

BSG® Hop Solutions	Alpha Acid Range %	Beta Acid Range %	Co-H as % of Alpha	Total Oils mls/100 gr.
HS-Sitiva®	7.2 - 7.6	4.2 - 4.5	27 - 28	0.9
HS-Evergreen™	7.0 - 7.5	4.3 - 4.5	N/A	1.2
HS-Nobility™	4.2 - 4.5	4.9 - 5.3	27	0.7
HS-Sequoia®	9.0 - 12.0	3.5 - 5.5	28 - 32	1.5 - 2.5
HS-Zamba®	8.0 - 12.0	4.0 - 6.0	28 - 32	1.5 - 2.5

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USA	Amarillo®	8.0 - 11.0	6.0 - 7.0	21 - 24	1.5 - 1.9
	Azacca®	14.0 - 16.0	4.0 - 5.5	38 - 45	1.6 - 2.5
	Cascade	4.5 - 7.0	4.8 - 7.0	33 - 40	0.7 - 1.4
	Cashmere	7.7 - 9.1	3.3 - 7.1	22 - 24	1.2 - 1.4
	Centennial	9.5 - 11.5	3.5 - 4.5	29 - 30	1.5 - 2.5
	Challenger	6.5 - 8.5	3.0 - 4.0	20 - 23	1.0 - 1.5
	Chinook	11.0 - 14.0	3.0 - 4.0	29 - 35	1.7 - 2.7
	Citra®	11.0 - 13.0	3.5 - 4.5	22 - 24	2.2 - 2.8
	Cluster	5.5 - 8.5	4.5 - 5.5	33 - 43	0.4 - 0.8
	Comet	9.0 - 12.0	3.0 - 6.0	40 - 45	1.0 - 1.5
	Crystal	3.5 - 5.5	4.5 - 6.5	20 - 26	0.8 - 2.1
	CTZ	14.5 - 16.5	4.0 - 5.0	28 - 32	2.0 - 3.0
	Ekuanot®	14.5 - 15.5	4.5 - 5.5	32 - 38	2.5 - 4.5
	El Dorado®	14.0 - 16.0	7.0 - 8.0	28 - 31	2.5 - 2.8
	Galena	11.5 - 13.5	7.2 - 8.7	36 - 40	0.9 - 1.3
	Idaho 7™	13.0 - 15.0	4.0 - 5.0	30 - 40	1.0 - 1.6
	Idaho Gem™	11.0 - 14.0	5.0 - 7.0	40 - 45	1.3 - 2.0
	Jarrylo®	15.0 - 17.0	6.0 - 7.5	34 - 37	3.6 - 4.3
	Liberty	3.0 - 5.0	3.0 - 4.0	24 - 30	0.6 - 1.8
	Mosaic®	11.5 - 13.5	3.2 - 3.9	24 - 26	1.0 - 1.5
	Mount Hood	4.0 - 7.0	5.0 - 8.0	21 - 23	1.6 - 3.4
	Nugget	11.5 - 14.0	3.0 - 5.8	22 - 30	1.8 - 2.2
	Pahto™	17.0 - 20.0	4.5 - 6.0	30 - 32	1.0 - 2.5
	Sabro®	12.0 - 16.0	4.0 - 7.0	20 - 24	2.5 - 3.5
	Sorachi Ace	11.0 - 12.5	6.5 - 7.0	23 - 26	2.0 - 2.8
	Sterling	6.0 - 9.0	4.0 - 6.0	22 - 28	1.3 - 1.9
	Summit™	15.0 - 18.0	4.0 - 6.0	26 - 33	1.5 - 2.5
	Tettnang	4.0 - 5.5	3.0 - 5.0	22 - 28	0.5 - 0.9
Triumph	9.0 - 12.0	3.0 - 5.0	N/A	0.8 - 1.8	
Warrior®	14.5 - 16.5	4.3 - 5.3	22 - 26	1.3 - 1.7	
Willamette	4.0 - 6.0	3.0 - 4.5	30 - 35	1.0 - 1.5	
Zappa™	6.0 - 8.0	8.0 - 9.0	40 - 45	1.8 - 2.5	
AUS	Galaxy™	13.5 - 15.0	5.8 - 6.0	33 - 35	2.4 - 4.0
	Vic Secret	14.0 - 17.0	6.1 - 7.8	51 - 56	2.2 - 2.8
CZH	Kazbek	5.0 - 8.0	4.0 - 6.0	35 - 40	0.9 - 1.8
	Saaz	2.0 - 5.0	4.5 - 8.0	23 - 26	0.4 - 1.0

HOP LISTING CONTINUED...



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Boadicea	8.0 - 10.0	3.5 - 4.5	24 - 26	1.3 - 2.0
Challenger	6.5 - 8.5	4.0 - 4.5	20 - 25	1.0 - 1.7
East Kent Golding	4.0 - 6.5	1.9 - 2.8	20 - 25	0.4 - 0.8
Fuggle	3.0 - 5.6	2.0 - 3.0	25 - 30	0.7 - 1.4
Progress	5.0 - 7.5	1.8 - 2.7	25 - 27	0.5 - 0.8
Sovereign	4.5 - 6.5	2.1 - 3.1	26 - 30	0.6 - 1.0
Target	9.5 - 12.5	4.3 - 5.7	35 - 40	1.2 - 1.4
WGV	5.0 - 7.5	2.5 - 3.5	35 - 39	0.8 - 1.2



Ariana	10.0 - 13.0	4.5 - 6.0	40 - 42	1.6 - 2.4
Ariana T-45 Pellets	10.0 - 13.0	4.5 - 6.0	40 - 42	1.6 - 2.4
Callista	2.0 - 5.0	5.0 - 10.0	15 - 21	0.7 - 1.5
German Amarillo® T-45 Pellets	11.0 - 13.0	10.0 - 12.0	21 - 24	2.5 - 3.5
Hallertau Blanc	9.0 - 11.0	4.0 - 7.0	28 - 35	1.2 - 2.2
Hallertau Blanc T-45 Pellets	9.0 - 11.0	4.0 - 7.0	28 - 35	1.2 - 2.2
Hallertau Mittlefrüh	3.0 - 5.5	3.0 - 5.0	18 - 28	0.7 - 1.3
Hallertau Mittlefrüh T-45 Pellets	3.0 - 5.5	3.0 - 5.0	18 - 28	0.7 - 1.3
Hersbrucker	1.5 - 4.0	2.5 - 6.0	17 - 25	0.5 - 1.0
Huell Melon	7.0 - 8.0	6.0 - 8.0	25 - 28	0.8 - 1.2
Huell Melon T-45 Pellets	7.0 - 8.0	6.0 - 8.0	25 - 28	0.8 - 1.2
Magnum	11.0 - 16.0	5.0 - 7.0	21 - 29	1.6 - 2.6
Mandarina Bavaria	7.0 - 10.0	4.0 - 7.0	31 - 35	1.5 - 2.2
Mandarina Bavaria T-45 Pellets	7.0 - 10.0	4.0 - 7.0	31 - 35	1.5 - 2.2
Northern Brewer	6.0 - 10.0	3.0 - 5.0	27 - 32	1.6 - 2.1
Perle	4.0 - 8.0	2.5 - 4.5	29 - 35	0.5 - 1.5
Polaris	18 - 24	5.0 - 6.5	22 - 29	4.4 - 4.8
Saphir	2.0 - 4.5	4.0 - 7.0	12 - 17	0.8 - 1.4
Select	3.0 - 6.5	2.5 - 5.0	21 - 27	0.6 - 0.9
Tettnang	2.5 - 5.5	3.0 - 5.0	22 - 28	0.5 - 0.9
Tradition	4.0 - 7.0	3.0 - 6.0	24 - 30	1.0 - 1.4



Dr. Rudi (Super Alpha)	10.0 - 12.0	7.0 - 8.5	36 - 39	1.0 - 1.4
Green Bullet	11.0 - 14.0	6.5 - 7.0	38 - 43	1.0 - 1.4
Kohatu®	6.0 - 7.0	5.0 - 6.0	21 - 23	1.0 - 1.5
Motueka™	6.5 - 7.5	5.0 - 5.5	28 - 30	0.8 - 1.0
Moutere™	17.5 - 19.5	8.0 - 10.0	24 - 28	1.5 - 1.9
Nelson Sauvín™	12.0 - 13.0	6.0 - 8.0	23 - 25	0.9 - 1.2
NZH-107	8.0 - 11.0	5.0 - 7.0	27 - 31	1.4 - 2.2
Pacifica™	5.0 - 6.0	5.0 - 6.0	24 - 26	0.9 - 1.2
Pacific Gem	13.0 - 15.0	7.0 - 9.0	37 - 40	1.0 - 1.3
Pacific Jade™	12.0 - 14.0	7.0 - 8.0	23 - 25	1.1 - 1.5
Rakau™	9.0 - 11.0	5.0 - 6.0	23 - 25	1.8 - 2.2
Southern Cross	11.0 - 14.0	5.0 - 6.0	25 - 28	1.4 - 1.8
Wai-iti™	2.5 - 3.5	4.5 - 5.5	22 - 24	1.4 - 1.8
Waimea™	16.0 - 19.0	7.0 - 9.0	22 - 24	1.8 - 2.3
Wakatu	6.5 - 8.5	8.0 - 8.5	28 - 30	0.9 - 1.2



Styrian Golding Celeia	3.0 - 6.0	2.0 - 6.0	26 - 29	0.6 - 3.6
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CO <sub>2</sub> Hop Extract		
Alpha	Centennial	El Dorado®
Amarillo®	Chinook	Summit™
Cascade	Crystal	Warrior®

BSG Custom Hop Blends
Lambic Hop Blend

