

LOVE2BREW

SCHWARZBIER (EXTRACT – 2.5 GALLON)



Schwarzbiere (translated to Black Beer) are dark, German lagers that showcase a beautiful balance between roasted malt flavors, moderate hop bitterness, and incredibly smooth drinkability. Notes of slight coffee and dark chocolate are expressed both in aroma and in the flavor of the beer and tend to linger throughout the drinking experience. Traditional German Hallertau hops add a pleasant but light spice and floral note to the taste increasing the depth and complexity of the brew. Despite its color our Schwarzbier has a light body and a slightly dry finish that rounds out a quaffable brew designed for everyone.

KIT STATISTICS

- 2 Weeks Primary Fermentation
- 4 Weeks Cold Secondary Fermentation
- 2 Weeks Bottle Conditioning
- Original Gravity: 1.055
- 5.1% ABV (Estimated)
- IBUs: 25.7
- SRM: 25.6
- 60 Minute Boil

HOMEBREW KIT CONTENTS

Malts & Specialty Grains

- 3.3 lb. Pilsner Malt Extract (Liquid)
- 1 lb. Pilsner Malt Extract (Dry)
- 4 oz. Carafo III
- 2 oz. Chocolate Malt

Hops

- 3/4 oz. German Hallertau (Bittering)
- 1/4 oz. German Hallertau (Aroma)

Yeast Choices:

- Saflager S-23
- White Labs German Lager Yeast (WLP830)
- Wyeast Bohemian Lager Yeast (2124)

Other

- 2 oz. Priming Sugar
- Mesh Grain Bag

EQUIPMENT:

- Brew Kettle (5 gallon capacity)
- 2x Fermenting Vessels
- Funnel
- Stirring Spoon
- Air lock
- Blow off tubing
- Bottles
- Racking Equipment
- Thermometer & Hydrometer
- Sanitizer

GETTING STARTED:

- If you haven't already done so read the "Basic of Brewing" guide included in your equipment kit.
 - Read over the entire contents of this recipe before you brew. This will help avoid any errors. You are adding the malt extract in two separate additions for this batch.
 - Upon receiving your kit refrigerate your yeast. One day before your brew day remove your yeast from your refrigerator and allow it reach room temperature. (~70°F)
 - Clean and Sanitize all equipment thoroughly; poor sanitization could ruin an otherwise perfect batch.
 - Crush grains: Many of our grains come pre-crushed; however it never hurts to examine your specialty grains first. If un-crushed simply using a rolling pin to crush grains.
 - You'll need approximately 3 hours to complete this brew. Schedule accordingly.
 - Homebrew (To enjoy in moderation while brewing)*
*Optional
- NOTE:** This kit uses **Lager Yeast** which need to ferment at ~50°F. Please see our love2learn article about proper lagering techniques.

BREW YOUR BEER

1. Add 2.5 gallons of water to your boil kettle. Bring the water to 155°F.
2. Pour specialty grains into the mesh bag and steep for 30 minutes. We recommend turning the heat a little lower during this phase; you do not want the water to heat over 170°F.
3. After 30 minutes remove steeping grains from water. Allow grains to drain but *do not* squeeze or press bag to wring out excess water.
4. Bring water to a boil.
5. Remove from heat and add 1 lb. of dry Pilsner Malt Extract to your water. Add 3.3 lb. liquid Pilsner Malt Extract. Stir.
6. At this point your mixture is now wort (pronounced "wert"; defined as unfermented beer). Allow your wort to return to a boil. Be sure to observe your boil so as to avoid a messy boil-over.
7. Once the foaming subsides begin your 60 minute boil process. Timing is referred to by minutes left in the boil.
8. 60 Minutes: Add 3/4 oz. of German Hallertau hops for bittering.
9. 10 Minutes: Add a 1/4 oz. of German Hallertau hops for aroma.
10. Boil for the final 10 minutes.
11. After your wort is done boiling it is very important you cool it as quickly as possible to avoid potential infections. Create an ice bath (ice and water) in your sink and set the brew kettle in it. You need to cool your wort down to 58°F or lower.

COOLING / TRANSFERRING

1. By now all of your equipment should be already sanitized; if not sanitize your screw cap, fermenting vessel, airlock, siphon, and tubing.
2. Fill your primary fermentor with 1 gallon of cold water.
3. Pour your cooled wort into the primary fermentor. Avoid dumping the sludge on the bottom into your fermentor.
4. Seal the fermentor and aerate the wort by rocking the fermenting vessel back and forth a bit. Other options include using an aeration system or diffusion stone.
5. Measure Specific Gravity of the wort with your hydrometer and record.
6. Add yeast to fermenting vessel. It is important that the wort temperature not be above 50°F when adding the yeast.
7. Seal the fermentor. Add an airlock or blow-off tube.
8. Move fermenting vessel to a cool, dark spot (approximately 50°F).

FERMENTING

1. You will observe active fermentation within about 48 hours. You want to maintain the temperature of approximately 50°F.
2. After about 1-2 weeks your active fermentation will stop. At this point if you have a blow off tube attached you may remove it and add an airlock to the vessel.
3. After 10-12 days of primary fermentation remove your brew from your temperature controlled area and rest at room temperature (68°F - 70°F) for approximately 72 hours. This is called a *diacetyl rest*.
4. After your diacetyl rest transfer your beer to the secondary fermentor. Transferring is as simple as siphoning from the primary to the secondary.
5. Lagering: Once your beer is in the fermentor you will want to slowly lower the temperature until you reach 35°F (or as low as your system will allow). Allow your brew to condition for 4 weeks in the secondary fermentor.
6. After 4 weeks you are ready to bottle or keg your beer.

BOTTLING / CARBONATING

1. Sanitize your bottles, bottle caps, siphon tubing, siphon, and bottling wand.
2. Add priming sugar to 8 oz. of water and bring the mixture to a boil using your stove. Let cool and add to your bottling bucket.
3. Attach your siphon tubing to your siphon on one end and the bottling wand on the other.
4. Gently siphon beer into bottling bucket; avoid splashing.
5. Fill and cap bottles.
6. Condition bottles for 2 weeks at room temperature.

ENJOY!

1. Pour your homebrew into a clean glass. For aesthetic reasons many people avoid pouring the yeast in but it won't hurt you!
2. Smell the beer, a few short sniffs. Taste. Allow beer to cover the tongue, swallow. Smile. Life is good.

If you have any questions while brewing your beer call us at 1.888.654.5511 or email support@love2brew.com. We're open 7 days a week to help you brew the best beer possible!

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