

Cocinista: Principales lúpulos, perfil y posibles sustitutos.

Lúpulo	Posibles sustitutos	Tipo	Aromas	% Alpha	% Beta	Origen	Estilos de cerveza
Admiral	Target, Challenger, Cascade, Amarillo, Centennial, Chinook	Amargor	Cítrico, hierba	13 - 16	4,6 - 6,1	UK	IPA, Imperial IPA, Pale Ale, Bitter, ESB
Ahtanum	Amarillo, Centennial, Simcoe, Cascade, Willamette	Aroma	Cítrico.	4 - 6,3	5 - 6,5	USA	APA, Pale Ale, ALE, Lagers, Californian Commons, Bitter
Amarillo	Cascade, Centennial, Summit, Ahtanum, Chinook	Aroma	Cítrico, Naranja	8 - 11	6 - 7	USA	APA, IPA, Trigo, Bitter, Red Ale, ESB
Bravo	Columbus, Zeus, Nugget, Magnum	Amargor	Espicias, tierra y floral	14 - 17	3 - 5	USA	APA, IPA, ESB, Barley Wine, Pale Ale, Imperial Pale Ale
Brewer's Gold	Cascade, Galena	Amargor	Especiado.	7,1 - 11,3	3,3 - 6,1	UK	Ale, APA, Bitter, Barley Wine, Imperial Stout, Lager, Pilsner, Pale Ale, Lambic
Cascade	Amarillo, Centennial, Summit, Ahtanum, Columbus	Dual	Floral, cítrico, pomelo	4,5 - 8,9	3,6 - 7,5	USA	Ale, APA, Lager, Barley Wine, Porter, IPA, Amber Ale, Golden Ale, Strong Ale
Celeia	Saaz, Bobek, Nugget, Zeus, Columbus, Styrian Goldings	Aroma	Floral y cítrico	5 - 6	3 - 4	ESL	Ale, Lager, Pilsner, ESB
Centennial	Amarillo, Cascade, Columbus, Summit, Chinook, Galena	Dual	Tierra, floral, toques cítricos	9,5 - 11,5	3,5 - 4,5	USA	ESB, Barley Wine, Imperial Stout, IPA, Pale Ale, Amber Ale, Weisenbock, Trigo, Witbier
Challenger	Perle, Admiral, Northern Brewer	Dual	Especiado, madera	6,5 - 9	3,2 - 4,5	UK	Golden Ale, Barley Wine, Imperial Stout
Chinook	Brewers Gold, Columbus, Galena, Nugget, Northern Brewer, Target	Dual	Pino, especias	12 - 14	3 - 4	USA	Pale Ale, APA, Porter, Stout, Lager, Barley Wine
Citra	Simcoe, Cascade, Centennial, Mosaic	Dual	Pomelo, cítrico, tropical	10 - 15	3 - 4,5	USA	APA, American Ale, Amber
Cluster	Galena	Dual	Floral	5,5 - 9	4 - 6	USA	Barley Wine, Porter, Pale Ale, Amber, Cream Ale, Lager
Columbus	Magnum, Chinook, Northern Brewer, Zeus, Nugget, Target	Dual	Hierba, tierra	14 - 18	4,5 - 6	USA	Imperial Brown Ale, Barley Wine, Imperial Stout, Sout, Ale
Comet	Galena, Summit	Dual	Pomelo, resina	9,4 - 12,4	3 - 6,1	USA	Lager, Ale, IPA

Crystal	Mt. Hood, Hallertauer, Tettnanger, Liberty	Aroma	Madera, frutal, especias	2,8 - 4,4	5,8 - 7	USA	Bitter, Pilsner, Lager, Ale, IPA, Stout
East Kent Goldings	Fuggle, Progress, First Gold	Aroma	Aroma	5 - 6	2 - 3	UK	Pale Ale, ESB, Dark Ale, Ale de Navidad, Ale belga, Porter, Stout, Saison, Triple
First Gold	E.K. Goldings, Willamette, Styrian Goldings	Dual	Mandarina, canela, frutas	5,6 - 9,3	2,3 - 4,1	UK	Porter, Bitter, Trigo, Amber, IPA, Imperial IPA, ESB
Fuggle	Willamette, Styrian Golding, Tettnanger	Aroma	Madera, tierra	2,4 - 6,1	2,1 - 2,8	UK	Ale, Porter, Mild Ale, ESB, Lambic, Amber, Stout, Oatmeal, ...
Galaxy	Citra, Amarillo, Cventennial	Dual	Cítrico, melocotón	11 - 16	5 - 6,9	AUS	Pale Ale, IPA, ESB
Galena	Brewers Gold, Nugget, Cluster, Chinook, Columbus	Amargor	Frutal	13 - 15	7,5 - 8,5	USA	Imperial Stout, Stout, IPA, Barley Wine
Glacier	Willamette, Fuggle, Tettnanger, Styrian Goldings	Dual	Hierba, madera, cítricos	3,3 - 9,7	5,4 - 10	USA	ESB, APA, Trigo, Pale Ale, Stout, Porter, Barley Wine
Goldings	Fugglem EK Goldings, Styrian Voldings	Aroma	Floral, especias, tierra, miel	4 - 9,5	1,9 - 3	UK	Bitter, Pale Ale, IPA, Strong Ale, Pale Ale
Hallerauer Blanc	Halleratuer Mittelfrüh	Aroma	Fruta, floral, pomelo, uva, limón	9 - 12	4,5 - 6	ALE	Lager, Pilsner, Bock, Pale Ale
Hallertau	Tettnanger, Mt. Hood, Liberty	Aroma	Floral, especias	3,5 - 4,5	3,5 - 4,5	ALE	Pilsner, Pale Ale, Trigo, Lager
Hallertauer Hersbrucker	Mt. Hood, Hallertau, Mt. Hood, Liberty	Aroma	Floral, frutal, especias	2 - 5	4 - 6	ALE	Dunkel, Pilsner, Altbier, Weizenbock, Pale Ale, Trigo, Hefeweizen, Lager
Hallertauer Mittlerfrüh	Hallertauer, Liberty, Mt. Hood, Crystal	Aroma	Especias	3,5 - 3,5	3,5 - 4,5	ALE	Pilsner, Pale Ale, Trigo, Lager alemana
Hallertauer Tradition	Hallertau, Mittelfrüh, Liberty	Aroma	Tierra, hierba, frutal	4,6 - 7	4 - 5	ALE	Lager, Trigo, Bock, Hefeweizen, Weissbier, Pilsner
Liberty	Hallertau, Tettnanger, Mt. Hood	Aroma	Tierra, frutal	3 - 6,5	3 - 4	USA	Bock, Lager, Pale Ale, Pilsner, Stout, Trigo, Hefeweizen, Cream Ale, Kolsh, Amber Ale
Magnum	Nugget, Columbus, Hallertau	Amargor	Limpio, cítrico	12 - 14	4,5 - 5,5	ALE	Pilsner, IPA, Ale, Hefeweizen, American Ale, Dark Ale, Lager, Pale Ale, Stout, Bitter
Mandarina Bavaria	Columbus, Nugget, Cascade	Aroma	Mandarina, cítrico	8,5 - 10,5	5 - 6,5	ALE	Ale europea

Millenium	Columbis, Nugget, Summit	Amargor	Hierba, resina	14,5 - 16,5	4,3 - 5,3	USA	Ale Americana, Ale, Stout
Mt. Hood	Hallertauer, Crystal	Aroma	Especiado	4 - 8	5 - 8	USA	Hefeweizen, Imperial Stout, Brown Ale, Weizenbock, IPA, Bock, Lager
Northern Brewer	Nugget, Chinook, Columbus, Perle	Dual	Resina, menta	9,5 - 9,5	4 - 4	USA	Lambic, Porter, California Common, Stout, Ale
Nugget	Cluster, Brewers Gold, Target, Galena	Dual	Hierba	9,5 - 14	4,2 - 5,8	USA	IPA, Imperial IPA, Trigo, Oktoberfest, Strong Ale, Barley Wine, Stout, ESB, Pale Ale, Bitter
Opal	EK Goldings, Styrian Goldings	Dual	Cítrico, especias, dulzor	13 - 14	3,5 - 5,5	ALE	Pilsner, Hefeweizen, Helles, Lager, Tripel, Trigo, Kolsch, Ale
Pacific Gem	Fuggle	Dual	Mora, madera	13 - 16	7 - 9	NZ	Lagers Europeas, Ale, Strong Ale
Perle	Challenger, Northern Brewer	Dual	Especias	5,9 - 9,5	3,2 - 5,5	ALE	Hefeweizen, Strong Ale, Lager, Pilsner, Kolsch
Pilgrim	Target, Pioneer, Challenger	Dual	Hierba, pera, especias	9 - 13	4,2 - 5,2	UK	Pale Ale, IPA, Trigo, Stout, Barley Wine, Imperial Stout
Pioneer	EK Goldings	Dual	Cítrico, pomelo, hierba, madera	8 - 10	3,5 - 4	UK	IPA, Red Ale, Strong Bitter
Polaris	Hallertau	Aroma	Floral, frutal, pino, menta	18 - 23	4,5 - 6	ALE	IPA, Ale europea
Progress	Fuggles, E.K. Goldings	Aroma	Dulzor, hierba, menta, tierra	6 - 7,5	2 - 3,3	UK	Bitter, Pale Ale, Porter, Stout, Pilsner, Trigo, Bock
Saaz	Sladek, Amarillo, Centennial	Aroma	Hierba.	2,5 - 4,5	4 - 6	CZE	Lager, Pilsner
Simcoe	Summit	Dual	Cítrico, tierra, pomelo, pino	12 - 14	4 - 5	USA	Double IPA, IPA, Pale Ale, Porter, Trigo, Amber Ale, Saison, Strong Ale
Sladek	Saaz	Aroma	Pera, maracuyá, pomelo	4,5 - 8	4 - 7	CZE	Lager, Pilsner
Sterling	Saaz	Dual	Cítrico, hierba	4,5 - 9	4 - 6	USA	IPA, Pilsner, Hefeweizen, Lager, Witbier, Trigo, Ale de Navidad, Brown Ale, Ale Escocesa

Styrian Goldings	Fuggle, Willamette, Bobek	Aroma	Resina, tierra, especias	2,8 - 6	2 - 3	ESL	ESB, Ale, Bitter, Lager, Ale de Navidad, Barley Wine, Oktoberfest
Summit	Amarillo, Cascade, Columbus, Simcoe	Amargor	Cítrico	16 - 18	3,3 - 4,3	USA	IPA, Barley Wine, Imperial Stout, Trigo Americana, Stout, Lager
Target	Nugget, Fuggle, Willamette, Admiral	Dual	Cítrico, salvia	8 - 12,5	5 - 5,5	UK	Bitter, Pale Ale, Amber, Porter, Double Stout, Lager, Brown Ale
Tettnanger	Hallertau, Fuggle, Saaz	Dual	Floral, hierba, especias	3 - 5,8	2,8 - 5,3	ALE	Bitter, Red Ale, Pilsner, Lager, Amber, Trigo, Cream Ale, Hefeweizen, Bock, Kolsh, Barley Wine, Doppelbock, Oktoberfest
Vanguard	Saaz, Hallertauer, Mt. Hood	Aroma	Madera, especias, hierba	4,4 - 6	6 - 7	USA	Porter, Cream Ale, Lager, Ale, Amber, Imperial Stout
Warrior	Nugget, Columbus	Amargor	Cítrico, especias	14,5 - 18	4,3 - 6	USA	IPA, Ale, Porter, Barley Wine, Strong Ale, Pale Ale
Willamette	Styrian Golding, Target, Fuggle, Tettnanger, Glacier	Aroma	Hierba, especias, floral, fruta	4 - 6	3 - 4	USA	Ale, Pale Ale, Porter, Stout, Oatmeal Stout, Trigo, Bitter, IPA, ESB, Amber Ale, Imperial Stout
Zeus	Columbus	Amargor	Dulzor, cítrico, hierba	13 - 17,5	4,5 - 6,5	USA	IPA, Imperial IPA, Pale Ale, Stout, Barley Wine, Imperial Red Ale