

BEER. SIMPLY BEER. American Wheat.

Designed for the purist... Beer. Simply Beer. It has everything you need to brew great beer and nothing you don't. We've stripped away all the extras to reveal the very heart of a traditional American Wheat. The result? The most streamlined, straight-forward brewing experience ever. And a crisp, drinkable brew that combines notes of bread wheat malt and slightly spicy hops in perfect harmony.

O.G: 1.043 READY: 6 WEEKS: 2 weeks primary, 1-2 weeks secondary, 1-2 weeks bottle conditioning

KIT INVENTORY:

MAILLARD MALTS™
EXTRACTS & OTHER
FERMENTABLES
- 6 lbs Wheat Malt Syrup

HOPTIMUS REX™
PREMIUM HOPS &
OTHER FLAVORINGS
- 1 oz Willamette (60 min)
- 1 oz Cascade (10 min)

YEAST
- Safale US-05 Ale Yeast.
Optimum temp: 59°-75° F
PRIMING SUGAR
- 5 oz Priming Sugar
(save for Bottling Day)

BEFORE YOU BEGIN.

MINIMUM REQUIREMENTS.

- Homebrewing starter kit for brewing 5 gallon batches
- Boiling kettle of at least 3.5 gallons capacity
- A 5 gallon carboy, with bung and airlock, to use as a secondary fermenter (optional)
- If you do not have a secondary fermenter you may skip the secondary fermentation and add an additional week to primary fermentation before bottling
- Approximately two cases of either 12 oz or 22 oz pry-off style beer bottles

UNPACK THE KIT.

- Refrigerate the yeast upon arrival
- Locate the Kit Inventory (above) - this is the recipe for your beer, so keep it handy
- Double check the box contents vs. the Kit Inventory
- Contact us immediately if you have any questions or concerns!

PROCEDURE.

ON BREWING DAY.

- 1. Collect and heat 2.5 gallons of water.
- 2. Note there are no specialty grains in this recipe.
- 3. Bring to a boil and add the 6 lbs Wheat malt syrup extract. Remove the kettle from the burner and stir in the Wheat malt syrup.
- 4. Return wort to boil. The mixture is now called "wort", the brewer's term for unfermented beer.
 - Add 1 oz Willamette hops and boil for 60 minutes total.
 - Add 1 oz Cascade hops 10 minutes before the end of 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.
- 6. Sanitize fermenting equipment and yeast pack. While the wort cools, sanitize the fermenting equipment - fermenter, lid or stopper, fermentation lock, funnel, etc - along with the yeast pack and a pair of scissors.
- 7. Fill primary fermenter with 2 gallons of cold water, then pour in the cooled wort. Leave any thick sludge in the bottom of the kettle.
- 8. Add more cold water as needed to bring the volume to 5 gallons.
- 9. Aerate the wort. Seal the fermenter and rock back and forth to splash for a few minutes, or use an aeration system and diffusion stone.

ON BREWING DAY. CONTINUED.

- 10. OPTIONAL: if you have a hydrometer, measure specific gravity of the wort and record.
- 11. Add yeast once the temperature of the wort is 65°F - 75°F. Use the sanitized scissors to cut off a corner of the yeast pack, and carefully pour the yeast into the primary fermenter.
- 12. Seal the fermenter. Add approximately 1 tablespoon of water to the sanitized fermentation lock. Insert the lock into rubber stopper or lid, and seal the fermenter.
- 13. Move the fermenter to a warm, dark, quiet spot until fermentation begins.

BEYOND BREWING DAY. WEEKS 1-2.

- 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, and you may see bubbles come through the fermentation lock.
- 15. Active fermentation ends. Approximately 1-2 weeks after brewing day, active fermentation will end: the cap of foam falls back into the new beer, bubbling in the fermentation lock slows down or stops.
- 16. Transfer beer to secondary fermenter (optional). Sanitize siphoning equipment and an airlock and carboy bung or stopper. Siphon the beer from the primary fermenter into the secondary. If not using a secondary, let the beer rest in the fermenter for an additional 1-2 weeks and skip the next step.

BEYOND BREWING DAY. SECONDARY FERMENTATION.

- 17. Secondary fermentation (optional). Allow the beer to condition in the secondary fermenter for 1-2 weeks before proceeding with the next step. Timing now is somewhat flexible.

BOTTLING DAY. ABOUT 1 MONTH AFTER BREWING DAY.

- 18. Sanitize siphoning and bottling equipment.
- 19. Mix a priming solution (a measured amount of sugar dissolved in water to carbonate the bottled beer) of 5 oz priming sugar in 16 oz water. Bring the solution to a boil and pour into the bottling bucket.
- 20. Siphon beer into bottling bucket and mix with priming solution. Stir gently to mix-don't splash.
- 21. Fill and cap bottles.

1-2 WEEKS AFTER BOTTLING DAY.

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