

# profile

# \*Bramling Cross

(Alpha Acid Content 5 – 7%) Wonderful aroma, nice neutral flavour and moderate bittering strength. Origin – U.K.

#### \*Brewers Gold

(Alpha Acid Content 4.5 – 6%) Bittering hop with neutral aroma character. Poor stability. Origin – U.S. / U.K.

# **Bullion**

(Alpha Acid Content 8 – 9%) All purpose bittering hop, poor aroma, poor stability. Best used in conjunction with other hops. Origin – U.S. / U.K.

#### Cascade

(Alpha Acid Content 5 – 6.5%) All purpose bittering and aroma hop. A floral, citrusy character, used in many North American beers. Poor stability. Origin – U.S.

#### \*Centennial

(Alpha Acid Content 10 – 12%) Strong citrus and pine aromas, but has higher bittering potential compared to Cascade. Can be used for bittering, flavour, or aroma. Origin – U.S.

#### Cluster

(Alpha Acid Content 6 – 8%)
Popular North American bittering hop. Poor aroma and flavour characteristics. Excellent stability.

Origin – U.S.

## **Fuggles**

(Alpha Acid Content 4 – 5.5%)
Traditional British ale, high seed content, bittering and aroma hop. Spicy mild aroma, fair stability.
Origin – U.S. / U.K.

# \*Galena

(Alpha Acid Content 12 – 13.5%)
Best choice for bitterness and flavour in low-hop American Pilsners and other low-hop lagers. Using a small amount of this highalpha hop minimizes secondary hop characteristics, which are undesirable in beers with very mild flavour. Very good stability. Origin – U.S..

# **Goldings**

(Alpha Acid Content 4.5 – 5.5%)
Traditional British ale hop used in bittering and aroma. A classic for Pale Ales and Bitter. Fair stability.
Origin – U.K.

#### Hallertauer

(Alpha Acid Content 4.5 – 5.5%) Excellent aroma hop. Traditional for German lager. Herbal, spicy flavour and aroma. Poor stability. Origin – U.S. / Germany

## \*Hersbrucker

(Alpha Acid Content 5 – 6.5%) Traditional lager hop. Excellent aroma; spicy flavour and aroma. Poor stability. Origin – U.S. / Germany.

### \*Kent

(Alpha Acid Content 4.5 – 6.5%) Excellent for bitterness, flavour and aroma that's uniquely and distinctly British. Fair stability. Origin – U.K

# \*Mount Hood

(Alpha Acid Content 5 – 6%)
Used in both ales and lagers as an all-purpose hop. Pine and citrus notes are low compared to other Northwestern hop varieties. Fair stability.

Origin – U.S.

## Northern Brewer

(Alpha Acid Content 7.5 – 9%) Traditional European lager bittering hop. Bitter and very fragrant. Fair stability. Origin – U.S. / Germany

### \*Nugget

(Alpha Acid Content 12.5 – 14%)
A good hop for bittering almost any beer, especially English style ales. You can substitute Nugget hops for Bullion and Brewer's Gold. Good stability.

Origin – U.S.

#### Perle

(Alpha Acid Content 7 – 9%) Good bittering and aroma hop for lager. Similar to Northern Brewer. Good stability. Origin – U.S.

#### Saaz

(Alpha Acid Content 4 – 6%)
Traditional European (Pilsner) lager hop. Used exclusively in the making of Pilsner Urquell.
This hop has a delicate spicy aroma and flavour. Fair stability.
Origin – Czechoslovakia

# \*Spalt

(Alpha Acid Content 3.5 – 4.5%)
Can be used as an all-purpose hop in Germanstyle lagers of all types, as well as many continental European ale varieties. Poor stability.

Origin – Germany

## **Styrian Gold**

(Alpha Acid Content 5.5 – 7%) Very good British ale bittering hop, good aroma. Similar to Fuggles. Fair stability. Origin – U.S. / Yugoslavia

## Tettnanger

(Alpha Acid Content 4 – 6%) Very good lager hop. Similar to Hallertauer. Very spicy in flavour and aroma. Poor stability. Origin – U.S. / Germany

# Willamette

(Alpha Acid Content 5 – 6%)
Seedless version of Fuggles developed for lager. Excellent aroma. Good for ale or lager. Fair stability.
Origin – U.S.

**Stability** Very Good 90% of bitterness remains after 4 months of storage at 70°F or 21°C Good 80 - 90% 60 - 80% Fair Less than 60% Poor Stability is extended dramatically when stored at cold temperatures and in an oxygen environment.





Make Your Own Beer and Wine... At Home, Naturally!