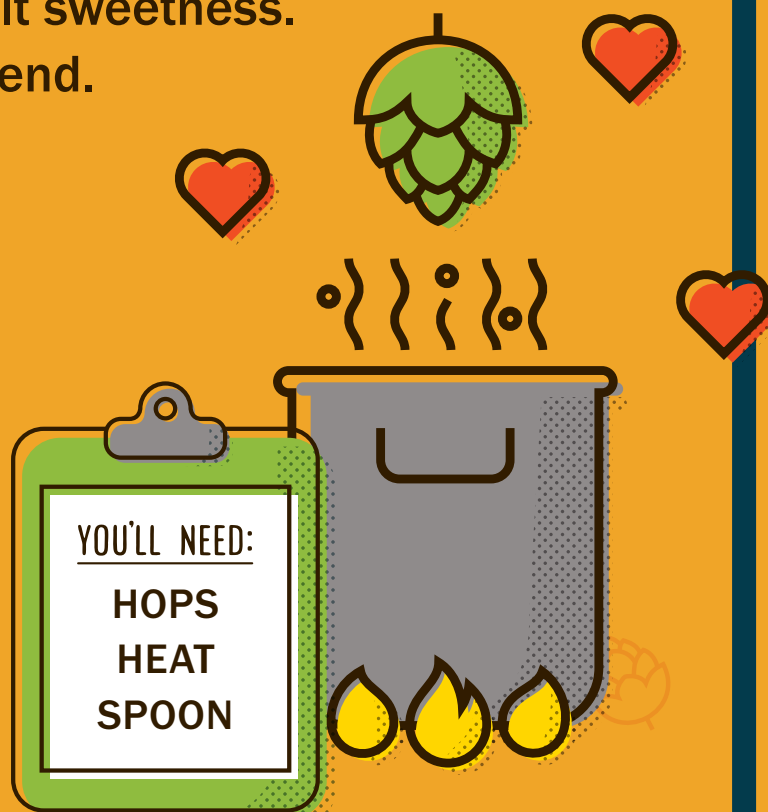


STEP 2

BOIL

BITTERSWEET BESTIES

With any great relationship, there is balance. Boiling your wort with hops infuses it with bitterness, flavors, and aromas that complement malt sweetness. Hops are your friend.



HOPS

Hops are cone-shaped flowers that contribute balance to beer. They are added as a spice. Hops impart bitterness that balances the sweetness of malt, and can add a range of flavors and aromas, including floral, herbal, spicy, citrus and pine.

Many different spices have been used to flavor beer throughout history. But, hops became the spice of choice because of their unique flavors, aromas and preservative qualities.

Hops used by brewers come as either pellets or whole flowers.



HOP VARIETY

CASCADE

One of the most popular hop varieties in most commercial craft and homebrewed beers, Cascade hops are known for having a unique floral, spicy and citrus character with a balanced bitterness level.

- » **Aroma:** Grapefruit, Floral, Citrus
- » **Beer Styles:** Pale Ale, IPA, Amber Ale
- » **Alpha Acid:** 5.5 – 9% (Medium)



HOP VARIETY

HALLERTAU

US Hallertau originates from the classic Hallertau variety of Germany. It is one of the four noble hop varieties that were traditionally used to make European beers. Despite low yield and low resistance to disease, Hallertau remains a historic hop and is often celebrated in the production of purist recipes and traditional beer styles.

- » **Aroma:** *Mild, Slightly Floral, Spicy*
- » **Beer Styles:** *Pilsner, Lager, Bock*
- » **Alpha Acid:** 3.5 – 6.5% (Low)

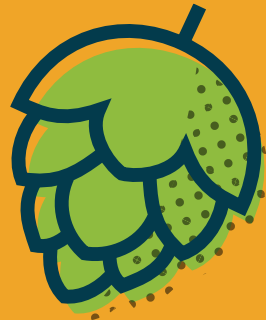


HOP VARIETY

SIMCOE

Simcoe is known for its brewing versatility and unique aroma characteristics. It continues to rise in popularity becoming one of the top ten varieties used by craft brewers and homebrewers.

- » **Aroma:** *Passionfruit, Berry, Pine, Earth, Citrus*
- » **Beer Styles:** *IPA, Pale Ale, Wheat, Saison, Amber*
- » **Alpha Acid:** *11.5 – 15% (High)*



HOP VARIETY

CENTENNIAL

Centennial is an aroma-type cultivar that has found favor as one of the most popular varieties in craft brewing. It is often referred to as a super-Cascade (containing nearly double the alpha content) and can be used for bittering purposes.

» **Aroma:** *Lemon, Floral*

» **Beer Styles:** *Pale Ale, IPA*

» **Alpha Acid:** *7 – 12% (Medium)*

