








2017 BSG HOP LISTING

2016 Crop Year

| Hop Variety | Alpha Acid Range % | Beta Acid Range % | Co-H as % of Alpha | Total Oils mls/100 gr. | Country of Origin |
|--|--------------------|-------------------|--------------------|------------------------|-------------------|
|  Amarillo® | 8.0 - 11.0 | 6.0 - 7.0 | 21 - 24 | 1.5 - 1.9 | United States |
| Azacca® | 14.0 - 16.0 | 4.0 - 5.5 | 38 - 45 | 1.6 - 2.5 | United States |
| Cascade | 4.5 - 7.0 | 4.8 - 7.0 | 33 - 40 | 0.7 - 1.4 | United States |
| Cashmere | 7.7 - 9.1 | 3.3 - 7.1 | 22 - 24 | 1.2 - 1.4 | United States |
| Centennial | 9.5 - 11.5 | 3.5 - 4.5 | 29 - 30 | 1.5 - 2.5 | United States |
| Challenger | 6.5 - 8.5 | 3.0 - 4.0 | 20 - 23 | 1.0 - 1.5 | United States |
| Chinook | 11.0 - 14.0 | 3.0 - 4.0 | 29 - 35 | 1.7 - 2.7 | United States |
| Citra® | 11.0 - 13.0 | 3.5 - 4.5 | 22 - 24 | 2.2 - 2.8 | United States |
| Cluster | 5.5 - 8.5 | 4.5 - 5.5 | 37 - 43 | 0.4 - 0.8 | United States |
| Comet | 9.0 - 12.0 | 3.0 - 6.0 | 40 - 45 | 1.4 - 3.3 | United States |
| Crystal | 3.5 - 5.5 | 4.5 - 6.5 | 20 - 26 | 0.8 - 2.1 | United States |
| CTZ | 14.5 - 16.5 | 4.0 - 5.0 | 28 - 32 | 2.0 - 3.0 | United States |
| El Dorado™ | 14.0 - 16.0 | 7.0 - 8.0 | 28 - 31 | 2.5 - 2.8 | United States |
| Ekuanot™ | 14.5 - 15.5 | 4.5 - 5.5 | 32 - 38 | 2.5 - 4.5 | United States |
| Galena | 11.5 - 13.5 | 7.2 - 8.7 | 36 - 40 | 0.9 - 1.3 | United States |
| Idaho 7™ | 13.0 - 15.0 | 4.0 - 5.0 | - | 1.0 - 1.6 | United States |
| Jarrylo™ | 15.0 - 17.0 | 6.0 - 7.5 | 34 - 37 | 3.6 - 4.3 | United States |
| Liberty | 3.0 - 5.0 | 3.0 - 4.0 | 24 - 30 | 0.6 - 1.8 | United States |
| Mosaic® | 11.5 - 13.5 | 3.2 - 3.9 | 24 - 26 | 1.0 - 1.5 | United States |
| Mount Hood | 4.0 - 7.0 | 5.0 - 8.0 | 21 - 23 | 1.6 - 3.4 | United States |
| Nugget | 11.5 - 14.0 | 3.0 - 5.8 | 22 - 30 | 1.8 - 2.2 | United States |
| Sorachi Ace | 11.0 - 12.5 | 6.5 - 7.0 | 23 - 26 | 2.0 - 2.8 | United States |
| Sterling | 6.0 - 9.0 | 4.0 - 6.0 | 22 - 28 | 1.3 - 1.9 | United States |
| Summit™ | 15.0 - 18.0 | 4.0 - 6.0 | 26 - 33 | 1.5 - 2.5 | United States |
| Tettnang | 4.0 - 5.5 | 3.0 - 5.0 | 22 - 28 | 0.5 - 0.9 | United States |
| Warrior® | 14.5 - 16.5 | 4.3 - 5.3 | 22 - 26 | 1.3 - 1.7 | United States |
| Willamette | 4.0 - 6.0 | 3.0 - 4.5 | 30 - 35 | 1.0 - 1.5 | United States |
|  Galaxy™ | 13.5 - 15.0 | 5.8 - 6.0 | 33 - 35 | 2.4 - 4.0 | Australia |
| Vic Secret | 14.0 - 17.0 | 6.1 - 7.8 | 51 - 56 | 2.2 - 2.8 | Australia |
|  Kazbek | 5.0 - 8.0 | 4.0 - 6.0 | 35 - 40 | 0.9 - 1.8 | Czech Republic |
| Saaz | 2.0 - 5.0 | 4.5 - 8.0 | 23 - 26 | 0.4 - 1.0 | Czech Republic |
|  Boadicea | 8.0 - 10.0 | 3.5 - 4.5 | 24 - 26 | 1.3 - 2.0 | United Kingdom |
| Challenger | 6.5 - 8.5 | 4.0 - 4.5 | 20 - 25 | 1.0 - 1.7 | United Kingdom |
| East Kent Golding | 4.0 - 6.5 | 1.9 - 2.8 | 20 - 25 | 0.4 - 0.8 | United Kingdom |
| Fuggle | 3.0 - 5.6 | 2.0 - 3.0 | 25 - 30 | 0.7 - 1.4 | United Kingdom |
| Progress | 5.0 - 7.5 | 1.8 - 2.7 | 25 - 27 | 0.5 - 0.8 | United Kingdom |
| Sovereign | 4.5 - 6.5 | 2.1 - 3.1 | 26 - 30 | 0.6 - 1.0 | United Kingdom |
| Target | 9.5 - 12.5 | 4.3 - 5.7 | 35 - 40 | 1.2 - 1.4 | United Kingdom |
| WGV | 5.0 - 7.5 | 2.5 - 3.5 | 35 - 39 | 0.8 - 1.2 | United Kingdom |
|  Hallertau Blanc | 9.0 - 11.0 | 4.0 - 7.0 | 28 - 35 | 1.2 - 2.2 | Germany |
| Hallertau Mittlefrüh | 3.0 - 5.5 | 3.0 - 5.0 | 18 - 28 | 0.7 - 1.3 | Germany |
| Hersbrucker | 2.0 - 4.0 | 2.5 - 6.0 | 17 - 25 | 0.5 - 1.0 | Germany |
| Huell Melon | 7.0 - 8.0 | 6.0 - 8.0 | 25 - 28 | 0.8 - 1.2 | Germany |
| Magnum | 11.0 - 16.0 | 5.0 - 7.0 | 21 - 29 | 1.6 - 2.6 | Germany |
| Mandarina Bavaria | 7.0 - 10.0 | 4.0 - 7.0 | 31 - 35 | 1.5 - 2.2 | Germany |
| Northern Brewer | 6.0 - 10.0 | 3.0 - 5.0 | 27 - 32 | 1.6 - 2.1 | Germany |
| Perle | 4.0 - 8.0 | 2.5 - 4.5 | 29 - 35 | 0.5 - 1.5 | Germany |
| Polaris | 18 - 24 | 5.0 - 6.5 | 22 - 29 | 4.4 - 4.8 | Germany |
| Saphir | 2.0 - 4.5 | 4.0 - 7.0 | 12 - 17 | 0.8 - 1.4 | Germany |
| Select | 3.0 - 6.5 | 2.5 - 5.0 | 21 - 27 | 0.6 - 0.9 | Germany |
| Tettnang | 2.5 - 5.5 | 3.0 - 5.0 | 22 - 28 | 0.5 - 0.9 | Germany |
| Tradition | 4.0 - 7.0 | 3.0 - 6.0 | 24 - 30 | 1.0 - 1.4 | Germany |
|  Dr. Rudi (Super Alpha) | 10.0 - 12.0 | 7.0 - 8.5 | 36 - 39 | 1.0 - 1.4 | New Zealand |
| Green Bullet | 11.0 - 14.0 | 6.5 - 7.0 | 41 - 43 | 1.0 - 1.4 | New Zealand |
| Kohatu | 6.0 - 7.0 | 5.0 - 6.0 | 21 - 23 | 1.0 - 1.5 | New Zealand |
| Motueka | 6.5 - 7.5 | 5.0 - 5.5 | 28 - 30 | 0.8 - 1.0 | New Zealand |
| Nelson Sauvin | 12.0 - 13.0 | 6.0 - 8.0 | 23 - 25 | 0.9 - 1.2 | New Zealand |
| Pacific Gem | 13.0 - 15.0 | 7.0 - 9.0 | 37 - 40 | 1.0 - 1.3 | New Zealand |
| Pacific Jade | 12.0 - 14.0 | 7.0 - 8.0 | 23 - 25 | 1.1 - 1.5 | New Zealand |
| Pacifica | 5.0 - 6.0 | 5.0 - 6.0 | 24 - 26 | 0.9 - 1.2 | New Zealand |
| Rakau | 9.0 - 11.0 | 5.0 - 6.0 | 23 - 25 | 1.8 - 2.2 | New Zealand |
| Southern Cross | 11.0 - 14.0 | 5.0 - 6.0 | 25 - 28 | 1.0 - 1.4 | New Zealand |
| Wai-iti | 2.5 - 3.5 | 4.5 - 5.5 | 22 - 24 | 1.4 - 1.8 | New Zealand |
| Waimea | 16.0 - 19.0 | 7.0 - 9.0 | 22 - 24 | 1.8 - 2.3 | New Zealand |
| Wakatu | 6.5 - 8.5 | 8.0 - 8.5 | 28 - 30 | 0.9 - 1.2 | New Zealand |
|  Styrian Golding Celeia | 3.0 - 6.0 | 2.0 - 6.0 | 26 - 29 | 0.6 - 3.6 | Slovenia |