



Cascade:

Cascade is an aroma-type cultivar which originated as the first commercial hop from the USDA-ARS breeding program. It was bred in 1956 but not released for cultivation until 1972. It reached its peak in 1975 when it produced 13.3% of the total American crop. It was obtained by crossing an English Fuggle with a male plant, which originated from the Russian variety Serebrianka with a Fuggle male plant.



Aroma: Fragrant, citrusy and flowery.

Alpha Acid: Moderate 4% - 6.5%

Typical Usage: Flavoring and Aroma. Cascade is often used in highly hopped West Coast ales that have a citrus-floral hop character.

Beer Styles: American Beers

Nugget:

Nugget is a bittering-type cultivar, bred in 1970 from the USDA 65009 female plant and USDA 63015M. The lineage of Nugget is 5/8 Brewers Gold, 1/8 Early Green, 1/16 Canterbury Golding, 1/32 Bavarian and 5/32 unknown.

Aroma: Heavy spicy-herbal, and similar to Northern Brewer.

Alpha Acid: 12.5% - 14.5%

Typical Usage: Bittering. Some sources reported getting some good dry hopping results from using Nugget.

Beer Styles: American ales and lagers.

Willamette:

Willamette is a triploid aroma-type hop, which originated in the mid 1970's and is a seedling of Fuggle. It is a very popular aroma hop, contributing in 1998 to 18% of the total USA hop crop.

Aroma: Mild having a fragrant spicy, herbal, woody, and earthy aroma.

Alpha Acid: 4% - 6%

Typical Usage: Aromatic. Flavoring is also a primary use.

Beer Styles: An excellent American hops for ales and lagers.



Mt. Hood:

Mt. Hood is a triploid aroma-type cultivar, the 1983 result of a cross between the colchicine - induced tetraploid female Hallertau mf (USDA 21397) and the USDA 19058M, male plant. It is a half-sister to Ultra, Liberty and Crystal.

Aroma: An aromatic variety with a refined, spicy aroma and clean bittering.

Alpha Acid: Between 4.0% -6.0%

Typical Usage: Aroma

Beer Styles: This hop variety would work well in lagers with its clean bittering. Maybe a nice American Wheat.

Perle:

Perle is an aroma-type cultivar, bred in 1978 in Germany from Northern Brewer. It is grown in Germany, Belgium and the U. S. A.

Aroma/Flavor: Very clean, almost minty bitterness and pleasant aroma, the spicy nobleness of other German hops.

Alpha Acid: 7.0% - 9.5%

Typical Usage: All sources pointed to that dual purpose moniker. I would lean towards flavoring. Seems to play well with others.

Beer Styles: Large variety of beers. German styles. Some sources said to not use them in Pilsners.

Sterling:

Sterling is an aroma cultivar, a diploid seedling made in 1990 with a 21522 female plant and a 21361 male plant. Its parentage is 1/2 Saazer, 1/4 Cascade, 1/8 64035M (unknown German aroma X open pollination), 1/16 Brewers Gold, 1/32 Early Green, and 1/32 unknown. (alpha acid: 4.5-5.0% / beta acid: 5.0-6.0%)

Aroma: Fine, Rustic, Earthy, Spicy. Similar to Saaz.

Alpha Acid: 4.5% -5.0%

Typical Usage: Used as aroma primarily. Used for bittering as well.

Beer Styles: Pilsners.