

BOURBON BARREL PORTER 2 GALLON

Bourbon barrel-aged beers have been a hugely popular style ever since their inception in the early '90s by American craft brewers. By starting with a stronger-than-average robust porter, then infusing it with Bourbon-soaked oak (we recommend Maker's Mark), the end result is quite possibly the best beer ever. You'll have to supply your own bourbon - save a little to sip on brew day to really capture the spirit.

O.G.: 1.063

BREW TIME 4 WEEKS: 2 WEEKS FERMENTATION | 2 WEEKS BOTTLE CONDITIONING

READ ALL INSTRUCTIONS BEFORE STARTING

YOU WILL NEED:

- BrewDemon starter kit for brewing 2 gallon batches
- Boiling kettle of at least 2 gallons capacity
- Approximately one case of either 12 oz or 22 oz pry-off style beer bottles with caps.
- Basic kitchen scale for weighing hops.

A FEW HOURS BEFORE BREW DAY

Remove the yeast packet from the refrigerator and allow to warm to room temperature for about 3 hours.

KIT INVENTORY

MAILLARD MALTS™ SPECIALTY GRAIN

- 0.4 lbs English Chocolate Malt
- 0.2 lbs English Black Malt
- 0.2 lbs English Dark Crystal

MAILLARD MALTS EXTRACTS & OTHER FERMENTABLES

- 2 lbs Traditional Dark DME
- 1 lb Wheat DME

HOPTIMUS REX™ PREMIUM HOPS

- 0.4 oz Chinook (60 min)
- 0.2 oz US Goldings (15 min)
- 0.2 oz US Goldings (5 mins)

YEAST

- Fermentis Safale S-04. Optimum temp: 64° - 75°F

OTHER ADDITIVES

- 1 oz Medium Toast Oak Cubes
- 8 oz Bourbon (not included)

UPON ARRIVAL UNPACK THE KIT

- Be sure you have all items listed in the Kit Inventory (above)
- **Refrigerate the yeast**
- Contact us immediately if you have any questions or concerns!

ON BREWING DAY

1. Heat 1.5 gallons of water to roughly 155°F
2. Pour crushed grain into the supplied mesh bag, and tie the open end in a knot. Steep for 20 minutes or until water reaches 170°F. Remove bag, drain and discard.
3. Bring to a boil, then remove the kettle from the burner and stir in the 2 lbs Traditional Dark DME and 1 lb Wheat DME. Stir thoroughly to dissolve any lumps of extract.
4. Return wort to boil. The mixture is now called "wort", the brewer's term for unfermented beer. NOTE: Total boil time for this recipe is 60 minutes.
 - Add 0.4 oz Chinook hops at the beginning of the boil.
 - Add 0.2 oz US Goldings hops with 15 minutes remaining in the boil.
 - Add 0.2 oz US Goldings hops with 5 minutes remaining in the boil.
5. Cool the wort. When the 60-minute boil is finished, cool the wort to approximately 100° F as rapidly as possible. Use a wort chiller, or put the kettle in an ice bath in your sink.

ON BREWING DAY – CONTINUED

6. Sanitize fermenting equipment and yeast pack. While the wort cools, sanitize the fermenting equipment – BrewDemon fermenter, stopper, airlock, funnel, etc – along with the yeast packet.
7. Pour in the cooled wort into the BrewDemon fermenter, leaving any thick sludge in the bottom of the kettle.
8. Add more cold water as needed to bring the volume to 2 gallons.
9. Aerate the wort. Seal the BrewDemon and rock back and forth to splash for a few minutes, or use an aeration system and diffusion stone.
10. Optional - Measure specific gravity of the wort with a hydrometer and record in the "BREWER'S NOTES" section.
11. Add yeast once the temperature of the wort is 72°F or lower (not warm to the touch). Sanitize and open the yeast pack and carefully pour the half of the packet into the BrewDemon.
12. Seal the BrewDemon. Add approximately 1 tablespoon of water to the sanitized airlock. Insert the airlock into the rubber stopper to seal the fermenter.
13. Move the fermenter to a warm, dark, quiet spot until fermentation begins.

PRIMARY FERMENTATION

14. Active fermentation begins. Within approximately 48 hours of Brewing Day, active fermentation will begin – there will be a cap of foam on the surface of the beer, the specific gravity as measured with a hydrometer will drop steadily, and you may see bubbles come through the fermentation lock. The optimum fermentation temperature for this beer is 66-70° F. Move the fermenter to a warmer or cooler spot as needed.

15. Active fermentation ends. Approximately two weeks after brewing day, active fermentation will end. When the cap of foam falls back into the new beer, bubbling in the air lock slows down or stops, and the specific gravity as measured with a hydrometer is stable, proceed to the next step.
16. Add the oak cubes. Soak the Oak Cubes in 8 oz of bourbon for 24 – 48 hours. Use half the pack for a mild oak flavor, or the whole pack for a more pronounced oak character. Then add the oak cubes and bourbon to the BrewDemon and wait an additional week before bottling.

BOTTLING DAY - ABOUT 2 WEEKS AFTER BREWING DAY

17. Sanitize all bottles and bottle caps.
18. Add one Fizz Drop to each beer bottle.
19. Using the spigot on the BrewDemon, fill each bottle making sure there is about an inch of headspace in each bottle.
20. Cap bottles.

CONDITIONING - ABOUT 1 MONTH AFTER BOTTLING DAY

21. Condition bottles at room temperature for 1–2 weeks. After this point, the bottles can be stored cool or cold.
22. Serving. Pour into a clean glass, being careful to leave the layer of sediment at the bottom of the bottle. Cheers!

BREWER'S NOTES

At Northern Brewer, we've always got your back. Our Brewmasters are available 7 days a week to help you brew your very best, and it doesn't end until you're completely happy with your latest batch...and looking forward to the next one. We'll never let you fail. Guaranteed.