



# HOP AVAILABILITY LIST

(S/01.10.17)

## KEY

	Stock available
	Low stock
	Not currently available

CONTRACT ONLY stock is available only to those customers who have taken out a forward contract service with us. For more details on forward contracting, please see our website - [www.charlesfarm.co.uk](http://www.charlesfarm.co.uk).

VARIETY/Country of Origin	APPROX Alpha	Cohumulone as % of a.a.	Characteristics	Flavour Intensity	2013		2014		2015		2016	
					Freshpak 5kg Box (per kg)	Type 90 Pellets 5kg foils (per kg)	Freshpak 5kg Box (per kg)	Type 90 Pellets 5kg foils (per kg)	Freshpak 5kg Box (per kg)	Type 90 Pellets 5kg foils (per kg)	Freshpak 5kg Box (per kg)	Type 90 Pellets 5kg foils (per kg)
<b>UK VARIETIES</b>												
Admiral	14 - 16	37 - 45	Resinous, orangey, citrus	9								
Alliance												
Archer®	4 - 6	32 - 38	Lime, apricot, peach, floral	6								
Beata												
Boadicea	6 - 9	21 - 27	Spicy, light floral	6								
Bramling Cross	5 - 8	26 - 31	Spicy, blackcurrant	8								
Bullion	8 - 11	35 - 40	Spicy, blackcurrant	8								
Cascade UK	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Challenger (see also Belgium)	5 - 9	20 - 25	Spicy, cedar, green tea	7								
Chinook UK	11 - 15	29 - 35	Grapefruit, citrus, pine	9								
Duchess												
East Kent Goldings	5 - 8	26 - 32	Spicy, honey, earthy	6								
Endeavour	5 - 9	30 - 34	Blackcurrant, spicy, grapefruit	7								
Epic	3 - 5		Spicy, lemon, grassy	6								
Ernest	5 - 7	50 - 55	Citrus, pineapple									
First Gold	6 - 9	29 - 34	Orange, marmalade, spicy	6								
Flyer	9 - 12											
Fuggles (see also France)	4 - 7	29 - 30	Grassy, minty, earthy	6								
Fusion	6 - 8		Citrus, spicy									
Goldings (see also Belgium)	4 - 8	26 - 32	Spicy, honey, earthy	6								
Instone												
Janus												
Jester®	7 - 9	23 - 28	Grapefruit, lychees, blackcurrant	8								
Keyworths Early	5 - 7	30 - 35	Lemon, grapefruit	7								
Keyworths Mid-Season	5 - 8	46 - 52	Citrus, blackcurrant	7								
Landlady												
Minstrel®	5 - 7	22 - 26	Spiced berries, orange, herbal	6								
Northdown	6 - 9	24 - 29	Spicy, cedar, pine	7								
Olicana®	7 - 9		Mango, grapefruit, passionfruit	8								
Phoenix	9 - 12	24 - 28	Molasses, chocolate, spicy	5								
Pilgrim	9 - 12	36 - 38	Spicy, cedar, honey	6								
Pioneer	9 - 12	35 - 39	Cedar, grapefruit, herbal	8								
Pilot	7 - 10	28 - 33	Lemon, spicy, marmalade	5								
Progress	5 - 8	27 - 36	Spicy, honey, grassy	6								
Sovereign	4 - 7	22 - 30	Grassy, floral, earthy	6								
Sussex	4 - 7	25 - 32	Grassy, minty, earthy	5								
Target (see also Belgium)	9 - 12	35 - 40	Pine, cedar, liquorice	9								
WGV (see also Belgium)	5 - 8	32 - 43	Spicy, herbal, earthy	7								
<b>BELGIAN VARIETIES</b>												
Challenger	5 - 9	20 - 25	Spicy, cedar, green tea	7								
Goldings	4 - 8	26 - 32	Spicy, honey, earthy	6								
Target	9 - 12	35 - 40	Pine, cedar, liquorice	9								
WGV	5 - 8	32 - 43	Spicy, herbal, earthy	7								
<b>CZECH VARIETIES</b>												
Kazbek	5 - 8	35 - 40	Lemon, grapefruit, spicy	8								
Premiant	6 - 10	18 - 23	Floral, earthy, herbal	5								
Saaz	2 - 5	23 - 26	Earthy, herbal, floral	6								
Sladek	6 - 8	22 - 28	Floral, earthy, spicy	6								
Vital	9 - 12											
<b>FRENCH VARIETIES</b>												
Aramis	6 - 8	21 - 22	Floral, grassy	5								
Barbe Rouge												
Bouclier	7 - 9	20 - 25	Herbal, floral, grassy	4								
Brewers Gold (see also Germany)	5 - 9	40 - 48	Spicy, blackcurrant, lemon	8								



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French Fuggles	4 - 7	29 - 30	Grassy, minty, earthy	6								
Savinjski Golding (see also Slovenia)	2 - 4	25 - 30	Lemon, lime, earthy	8								
Mistral												
Strisselspalt	2 - 5	22 - 25	Herbal, floral	4								
Triskel	8 - 9	20 - 23	Spicy, fruity	6								

## GERMAN VARIETIES

Ariana												
Brewers Gold (see also France)	5 - 9	40 - 48	Spicy, blackcurrant, lemon	8								CONTRACT ONLY
Hallertau Blanc	9 - 12	22 - 26	Floral, passionfruit, lemongrass									
Herkules	16 - 20	32 - 38	Pine, spicy, black pepper	8								
Hersbrucker	2 - 4	17 - 25	Floral, herbal	6								
Huell Melon	6 - 8	25 - 28	Melon, apricot, strawberry									
Magnum (see also Poland)	11 - 15	21 - 29	Resinous, herbal, pine	8								CONTRACT ONLY
Mandarina Bavaria	8.5 - 10.5	33	Tangerine, fruity, sweet	7								CONTRACT ONLY
Mittelfruh	3 - 6	18 - 28	Herbal, floral, grassy	6								
Northern Brewer	5 - 9	27 - 32	Spicy, resinous, herbal	6								
Opal	5 - 8	15 - 17	Spicy, pepper, citrus	5								
Perle	6 - 9	29 - 35	Spicy, cedar, orange	7								
Polaris	19 - 23	22 - 28	Spicy, pine, mint									CONTRACT ONLY
Saphir	2 - 4.5	12 - 17	Floral, herbal	5								
Select	2 - 5	21 - 27	Herbal, floral, earthy	5								
Spalt	2 - 5	21 - 27	Herbal, floral, earthy	5								
Taurus	15 - 17	20 - 25	Herbal, pepper, floral	6								
Tettnang	4 - 7	22 - 28	Earthy, herbal, floral	5								
Tradition (see also Poland)	4 - 7	24 - 30	Herbal, floral, grassy	5								

## POLISH VARIETIES

Chinook (see also UK & Slovenia)	11 - 15	29 - 35	Grapefruit, citrus, pine	9								
Junga	10 - 13	29 - 34	Blackcurrant, spicy, grapefruit	8								
Lubelski	3 - 5	25 - 28	Herbal, earthy, floral	5								
Magnum (see also Germany)	11 - 15	21 - 29	Resinous, herbal, pine	8								CONTRACT ONLY
Marynka	8 - 10	26 - 33	Floral, resinous, herbal	6								
Perle (see also Germany)	6 - 9	29 - 35	Spicy, cedar, orange	7								
Pulawski												
Sybilla	6 - 8	26 - 31	Lemon, pine, floral	7								
Tradition (see also Germany)	4 - 7	24 - 30	Herbal, floral, grassy	5								

## SLOVENIAN VARIETIES

Atlas	5 - 9	36 - 38	Lime, floral, pine	6								
Aurora	5 - 9	23 - 28	Lime, floral, pine	6								
Bobek	2 - 5	27 - 31	Pine, lemon, floral	8								
Bramling Cross (see also UK)	5 - 8	26 - 31	Spicy, blackcurrant	8								
Cascade (see also UK & Poland)	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Celeia (Styrian Golding)	2 - 5	26 - 29	Lemon, lime, floral	8								
Chinook (see also Poland & UK)	11 - 15	29 - 35	Grapefruit, citrus, pine	9								
Dana	9 - 13	28 - 31	Lemon, pine, floral	9								
Eureka (US variety, same name but different hop)	11 - 17	21 - 25	Citrus, floral, fruity									
Savinjski Golding (see also France)	2 - 4	25 - 30	Lemon, lime, earthy	8								
Styrian Cardinal (30/96)	8 - 10	31 - 37	Citrus, pineapple, gooseberry									
Styrian Dragon (105/220)												
Styrian Eagle												OUT OF STOCK
Styrian Fox (102/44)												
Styrian Kolibri (214/61)	4 - 6	21 - 25	Blackcurrant, blueberry, pineapple									
Styrian Wolf (74/134)	10 - 13	22 - 23	Tropical fruit, passionfruit, floral									

## AUSTRALIAN VARIETIES

Galaxy	13 - 15	32 - 35	Passionfruit, peaches	8								
Pride Of Ringwood	9 - 12	32 - 39	Cedar, oak, herbal	5								
Ella	14 - 16	34 - 38	Cedar, peach, apricot	7								
Summer	4 - 7	22 - 25	Apricot, melon	6								
Topaz	15 - 18	47 - 50	Spicy, resin, fruitcake	5								



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<b>NEW ZEALAND VARIETIES</b>												
Taiheke (formerly known as Cascade)	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Chinook NZ	11 - 15	29 - 35	Grapefruit, citrus, pine	9								
Dr Rudi	11 - 14	36 - 39	Lemongrass, pine needles, grassy	8								
Green Bullet	10 - 13	41 - 43	Pine, raisin, black pepper	7								
Kohatu	5 - 7	18 - 23	Floral, pine needles, tropical fruit	9								
Motueka	5 - 8	25 - 35	Lemon, lime, floral	8								
Nelson Sauvvin	10 - 13	22 - 26	Gooseberry, grapefruit	9							CONTRACT ONLY	CONTRACT ONLY
Orbit	4 - 10		Citrus, pine, resin									
Pacifica	4 - 8	23 - 27	Herbal, orange, citrus	6								
Pacific Gem	13 - 18	37 - 40	Blackberry, oak, pine	7								
Pacific Jade	12 - 14	22 - 26	Herbal, lemon zest, black pepper	8							CONTRACT ONLY	CONTRACT ONLY
Rakau	10 - 12	24 - 28	Tropical fruit, passionfruit, pine needles	9								
Southern Cross	11 - 14	25 - 28	Lemon peel, pine needles	7								
Sticklebract	12 - 15	35 - 40	Pine, lemon, resinous	7								
Wai-iti	2 - 4	23 - 28	Mandarin, lemon, lime zest	6								
Waimea	16 - 19	22 - 24	Tangerine, citrus, pine needles	9								
Wakatu	7 - 10	28 - 30	Vanilla, floral, lime	7								CONTRACT ONLY
Willamette	4 - 7	30 - 35	Blackcurrant, spicy, floral	6								
<b>AMERICAN VARIETIES</b>												
Ahtanum™	5 - 8	30 - 35	Floral, citrus, lemon	7								
Amarillo®	7 - 11	21 - 24	Floral, citrus, orange	9								
Apollo	15 - 19	24 - 28	Resinous, strong herbal	8								
Azacca™	14 - 16	38 - 45	Citrus, mango, pine	8								
Belma			Floral, strawberry, pineapple	6								
Bravo	14 - 18	29 - 34	Resinous, pine, plum	8								
Calypto	11 - 14	40 - 42	Pear, apple, peach	9								
Cascade	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Cashmere	7 - 10	22 - 24	Herbal, lemon, lime, melon								CONTRACT ONLY	CONTRACT ONLY
Centennial	7 - 12	29 - 30	Lemon, herbal, resinous	9								
Chinook	11 - 15	29 - 35	Grapefruit, citrus, pine	9							CONTRACT ONLY	
Citra®	11 - 14	22 - 24	Mango, tropical fruit, lime	9								
Cluster	6 - 9	37 - 43	Blackberry, spicy	6								
Columbus	14 - 20	28 - 32	Sherbert, black pepper, liquorice	9								
Comet	9 - 11	40 - 45	Grapefruit, spicy	8								
Crystal	3 - 6	20 - 26	Tangerine, citrus	6								
Delta	4 - 7	22 - 24	Pineapple, pear	5								
El Dorado®	13 - 17	28 - 33	Apricot, peaches	6							CONTRACT ONLY	CONTRACT ONLY
Ekuant™	13 - 16	31 - 36	Citrus, tropical fruit, herbal									
Eureka! (not to be confused with Slovenian Eureka)	17 - 20	28 - 30	Blackcurrant, dark fruits, herbal, pine									
Galena	10 - 14	36 - 40	Blackcurrant, spicy, grapefruit	6							CONTRACT ONLY	CONTRACT ONLY
Idaho 7	9 - 12	30 - 40	Tropical fruit, citrus, pine									
Jarrylo®	15 - 17	34 - 37	Banana, pear, orange, spicy	7								CONTRACT ONLY
Lemondrop	5 - 7	28 - 34	Lemon, mint, green tea, slightly melon								CONTRACT ONLY	CONTRACT ONLY
Liberty	3 - 5	24 - 30	Spicy, lemon, citrus	6								CONTRACT ONLY
Mosaic®	10 - 14	24 - 26	Tropical fruit, blueberry, citrus	9								
Mount Hood	4 - 7	21 - 23	Herbal, grapefruit	6							CONTRACT ONLY	
Nugget	10 - 14	22 - 30	Spicy, pear, peach	6								
Pekko	14 - 16	27 - 30	Floral, melon, pineapple									
Simcoe®	11 - 15	15 - 20	Pine, grapefruit, passionfruit	9								
Sorachi Ace	10 - 14	20 - 26	Lemon, coconut	7								
Sterling	5 - 9	22 - 28	Lemon, pineapple, spicy	6								
Summit™	13 - 15	26 - 33	Pink grapefruit, orange	8								
Tettnang	4 - 7	22 - 28	Earthy, herbal, floral	5								
Warrior®	13 - 15	22 - 26	Resinous, herbal, pine	6								
Willamette	4 - 7	30 - 35	Blackcurrant, spicy, floral	6								
ADHA 484	9 - 12										CONTRACT ONLY	CONTRACT ONLY
ADHA 527	12 - 15											
ADHA 529	9 - 12										CONTRACT ONLY	CONTRACT ONLY



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<b>ORGANIC VARIETIES</b>												
<b>Belgium</b>												
Cascade (Organic)	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Challenger (Organic)	5 - 9	20 - 25	Spicy, cedar, green tea	7							CONTRACT ONLY	CONTRACT ONLY
Fuggles	4 - 7	29 - 30	Grassy, minty, earthy	6								
Goldings (Organic)	4 - 8	26 - 32	Spicy, honey, earthy	6							CONTRACT ONLY	CONTRACT ONLY
WGV (Organic)	5 - 8	32 - 43	Spicy, herbal, earthy	7								
<b>Czech Republic</b>												
Saaz (Organic)	2 - 5	23 - 26	Earthy, herbal, floral	5								CONTRACT ONLY
Premiant (Organic)	6 - 10	18 - 23	Floral, earthy, herbal	5								
<b>Germany</b>												
Brewers Gold (Organic)	5 - 9	40 - 48	Spicy, blackcurrant, lemon	8								
Hallertau Blanc	9 - 12	22 - 26	Floral, passionfruit, lemongrass									
Hersbrucker (Organic)	2 - 4	17 - 25	Floral, herbal	6								
Magnum (Organic)	11 - 15	21 - 29	Resinous, herbal, pine	8								
Mandarina Bavaria	8.5 - 10.5	33	Tangerine, fruity, sweet	7								
Mittlefruh (Organic)	3 - 6	18 - 28	Herbal, floral, grassy	6								
Tradition (Organic)	4 - 7	24 - 30	Herbal, floral, grassy	5								CONTRACT ONLY
Opal (Organic)	5 - 8	13 - 17	spicy, light citrus	5								
Perle (Organic)	6 - 9	30 - 35	Spicy, cedar, orange	7								
Polaris (Organic)	19 - 23	22 - 28	Spicy, pine, mint									
Saphir (Organic)	2 - 4.5	12 - 17	Floral, herbal	5								
Spalt Select (Organic)	2 - 5	21 - 27	Herbal, floral, earthy	5								
Smaragd (Organic)	4 - 6	13 - 18	Spicy, herbal, floral	5								
<b>Poland</b>												
Cascade (Organic)	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Magnat (Organic)												CONTRACT ONLY
Magnum (Organic)	11 - 15	21 - 29	Resinous, herbal, pine	8								
Marynka (Organic)	8 - 10	26 - 33	Floral, resinous, herbal	6								
Pulawski (Organic)												
Sybilla (Organic)	6 - 8	26 - 31	Lemon, pine, floral	7								
<b>New Zealand</b>												
Cascade (Organic)	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Motueka (Organic)	5 - 8	25 - 35	Lemon, lime, floral	8								CONTRACT ONLY
Nelson Sauvín (Organic)	10 - 13	22 - 26	Gooseberry, grapefruit	9								CONTRACT ONLY
Pacific Gem (Organic)	13 - 18	37 - 40	Blackberry, oak, pine	7								
Rakau (Organic)	11 - 14	22 - 25	Tropical fruit, passionfruit, citrus	9								CONTRACT ONLY
Wakatu (Organic)	7 - 10	28 - 30	Vanilla, floral, lime	7								CONTRACT ONLY
<b>United Kingdom (UK)</b>												
Boadicea (Organic)	6 - 9	21 - 27	Spicy, light floral	6								
Challenger (Organic)	5 - 9	20 - 25	Spicy, cedar, green tea	7								
First Gold (Organic)	6 - 9	29 - 34	Orange, marmalade, spicy	6							CONTRACT ONLY	
Fuggles (Organic)	4 - 7	29 - 30	Grassy, minty, earthy	6								
Goldings (Organic)	4 - 8	26 - 32	Spicy, honey, earthy	6								
Northdown (Organic)	6 - 9	24 - 29	Spicy, cedar, pine	7								
Pilgrim (Organic)	9 - 12	36 - 38	Spicy, cedar, honey	6								
Sovereign (Organic)	4 - 7	22 - 30	Grassy, floral, earthy	6								
Target (Organic)	9 - 12	35 - 40	Pine, cedar, liquorice	9								
<b>United States (USA)</b>												
Ahtanum™ (Organic)	5 - 8	30 - 35	Floral, citrus, lemon	7								
Azacca™	14 - 16	38 - 45	Citrus, mango, pine	8								
Cascade (Organic)	5 - 9	33 - 40	Lychees, floral, grapefruit	9								
Chinook (Organic)	11 - 15	29 - 35	Grapefruit, citrus, pine	9								
Citra® (Organic)	11 - 14	22 - 24	Mango, tropical fruit, lime	9								
El Dorado®	13 - 17	28 - 33	Apricot, peaches	6								



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Jarrylo™ (Organic)	15 - 17	34 - 37	Banana, pear, orange, spicy	7								
Palisade® (Organic)	6 - 10	24 - 29	Citrus, blackcurrant, grapefruit	7								
Simcoe® (Organic)	11 - 15	15 - 20	Pine, grapefruit, passionfruit	9								
Sterling (Organic)	5 - 9	22 - 28	Lemon, pineapple, spicy	6								