



Horizon

U.S.
Dual Purpose Hop

A diploid high alpha hop, Horizon was a USDA selection of a cross made in Oregon in 1970 and released in 1997. It is a half sister of Nugget with a breeding line that includes Brewers Gold, Early Green Hops and a USDA experimental variety. It is notably low in cohumulone with high myrcene content and a pleasant aroma.

Pedigree	Half-sister of Nugget
Aroma	Floral and spicy
Alpha Acids*	11.0 - 13.0 %
Beta Acids	6.5 - 8.5 %
Cohumulone	16 - 19 % of alpha acids
Total Oil	1.5 - 2.0 ml/100g
Myrcene	55 - 65 % of total oil
Humulene	11 - 13 % of total oil
Caryophyllene	7 - 9 % of total oil
Farnesene	2 - 4 % of total oil
Storage Stability	Fair to good

* Alpha acids are determined by conductometric titration (EBC 7.4) in Europe; by spectrophotometric (ASBC Hops-6) in USA