



847-359-BREW

WhatsBrewingSupply.COM

What's A Barleywine

5 Gallon Extract Instructions

Cleaning and Sanitizing

Both a cleaner and a sanitizer should be used. Each has their own function. Cleaners remove organics which are food for unwanted contaminants.

PBW is an example of a cleaner. Use 1 tablespoon in 2-3 gallon of warm to hot water. Let it soak. Scrub surface with brush and rinse 3 X using water.

Sanitizers remove the unwanted contaminants (bacteria and yeast). Star San is an example of a sanitizer. Dilute ½ oz in 2.5 gallons. Place in a spray bottle and or dip equipment just prior to use. It can be used wet. 30 seconds of contact will kill 98% of the bacteria. A good rule is to clean all your equipment after its use. Then it will be ready to sanitize just before use.

The Recipe

IBU=102 ABV=8.4% OG=1.081 EG=1.019

Extract:

10 Lb Golden Light DME , 8 oz MaltoDextrin

Grains: (Place the grains in the muslin bag)

Caramunich II (1 lb), Special B(4 oz);

Hops:

Chinook 1.5 oz - 60 min; Chinook 1 oz – 15 min;

Cascade 1 oz – 5 min;

Cascade 1 oz – 0 min; Chinook .5 oz – 0 Min

Priming sugar: 5 oz corn sugar

Yeast: Fermentis Us-05 3 Packets

The Process

1. Heat the water to 160 degrees F and turn off the heat.
 - If the water is city water, the chlorine needs to be removed. Either carbon filter or let it sit out overnight. Don't use well or RO water. Buy spring water from the store.
 - Rule of thumb; boil as much water as your pot allows. (Up to 5 gallons) 0.5-1 gallon will be lost in boiling (60 minute boil).
2. Steep the **grains** for 30 minutes.
3. Remove grain bag and discard.
4. Heat the wort to just below a boil.
5. Turn off your heat source then add the **extract** and **MaltoDextrin** using the whirlpool technique so the extract dissolves, and doesn't burn on the bottom of the kettle. After it is all dissolved, turn heat back on.
6. Bring to a boil for 30 minutes.

7. Start the timer countdown (another 60 minutes) and add the 60 minute hops. Follow **The Recipe** for more hop additions.
8. Timer at **15 minutes** (Optional): add **Yeast Nutrient** and **Whirlfloc** or **Irish moss**.
9. Timer at 0: Stop heating. **Note: Everything that touches the beer from this point on should be sanitized.**
10. Remove from heat and **Chill wort (use an ICE BATH IF NO CHILLER)**.
11. When **Temperature** of wort is less than 70 degrees F:
 - Transfer to fermenter splashing wort to oxygenate. Top off to 5.5 gallons with water if needed. **Oxygenation is needed to help the yeast get started. Pour the beer back and forth between 2 sanitized buckets or shake the carboy for 2 minutes.** Note: This will be the only time you want to oxygenate the wort. Avoid exposing the beer to air anytime after this point.
 - Pull a sample and Record starting **Specific Gravity OG= _____**
 - **Add Yeast and airlock.** Add the dry yeast to 1/2 cup of lukewarm water 10 min before pitching.
 - You will want to rig a blow-off tube.
12. Place the fermenter in dark cool spot (65-70 degrees F).
13. The next day check, for activity. It could take up to 48 hours for the airlock to start bubbling.
14. Ferment until the krausen that has formed on top has dissipated (usually 2 weeks).
15. Rack into a 5 gallon **Carboy**. Add whiskey soaked **OAK Chips** By secondary fermenting, the beer will clarify and the flavors will mature.
16. Wait at least 2 weeks. 2 months recommended. Record Ending Gravity. **EG= _____**
17. **Bottle:** Dissolve **Priming Sugar** in 1/2 cup of preboiled luke warm water and place into sanitized bottling bucket. Rack the beer on top. If in secondary longer than 3 weeks add a packet of yeast. Sanitize the caps and bottles then bottle using the bottling bucket and bottle filler, fill each bottle 1 inch below the top and cap. Store them at room temperature while carbonating.
18. Wait 2 weeks.....Chill your first beer and test for carbonation... It could take up to 3 weeks to fully carbonate.

Cheers!!!!!!!!!!