6.5
Cluster	6.5	Satus	13
Columbus	15	Simcoe	12.7
Comet	10	Sorachi Ace	11.1
Crystal	4.3	Spalt	4.5
Domesic Hallertau	3.9	Sterling	8.7
East Kent Goldings	5	Sticklebract	11.5
Eroica	12	Strisselspalt	3.5
First Gold	7.5	Styrian Goldings	5.5
Fuggles	4.5	Super Alpha	13
Galena	13	Super Styrians	9
Glacier	5.5	Summit	18.5
Goldings	4.5	Talisman	8
Hallertau Mittelfruh	3.75	Target	11.5
Hallertau Hersbrucker	4	Tettnanger	4.5
Herald	12	Tomahawk	15
Hersbrucker	4	Ultra	4.5
Horizon	12.5	Vanguard	5
Huller Bitterer	5.75	Warrior	16
Kent Goldings	5	Whitbread Golding	6
Liberty	4	Willamette	4.5
Lublin	4.5	Wye Target	10
Magnum	15	Yamhill Goldings	4
Millenium	15.5	Yakima Cluster	7
Mount Hood	4.8	Yeoman	7.25
Mount Rainier	6.2	Zenith	9
Motueka	7	Zeus	16
Nelson Sauvin	12.5		
Newport	15.5		
Northdown	8.6		

