

# Irish Red Ale

*This medium-bodied, Irish standard epitomizes popular imported beers with its thick off-white head, residual sweetness, and slightly fruity interplay of hops and Irish Ale yeast. The subtle addition of roasted barley provides a mild richness and a distinct red color.*

## Ingredients

6.6 lb. Keystone Pale Liquid Malt Extract  
.75 lb. Briess Crystal Malt 80° L  
.125 lb. Muntons Roasted Barley 675° L

## Statistics

Original Gravity	1.052
Final Gravity	1.014
Alcohol Content	4.7%

1 oz. Northern Brewer Hops (Bittering) with 60 minutes left in the boil.  
1 oz. Fuggles Hops (Flavoring) with 10 minutes left in the boil.

Wyeast #1084 Irish Ale Yeast

1 Large Grain Bag

\* The malted grains are all **crushed together** in the clear plastic bag.

## Procedure

*A few hours before you begin to brew*, prepare your liquid yeast according to the package instructions. We assume that you are familiar with basic homebrewing techniques, so these procedures are abbreviated.

1. Place grains in the large grain bag and add them to your brew kettle along with 2.5 gallons of cold water (keep enough head space to avoid boil-overs). Heat slowly.
2. Steep the grains in hot water (about 145° – 160°F) to extract flavor and color – do not allow to boil. After about 30 minutes, remove the grain bags and then bring the water to a boil.
3. Remove the pot from the heat and add the pouches of malt extract. Keep the kettle off the burner and stir until the malt extract is completely dissolved.
4. Put the pot back on the burner and bring it to a boil. Once boiling, place the bittering hops in a muslin bag, add them to the pot, and set your timer to boil for 60 minutes. Keep an eye on the pot to avoid boil-overs.
5. After 45 minutes of boiling, add ½ teaspoon of Irish moss, or 1 Whirlfloc tablet, to help clarify your beer (optional).
6. After 50 minutes of boiling, add the flavoring hops (in a muslin bag).
7. After 60 minutes of boiling, turn off the heat. Put a lid on your pot and cool it in an ice bath (use your sink) for about 30 minutes. Remove the hop bags from the kettle.
8. Pour 2 gallons of cold water into your *sanitized* fermenter, add the cooled wort (the stuff in your pot), and top up with additional water to 5 gallons. Aerate the wort with vigorous stirring, rocking the fermenter, etc.
9. Make sure the wort is below 80°F before adding yeast. Take a hydrometer reading if desired. Add the yeast to the wort.
10. Store the fermenter where the temperature will be a fairly constant 65° – 70°F. Active fermentation may take only a few days, or it can last up to 2 weeks. A hydrometer reading is a great way to determine when the fermentation is done. Keep the beer in the primary fermenter until active fermentation is done (no signs of active fermentation for the last 2-3 days).
11. When ready to bottle, siphon the beer into your sanitized bottling bucket, leaving the sediment behind. Boil the priming sugar in 1-2 cups of water for a few minutes, gently stir into the beer, and bottle as usual.

## Keystone Homebrew Supply

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