



New England Hazy Wheat

Hazy and crazy, our New England Hazy Wheat recipe features all the characteristics of wheat beer that you love with a more aggressive hop profile.

IBUs: 9 - 13	OG: 1.041 - 1.045	FG: 1.013 - 1.017			
ABV: 3.7% - 4.2%	Difficulty: Easy	Color: Gold			

Contents

- Ingredients
- Priming Sugar
- Grain Bag(s)
 Bottle Caps
 - Brewing Procedures

Hops may vary due to availability.

Glossary

LME

IBU

OG **DME Dried Malt Extract**

Original Gravity

<u>SG</u>

Specific Gravity

FG

Final Gravity

CO₂ Carbon Dioxide

ABV

Alcohol by Volume

Units (Tinseth)

Liquid Malt Extract

International Bittering

<u>Ingredients</u>

FERMENTABLES

3.3 lb. Wheat LME

3.3 lb. Light LME

SPECIALTY GRAINS

1 lb. Flaked Wheat

8 oz. Flaked Oats

HOPS

4 - 2 oz. packs Cluster Fugget

YEAST

1 Sachet

Recommended Procedures

BREW DAY (DATE __/__)

1. READ

Read all of the recommended procedures before you begin.

2. SANITIZE

Thoroughly clean and sanitize ALL brewing equipment and utensils that will come in contact with any ingredients, wort or beer with a certified sanitizer, e.g., Star San or IO Star.

3. STEEP GRAINS

Pour 2.5 gallons of clean water into your brew pot and begin to heat¹. Pour flaked grains into grain bag and tie a loose knot at the top of the bag². When the water is within an appropriate steeping temperature (150° - 165°F) place the grain bag into the brew pot³. Steep grains for approximately 20 minutes. Remove grain bag and without squeezing, allow liquid to drain back into brew pot. Your water is now wort.

4. START BOIL

Bring your wort to a gentle, rolling boil. Add 3.3 lb. can of Wheat LME and 3.3 lb. Light LME to the boiling wort4. Continuously stir the extract into the wort as it returns to a gentle, rolling boil⁵.

5. FOLLOW SCHEDULE⁶

As directed on the BREW DAY SCHEDULE (right), slowly sprinkle the hops into the boiling wort. Be careful not to let the wort boil over the pot. Using the provided BREW DAY SCHEDULE, note the time the hops were added to help keep your brew on schedule. Continue the gentle, rolling boil until the boil is complete.

6. WHIRLPOOL HOP ADDITION

Cool the wort down to 180°F. Add the last three 2 oz. packs of Cluster Fugget hops. Allow hops to steep at 180°F for 20 minutes, gently stirring occasionally. After 20 minutes continue on to step 7.



Recommended Brew Day Equipment

- 4 Gallon Brew Pot (or larger)
- Hydrometer
- 6.5 Gallon Fermenter
- Thermometer

Airlock

- No-Rinse Sanitizer
- Long Spoon or Paddle
- Cleanser

Brew Tips

¹We suggest doing a 2.5 gallon boil at minimum. If you have the equipment to boil more than 2.5 gallons feel free to do so. There is no need to change the amount of any of the ingredients.

²The grains should not be compacted inside the bag. Grains should steep loosely allowing the hot water to soak into all of the

³Pay careful attention not to let your steeping water exceed 170°F which leeches tannins into the wort.

⁴Run canisters of LME under hot water to allow the extract to pour easier.

⁵Pay careful attention that the extract does not accumulate and caramelize on the bottom of your brew pot.

⁶When consumed, hops can cause malignant hyperthermia in dogs, sometimes with fatal results. Even small amounts, including "spent" hops from brewing, can trigger a deadly reaction.

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- 1. Set your timer for 60 min. and start ____:__ (time)
- 2. Boil 50 minutes
- 3. Add one 2 oz. pack of Cluster Fugget hops

(time)

- 4. Boil final 10 minutes
- 5. Terminate boil (time)

Total Boil Time: 60 Minutes

Continue to Step #6 ~WHIRLPOOL HOP ADDITION~

Recommended Procedures (continued)

7. COOL WORT & TRANSFER

Finish cooling the wort down to approximately 70°F by placing the brew pot in a sink filled with ice water⁷. Pour or siphon the wort into a sanitized fermenter. Avoid transferring the heavy sediment (trub) from the brew pot to the fermenter.

8. ADD WATER

Add enough clean water (approx. 64° - 72°F) to the fermenter to bring your wort to approximately 5 gallons⁸. Thoroughly stir the water into the wort. Using a sanitized hydrometer take an Original Gravity (OG) reading. Once you are satisfied your wort is at the proper volume and within the OG range, record the OG in the ABV% CALCULATOR (right).

9. PITCH YEAST

Sprinkle the contents of the yeast sachet (DO NOT REHYDRATE) over top of the entire wort surface and stir well with sanitized spoon or paddle. Firmly secure the lid onto the fermenter. Fill your airlock halfway with water and gently twist the airlock into the grommeted lid. Move the fermenter to a dark, warm, **temperature-stable** area (approx. 64° - 72°F).

FERMENTATION

10. MONITOR & RECORD

The wort will begin to ferment within 24 - 48 hours and you may notice CO2 releasing (bubbling) out of the airlock⁹. If no bubbling is evident on day two of fermentation, take a gravity reading with a sanitized hydrometer. If gravity has dropped below your OG reading then fermentation is taking place. Take a gravity reading again in 4 - 6 days¹⁰ and confirm fermentation has completed by comparing the gravity reading to the FG range listed at the top of the instructions. If gravity is not in the FG range, continue fermentation until it reaches the FG range. Record your FG reading in the ABV% CALCULATOR (right).

BOTTLING DAY (DATE / /)

11. READ

Read all of the recommended procedures before you begin.

12. SANITIZE

Thoroughly clean and sanitize ALL brewing equipment, utensils, and bottles that will come in contact with any ingredients, wort or beer with a certified sanitizer, e.g., Star San or IO Star.

13. PREPARE PRIMING SUGAR

In a small saucepan dissolve 5 oz. of priming sugar into 2 cups of boiling water for 5 minutes. Pour this mixture into a clean bottling bucket. Carefully siphon beer from the fermenter to a bottling bucket. Avoid transferring any sediment. Stir gently for about a minute. 1 oz. of priming sugar is equal to approx. 2.5 tablespoons

14. BOTTLE

Using your siphon setup and bottling wand, fill the bottles¹² to within approximately one inch of the top of the bottle. Use a bottle capper to apply sanitized crown caps.

15. BOTTLE CONDITION

Move the bottles to a dark, warm, **temperature-stable** area (approx. 64° - 72°F). Over the next two weeks the bottles will naturally carbonate. Carbonation times vary depending on the temperature and beer style, so be patient if it takes a week or so longer.

CHILL & ENJOY YOUR TASTY BREW AND THANK YOU FOR CHOOSING BREWER'S BEST® PRODUCTS.

Brew Tips

⁷To avoid bacteria growth do this as rapidly as possible. Do not add ice directly to the wort. Alternatively, you can use a brewing accessory like a Wort Chiller.

⁸Be careful not to add a volume of water that will cause the wort to fall outside of the OG range specified in the BREW STATS.

⁹Within 4 - 6 days the bubbling will slow down until you see no more CO2 being released.

¹⁰Consider transferring your beer to a secondary carboy, see "Two-Stage (Secondary) Fermentation" sidebar below.

¹¹Optionally, you can place the hops in a mesh bag attached to a string. This will allow you to easily remove the hops before siphoning the beer into your bottling bucket.

¹²Use standard crown bottles, preferably amber color. Make sure bottles are thoroughly clean. Use a bottle brush if necessary to remove stubborn deposits. Bottles should be sanitized prior to filling.

Two-Stage (Secondary) Fermentation

Brewer's Best® recommends home brewers employ the practice of a two-stage fermentation. This will allow your finished beer to have more clarity and an overall better, purer flavor. All you need is a 5-gallon carboy, drilled stopper, airlock and siphon setup to transfer the beer. You will also need to monitor and record the SG with your hydrometer when the beer is in the 'primary'. When the fermentation slows (5-7 days), but before it completes, simply transfer the beer into the carboy and allow fermentation to finish in the 'secondary'. Leave the beer for about two weeks and then proceed to Bottling Day. Consult your local retailer to learn more about this technique.

(SECONDARY RACK DATE __/___)

Recommended Bottling Day Equipment

- 6.5 Gallon Bottling Bucket Bottle Brush
- Siphon Setup
- Capper
- Bottle Filling Wand
- Sanitizer
- 12 oz. Bottles (approx. 53)
- · Crown Caps

ABV% Calculator

 $(OG - FG) \times 131.25 = ABV\%$

____* - ____**) x 131.25 = ____%

*OG from Step #8
**FG from Step #10

