

# HOP VARIETY LIST 2011 CROP



	Origin	Alpha Range	Cohumulone as % of a.a.	Characteristics	Flavour Intensity
Pilgrim	UK	9 - 12	36 - 38	Spicy, cedar, honey	6
Pilot	UK	7 - 10	28 - 33	Lemon, spicy, marmalade	5
Pioneer	UK	9 - 12	35 - 39	Cedar, grapefruit, herbal	8
Premiant	CZE	6 - 10	18 - 23	Floral, earthy, herbal	5
Pride Of Ringwood	AUS	9 - 12	32 - 39	Cedar, oak, herbal	5
Progress	UK	5 - 8	27 - 36	Spicy, honey, grassy	6
Rakau	NZ	11 - 14		Tropical fruit, passionfruit, citrus	9
Riwaka	NZ	5 - 8	29 - 36	Grapefruit, lime, tropical fruit	8
Saaz	CZE	2 - 5	23 - 26	Earthy, herbal, floral	5
Santiam	USA	4 - 7	20 - 22	Herbal, peach, lemon	6
Savinski Styrian Golding	SLO	2 - 4	25 - 30	Lemon, lime, earthy	8
Select (Spalt)	GER	2 - 5	21 - 27	Herbal, floral, earthy	5
Simcoe	USA	11 - 15	15 - 20	Pine, grapefruit, passionfruit	9
Sladek	CZE	6 - 8	22 - 28	Floral, earthy, spicy	5
Sonnet	USA	3 - 6		Oak, honey, herbal	5
Sorachi Ace	USA	10 - 14	20 - 26	Lemon, coconut	7
Southern Cross	NZ	11 - 14	25 - 28	Lemon peel, pine needles	7
Sovereign	UK	4 - 7	22 - 30	Grassy, floral, earthy	6
Stella	AUS	14 - 16	34 - 38	Cedar, peach, apricot	7
Sterling	USA	5 - 9	22 - 28	Lemon, pineapple, spicy	6
Strisselspalt	FRA	2 - 5	22 - 25	Herbal, floral	4
Summer	AUS	4 - 7	22 - 25	Apricot, melon	6
Summit	USA	13 - 15	26 - 33	Pink grapefruit, orange	8
Target	UK	9 - 12	35 - 40	Pine, cedar, liquorice	9
Tettnang (Tettnanger)	GER	4 - 7	22 - 28	Earthy, herbal, floral	5
Tradition (Hallertau)	GER	4 - 7	24 - 30	Herbal, floral, grassy	5
Vanguard	USA	5 - 7	14 - 16	Herbal, floral, blackcurrant	5
Wai-iti	NZ	2 - 4		Mandarin, lemon, lime zest	6
Wakatu (Hallertau Aroma)	NZ	7 - 10	28 - 30	Vanilla, floral, lime	7
Warrior	USA	13 - 15	22 - 26	Resinous, herbal, pine	6
WGV	UK	5 - 8	32 - 43	Spicy, herbal, earthy	7
Willamette	USA	4 - 7	30 - 35	Blackcurrant, spicy, floral	6
<b>ORGANIC HOPS</b>					
Cascade	NZ, BEL	4 - 10	33 - 40	Lychees, floral, grapefruit	9
Challenger	BEL	6 - 9	20 - 25	Spicy, cedar, green tea	7
First Gold	UK	6 - 9	29 - 34	Orange, marmalade, spicy	6
Fuggles	UK, BEL	3 - 6	29 - 30	Grassy, minty, earthy	6
Golding	BEL	4 - 7	26 - 32	Spicy, honey, earthy	6
Hersbrucker	GER	2 - 5	17 - 25	Floral, herbal	6
Motueka	NZ	5 - 8	25 - 35	Lemon, lime, floral	8
Nelson Sauvín	NZ	10 - 13	22 - 26	Gooseberry, grapefruit	9
Opal	GER	4 - 6	13 - 17	Spicy, honey, herbal	5
Pacific Gem	NZ	13 - 18	13 - 18	Blackberry, oak, pine	7
Perle	GER	6 - 9	29 - 35	Spicy, cedar, orange	7
Rakau	NZ	11 - 14		Tropical fruit, passionfruit, citrus	9
Saphir	GER	3 - 6	12 - 17	Grassy, herbal, earthy	6
Smaragd	GER	6 - 8	13 - 18	Herbal, floral	6
Sovereign	UK	4 - 7	22 - 30	Grassy, floral, earthy	6
Select (Spalt)	GER	2 - 5	21 - 27	Herbal, floral, earthy	5
Tradition (Hallertau)	GER	5 - 7	24 - 30	Herbal, floral, grassy	5
Wakatu (Hallertau Aroma)	NZ	7 - 10	28 - 30	Vanilla, floral, lime	7

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Admiral	UK	14 - 16	37 - 45	Resinous, orangey, citrus	9
Ahtanum	USA	5 - 8	30 - 35	Floral, citrus, lemon	7
Amarillo	USA	7 - 11	21 - 24	Floral, citrus, orange	9
Apollo	USA	15 - 19	24 - 28	Resinous, strong herbal	8
Atlas	SLO	5 - 9	36 - 38	Lime, floral, pine	6
Aurora (Super Styrian)	SLO	5 - 9	23 - 28	Lime, floral, pine	6
Beata	UK	5 - 7	23 - 28	Honey, apricot, almond	6
Boadicea	UK	6 - 9	21 - 27	Spicy, light floral	6
Bobek (Styrian Golding Type)	SLO	2 - 5	27 - 31	Pine, lemon, floral	8
Bramling X	UK	5 - 8	26 - 31	Spicy, blackcurrant	8
Bravo	USA	14 - 18	29 - 34	Resinous, pine, plum	8
Brewers Gold (Hallertau)	GER	5 - 9	40 - 48	Spicy, blackcurrant, lemon	8
Bullion	USA	8 - 11	35 - 40	Spicy, blackcurrant	8
Calypso	USA	11 - 14		Pear, apple, peach	9
Cascade	USA, NZ, UK	5 - 9	33 - 40	Lychees, floral, grapefruit	9
Celeia (Styrian Golding Type)	SLO	2 - 5	26 - 29	Lemon, lime, floral	8
Centennial	USA	7 - 12	29 - 30	Lemon, herbal, resinous	9
Challenger	UK	5 - 9	20 - 25	Spicy, cedar, green tea	7
Chinook	USA	11 - 15	29 - 35	Grapefruit, citrus, pine	9
Citra	USA	11 - 14	22 - 24	Mango, tropical fruit, lime	9
Cluster	USA	6 - 9	37 - 43	Blackberry, spicy	6
Columbus (CTZ)	USA	14 - 20	28 - 32	Sherbert, black pepper, liquorice	9
Crystal	USA	3 - 6	20 - 26	Tangerine, citrus	6
Dana	SLO	9 - 13	28 - 31	Lemon, pine, floral	9
Delta	USA	4 - 7		Pineapple, pear	5
Dr Rudi (Super Alpha)	NZ	11 - 14	36 - 39	Lemongrass, pine needles, grassy	8
East Kent Goldings	UK	5 - 8	26 - 32	Spicy, honey, earthy	6
El Dorado	USA	13 - 17	28 - 33	Apricot, peaches	6
Endeavour	UK	5 - 9	30 - 34	Blackcurrant, spicy, grapefruit	7
First Gold	UK	6 - 9	29 - 34	Orange, marmalade, spicy	6
Fuggles	UK	4 - 7	29 - 30	Grassy, minty, earthy	6
Galaxy	AUS	13 - 15	32 - 35	Passionfruit, peaches	8
Galena	USA	10 - 14	36 - 40	Blackcurrant, spicy, grapefruit	6
Goldings	UK	4 - 8	26 - 32	Spicy, honey, earthy	6
Green Bullet	NZ	10 - 13	41 - 43	Pine, raisin, black pepper	7
Herkules	GER	16 - 20	32 - 38	Pine, spicy, black pepper	8
Hersbrucker (Hallertau)	GER	2 - 4	17 - 25	Floral, herbal	6
Kohatu	NZ	5 - 7		Floral, pine needles, tropical fruit	9
Liberty	USA	3 - 5	24 - 30	Spicy, lemon, citrus	6
Lubelski	POL	3 - 5	25 - 28	Herbal, earthy, floral	5
Magnum	GER, SLO, USA	11 - 15	21 - 29	Resinous, herbal, pine	8
Marynka	POL	8 - 10	26 - 33	Floral, resinous, herbal	6
Millenium	USA	12 - 16	28 - 32	Herbal, pineapple, resinous	7
Mittlefruh (Hallertau)	GER	3 - 6	18 - 28	Herbal, floral, grassy	6
Motueka	NZ	5 - 8	25 - 35	Lemon, lime, floral	8
Mount Hood	USA	4 - 7	21 - 23	Herbal, grapefruit	6
Nelson Sauvignon	NZ	10 - 13	22 - 26	Gooseberry, grapefruit	9
Newport	USA	13 - 17	36 - 38	Cedar, estery, herbal	7
Northdown	UK	6 - 9	24 - 29	Spicy, cedar, pine	7
Northern Brewer (Hallertau)	GER	5 - 9	27 - 32	Spicy, resinous, herbal	6
Nugget	USA	10 - 14	22 - 30	Spicy, pear, peach	6
Pacific Gem	NZ	13 - 18	37 - 40	Blackberry, oak, pine	7
Pacific Jade	NZ	12 - 14	22 - 26	Herbal, lemon zest, black pepper	8
Pacifica	NZ	4 - 8	23 - 27	Herbal, orange, citrus	6
Palisade	USA	6 - 10	24 - 29	Citrus, blackcurrant, grapefruit	7
Perle (Hallertau)	GER	6 - 9	29 - 35	Spicy, cedar, orange	7
Phoenix	UK	9 - 12	24 - 28	Molasses, chocolate, spicy	5