



NORTHERN BREWER

<b>O.G.</b>	<b>ABV</b>	<b>IBU</b>	<b>BREW TIME: 6 WEEKS</b>
1.053	5.1%	15	Primary: 2 Weeks
			Secondary: 2 Weeks
			Bottle Conditioning: 2 Weeks

# BLUE LOON WHITE ALE

Blue Loon is our nod to a very popular wheat beer brewed in Colorado. Typically garnished with an orange, this easy drinking ale is packed with flavor. Bready wheat malt, sweet orange peel and citrusy coriander swim together to create a wonderfully complex flavor profile without being overly assertive. Dive into a pint and you will notice a subtle bitterness and a clean fermentation profile that let the other ingredients sing. Its deep golden and slightly hazy appearance combined with citrusy flavors will bring recollections of sunny days and moonlit nights.

## KIT INVENTORY

### MALT EXTRACTS

- 3.15 lbs Wheat Malt Syrup
- 3.15 lbs Gold Malt Syrup
- 1 lb Wheat DME

### PREMIUM HOPS

- 1 oz Hallertau 60 min

### OTHER INGREDIENTS

- 0.5 oz Sweet Orange Peel 5 min
- 0.5 oz Lightly Crushed Coriander 5 min

**Note:** To crush coriander, use a spice grinder, clean coffee grinder or a mortar & pestle to break the coriander open. It is not necessary to powder it.

## SUGGESTED YEAST

### YEAST

#### DRY YEAST:

- Fermentis Safale US-05**  
Optimum Temp: 59°- 72°F

#### LIQUID YEAST OPTION:

- Omega Yeast OYL-004 West Coast Ale I**  
Optimum temp: 60°- 73°F

- Imperial Yeast A07 Flagship**  
Optimum temp: 60°- 72°F

## BEFORE BREW DAY

- Upon arrival, unpack kit.
- Read all instructions before starting.
- Be sure you have all items listed in the Kit Inventory.
- Refrigerate liquid yeast.
- If making a yeast starter, we suggest 24-48 hrs.
- Contact us if you have any questions or concerns.

## YOU WILL NEED

- Homebrewing equipment for brewing 5 gallon batches.
- Boiling kettle (at least 3.5 gallons capacity).
- Approx. 2 cases of 12 oz or 22 oz pry-off beer bottles.
- **Optional** - 5 gallon carboy, with bung and airlock, to use as secondary fermentor.

## A FEW HOURS BEFORE BREW DAY

Remove liquid yeast packages from the refrigerator. Allow to warm to your desired fermentation temperature (~65°F). Check yeast instructions on packet.

## BREWING NOTES

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## KEY STATS

Brew Day Date: \_\_\_\_\_

Secondary: \_\_\_\_\_

Important Additions: \_\_\_\_\_

Bottling/Kegging: \_\_\_\_\_

Fermentation Temp: \_\_\_\_\_

Yeast Strain #: \_\_\_\_\_

Measured OG: \_\_\_\_\_ FG: \_\_\_\_\_

## ON BREWING DAY

1. Heat 2.5 gal of water.
2. Please note there are no steeping grains in this recipe.
3. Bring to a boil. Remove the kettle from burner and stir in **3.15 lbs Wheat Malt Syrup, 3.15 lbs Gold Malt Syrup** and **1 lb Wheat DME**.
4. Return to boil. The mixture is now called "wort", the brewer's term for unfermented beer.  
**NOTE:** Total boil time is 60 min.
  - Add **1 oz Hallertau** at the start of boil
  - Add **0.5 oz Sweet orange peel** and **0.5 oz Coriander** with 5 minutes remaining.
5. Cool wort. When the 60 minute boil is finished, cool wort to approximately 70°F as rapidly as possible. Use a wort chiller, or put kettle in an ice bath in your sink.
6. Sanitize fermenting equipment and yeast pack. While wort cools, sanitize fermenting equipment (fermenter, lid or stopper, airlock, funnel, etc) along with yeast packs.
7. Fill primary fermenter with 2 gal cold water, then pour in cooled wort. Leave any thick sludge in bottom of kettle.
8. Add more cold water as needed to bring volume to 5 gal.
9. Aerate wort: Seal fermenter and rock back and forth to splash for a few mins, or use an aeration system and diffusion stone.
10. Measure the wort's specific gravity with a hydrometer. Record.
11. Add yeast once temperature of the wort is 70°F or lower. Sanitize and open yeast pack. Carefully pour contents into primary fermenter.
12. Seal fermenter. Add approx. 1 tbsp of water to sanitized fermentation lock. Insert airlock into rubber stopper or lid. Seal fermenter.
13. Move fermenter to a cool, dark, spot until fermentation begins.

## PRIMARY FERMENTATION

14. **Within 48 hours Active fermentation begins.**  
You'll see a cap of foam on the surface of the beer. Specific gravity as measured with a hydrometer will drop steadily. You may see bubbles in the fermentation lock. The optimum temp. for this beer is 65°- 70°F.
15. **Within 2 weeks Active fermentation ends.**  
Proceed to next step when:
  - Cap of foam falls back into the beer.
  - Bubbling in airlock slows down or stops.
  - Specific gravity as measured with a hydrometer is stable.

## SECONDARY FERMENTATION (OPTIONAL)

- NOTE:** You may skip transferring to a secondary fermenter and simply leave the beer in the primary fermenter.
16. Sanitize siphoning equipment, airlock, carboy bung or stopper. Siphon beer from primary fermenter into secondary. (optional - see above)
  17. Allow the beer to condition for 2 weeks before proceeding with the next step. Timing is now somewhat flexible.

## BOTTLING DAY (ABOUT 4 WEEKS AFTER BREWING DAY)

18. Sanitize siphoning and bottling equipment.
19. Mix a priming solution (sugar dissolved in water; carbonates bottled beer). Use the following amounts, depending on which type of sugar you use:
  - Corn sugar (dextrose) 2/3 cup in 16oz water.
  - Table sugar (sucrose) 5/8 cup in 16oz water.Bring solution to a boil. Pour into bottling bucket.
20. Siphon beer into bottling bucket and mix with priming solution. Stir gently to mix
  - *do not splash.*
21. Fill and cap bottles.

## CONDITIONING (ABOUT 6 WEEKS AFTER BREWING DAY)

22. Condition bottles at room temp. for 1-2 weeks. After this point, store bottles cool or cold.
23. Serving: Pour into a clean glass. Be careful to leave any sediment at the bottom of the bottle. Cheers!

## WE'VE GOT YOUR BATCH

We're so confident in the quality of our beer kits, we'll replace any kit, anytime, no questions asked.

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