



Choose Your Own *Funk*venture Sour Ale



⚠ If your kit has **liquid yeast**, put it in the refrigerator as soon as possible.

You stand at a crossroads with three paths in front of you. Do you choose the trail of light groove? Do you go the route of medium sour vibe? Or do you go down the road of pure *funk*? This kit gives you the option to make a delicious sour pale ale of your choosing. There's treasure at the end of every fermentation!

Calculated Approximate: O.G.: 1.059 F.G.: 1.011 ABV: 6.4% IBU: 31 SRM: 9

Kit Ingredients

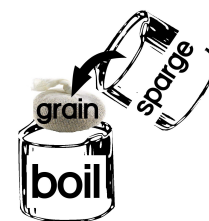
- Specialty Steeping Grains:
 - 3 oz German Vienna malt
 - 2 oz White Wheat malt
 - 2 oz Flaked Oats
 - 2 oz Caramel 40L malt
 - 1 lb golden light dry malt extract
 - 1 oz Cascade pellet hops (½ oz @ 13min, ¼ oz @ 1min, ¼ oz @ 0min)
 - 10 carb drops (for bottling)
 - Muslin sack to steep grains
- Choose your sour ale yeast:**
OYL-210: Where da Funk?
OYL-211: Bit o' Funk
OYL-212: Bring On Da Funk

⚠ Please make sure that your kit contains these items. Please call us at 608-257-0099 before brewing if any item is missing. Thanks!

Directions

Sanitize everything well! Remember to stir periodically throughout the boil!

0. If you are using liquid yeast, about three to six hours before you are going to brew, remove the liquid yeast from the refrigerator. If it is a Wyeast pack, break the nutrient pack inside the yeast package according to the directions on the package. Leave the yeast out at room temperature until it is time to pitch your yeast into your beer.
1. Fill your kettle with 2 quarts of cold water, pour the crushed **steeping grain** into the grain sack, tie the sack closed, and place it into your kettle. Turn on heat and bring mixture to 160F and then turn off heat. Steep the grains for 20 minutes. Do **not boil** grains.
2. While your grains are steeping, heat 2 quarts of water to 170F in a separate pot. After the 20 minute steep, **remove the grains** from the mixture and sparge by rinsing them with the 2 quarts of hot water, collecting the runnings in your boil kettle.
3. Add 1.75 quarts of water to your kettle. Then turn on the heat and bring the mixture to a boil. You will be boiling the mixture, called wort, for a total of 30 minutes. However, keep reading, because you'll be adding hops during that time.
4. When you achieve a boil, turn off the heat and empty the **golden light malt extract** and **1 cup corn sugar** into the hot water. Stir extract into wort well.



5. Turn the heat back on and bring the wort to a boil. Upon initial boil the wort may foam up (called a “hot break”). If this happens, reduce the heat until the foam recedes, then turn up the heat, bring back to a boil, and maintain a rolling boil. Start your 30 minute timer at this point in the brewing process.
6. After 17 minutes, add **½ oz of Cascade** hop pellets and boil the wort for 12 minutes. This hop addition will impart most of the bitterness to your beer.
7. After these 29 minutes, it’s time for another hop addition. Add **¼ oz Cascade** hop pellets and continue to boil for 1 more minute.
8. After 1 minute (30 minutes total), turn off the heat and add **¼ oz Cascade** hop pellets.
9. Sanitize fermentor, stopper, and air lock with sanitizing material according to its directions.
10. Cool your hot wort down to around 70F by placing your pot carefully into a sink of ice water for 15-30 minutes or by using a wort chiller. Carefully pour the cooled wort into the fermentor. If necessary, top up to 1 to 1.1 gallons with cold water.
11. Give the wort a good shake or a good stir with a sanitized metal or plastic spoon. Here you are trying to aerate the wort, which will help your yeast get going. This is also a good time to take a hydrometer reading. The number from this reading is your starting gravity. Add **⅓** of the pack of **yeast**. Instructions are on the yeast package.
12. Seal your fermentor. Attach the fermentation lock half filled with water. Depending on which sour strain you chose, you will ferment at 68°-80°F for a period of time:
If you chose Where Da Funk? OYL-210, ferment for 3 weeks.
If you chose Bit o’ Funk OYL-211, ferment for 3+ months.
If you chose Bring On Da Funk OYL-212, ferment for 6+ months.
13. If foam, called krausen, is going up into the airlock during fermentation, carefully remove the airlock and replace it with a short length of 5/16” tubing that leads to a container ½ filled with water or sanitizer (sanitize the tubing, called “blow-off tubing”). Make sure that the tip of the tubing in the overflow container is submerged. When fermentation slows down, replace the blow-off tube with the airlock. Sanitize the airlock before putting it back in the stopper.
14. Now you can go ahead and bottle or keg your beer. Whether you bottle or keg, sanitize everything that will contact the beer during packaging, including bottles, caps, kegs, siphon tubing, bottle filler, etc. Also, now is a good time to take a hydrometer reading. This would be your beer’s final gravity.
15. **Bottling**, Siphon beer into sanitized bottles. Add one carbonation drop into each bottle and cap.
16. Store upright at room temperature (~70F) for 14 days to carbonate. Beer may then be stored at cooler temperatures to age. Beer may be consumed at any time, though it will continue to improve for several months.