

ZOMBIE FROST

As if zombies weren't bad-ass enough...Imagine some evil genius unleashes a super-race of cryogenically-enhanced zombies upon the world. Now the bad-assery is cranked up to 11. And THAT level of world-shaking mayhem is what our new limited edition Zombie Frost kit is all about. A twist on our incredibly popular Zombie Dirt recipe kit, this special edition is the product of our own evil genius brewmasters, who dosed the original recipe with near-infectious levels of Citra Cryo Hops...first in the boil, then again in the fermentor. The result: a cryogenically-enhanced brew so intensely aromatic and flavorful, it could wake the undead.

O.G: 1.060 | **BREW TIME 6 WEEKS:** 2 WEEKS PRIMARY | 2 WEEKS SECONDARY | 2 WEEKS BOTTLE CONDITIONING



KIT INVENTORY

MAILLARD MALTS™ SPECIALTY GRAIN

- 0.5 lbs Briess Carapils
- 0.5 lbs English Medium Crystal

MAILLARD MALTS EXTRACTS & OTHER FERMENTABLES

- 3.15 lbs Gold Malt Syrup
- 3.15 lbs Munich Malt Syrup
- 1 lb Golden Light DME

HOPTIMUS REX™ PREMIUM HOPS

- 0.5 oz Citra (60 min)
- 2 oz Citra (5 min)
- 2 oz Citra Cryo Hops (10 min hopstand)
- 2 oz Citra Cryo Hops (Dry Hop)

YEAST

Dry Yeast:

- Fermentis Safale S-04. Optimum Temp: 64°-75°F

Liquid Yeast Options:

- Omega OYL-016 British Ale VIII. Optimum temp: 64°-72°F
- Imperial Yeast A09 Pub. Optimum temp: 64°-70°F
- Wyeast 1968 London ESB. Optimum temp: 64°-72°F

UPON ARRIVAL UNPACK THE KIT

- Be sure you have all items listed in the Kit Inventory (above)
- **Refrigerate the yeast**
- Contact us immediately if you have any questions or concerns!

READ ALL INSTRUCTIONS BEFORE STARTING

YOU WILL NEED:

- Homebrewing starter kit for brewing 5 gallon batches
- Boiling kettle of at least 3.5 gallons capacity
- Optional - 5 gallon carboy, with bung and airlock, to use as a secondary fermenter. NOTE: You may skip the secondary fermentation and add an additional 2 weeks to primary fermentation before bottling
- Approximately two cases of either 12 oz or 22 oz pry-off style beer bottles

A FEW HOURS BEFORE BREW DAY

Remove the liquid yeast packages from the refrigerator, and leave it in a warm place (~70°F) to come to pitching temperature. If you are using Wyeast, smack the packs as shown on the back of the package and allow to swell for at least 3 hours. Do not brew with inactive yeast - contact customer service for advice or a replacement. If you are using dry yeast, no action is needed.

ON BREWING DAY

1. Heat 2.5 gallons of water.
2. Pour crushed grain into the supplied mesh bag, and tie the open end in a knot. Steep for 30 minutes at 150° - 160°F. Remove bag, drain and discard.
3. Bring to a boil, remove the kettle from the burner and stir in the 3.15 lbs Gold Malt Syrup, 3.15 lbs Munich Malt Syrup and 1 lb Golden Light DME.
4. Return wort to boil. The mixture is now called "wort", the brewer's term for unfermented beer. NOTE: Total boil time for this recipe is 60 minutes.
 - Add 0.5 oz Citra hops at the beginning of the boil.
 - Add 2 oz Citra hops with 5 minutes remaining in the boil.
 - When the timer has reached zero, remove from heat and add 2 oz Citra Cryo hops and allow to steep for 10 minutes.
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 packs. While the wort cools, sanitize the fermenting equipment – fermenter, lid or stopper, airlock, funnel, etc – along with the yeast packs.

ON BREWING DAY – CONTINUED

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.
10. Measure specific gravity of the wort with a hydrometer and record in the "BREWERS NOTES" section.
11. Add yeast once the temperature of the wort is 72°F or lower (not warm to the touch). Sanitize and open both yeast packs and carefully pour the contents into the primary fermenter.
12. Seal the fermenter. Add approximately 1 tablespoon of water to the sanitized fermentation lock. Insert the airlock into rubber stopper or lid, and seal the fermenter.
13. Move the fermenter to a warm, dark, quiet spot until fermentation begins.

PRIMARY FERMENTATION

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, the specific gravity as measured with a hydrometer will drop steadily, and you may see bubbles come through the fermentation lock. The optimum fermentation temperature for this beer is 65°- 70° F. Move the fermenter to a warmer or cooler spot as needed.
15. Active fermentation ends. Approximately one to two weeks after brewing day, active fermentation will end. When the cap of foam falls back into the new beer, bubbling in the air lock slows down or stops, and the specific gravity as measured with a hydrometer is stable, proceed to the next step.
16. Optional - Transfer beer to secondary fermenter. Sanitize siphoning equipment and an airlock and carboy bung or stopper. Siphon the beer from the primary fermenter into the secondary. If you do not have a secondary fermenter, simply leave the beer in the primary fermenter.

SECONDARY FERMENTATION - OPTIONAL*

17. Add 2 oz Citra Cryo hops to the new beer. Allow the beer to condition in the secondary fermenter for 2 weeks before proceeding with the next step. Timing now is somewhat flexible.
*See the "YOU WILL NEED" section and step 16 above.

BOTTLING DAY - ABOUT 2 WEEKS 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). Use the following amounts, depending on which type of sugar you will use:
 - Corn sugar (dextrose) 2/3 cup in 16 oz water.
 - Table sugar (sucrose) 5/8 cup 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.

CONDITIONING- ABOUT 1 MONTH 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!

BREWERS NOTES

At Northern Brewer, we've always got your back. Our Brewmasters are available 7 days a week to help you brew your very best, and it doesn't end until you're completely happy with your latest batch...and looking forward to the next one. We'll never let you fail. Guaranteed.

DEAD RINGER IPA

Official NORTHERN BREWER Instructional Document

Dead Ringer is an homage to a benchmark of the American IPA style that's brewed in Michigan. American base malt and crystal malt create the big body and supporting grainy sweetness, while charge after charge of 100% Centennial hops deliver pronounced bitterness with a dominant citrus aroma and flavor. In the glass you get a pale amber color, hop intensity and malt density - substance with the soul of a session beer.

O.G.: 1.064 READY: 6 WEEKS

1-2 weeks primary, 2-4 weeks secondary,
1-2 weeks bottle conditioning

KIT INVENTORY:

MAILLARD MALTS™ SPECIALTY GRAIN

- 1 lbs Briess Caramel 40

MAILLARD MALTS™ EXTRACTS & OTHER FERMENTABLES

- 9.15 lbs Gold malt syrup

HOPTIMUS REX™ PREMIUM HOPS & OTHER FLAVORINGS

- 1 oz Centennial (60 min)
- 1 oz Centennial (20 min)
- 2 oz Centennial (5 min)
- 1 oz Centennial (Dry hop)

YEAST

- Dry yeast (default) Safale US-05.
Optimum temperature: 59-75°F
- Liquid yeast Options:
Omega Yeast OYL-004 West Coast Ale I.
Optimum temperature: 60-73°F
- Imperial Yeast A07 Flagship.
Optimum temperature: 60-72°F
- Wyeast #1056 American Ale Yeast.
Optimum temperature: 60-72°F

PRIMING SUGAR

- 5 oz Priming Sugar (save for Bottling Day)

These simple instructions are basic brewing procedures for this Northern Brewer extract beer kit; please refer to your starter kit instructions for specific instructions on use of equipment and common procedures such as siphoning, sanitizing, bottling, etc.

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 glass carboy, with bung and airlock, to use as a secondary fermenter - 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
- Doublecheck the box contents vs. the Kit Inventory
- Contact us immediately if you have any questions or concerns!

PROCEDURE

A FEW DAYS BEFORE BREWING DAY

1. Remove the liquid Wyeast pack from the refrigerator, and "smack" as shown on the back of the yeast package. Leave it in a warm place (70-80° F) to incubate until the pack begins to inflate. Allow at least 3 hours for inflation; some packs may take up to several days to show inflation. Do not brew with inactive yeast - we can replace the yeast, but not a batch that fails to ferment properly. If you are using dry yeast, no action is needed.

ON BREWING DAY

2. Collect and heat 2.5 gallons of water.
 3. For mail-order customers grains for extract kits come crushed by default, but if you requested uncrushed grains, crush them now. Pour crushed grain into supplied mesh bag and tie the open end in a knot. Steep for 20 minutes or until water reaches 170°F. Remove bag and discard.
 4. Bring to a boil and add the 9.15 lbs Gold malt syrup. Remove the kettle from the burner and stir in the Gold malt syrup.
 5. Return wort to boil. The mixture is now called "wort", the brewer's term for unfermented beer.
- Add 1 oz Centennial hops and boil for 60 minutes.
 - Add 1 oz Centennial hops 20 minute before the end of the boil.
 - Add 2 oz Centennial hops 5 minutes before the end of the boil.
6. 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.

7. 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.

8. 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.

9. Add more cold water as needed to bring the volume to 5 gallons.

10. 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.

11. **OPTIONAL:** if you have our Mad Brewer Upgrade or Gravity Testing kits, measure specific gravity of the wort with a hydrometer and record.

12. Add yeast once the temperature of the wort is 78°F or lower (not warm to the touch). Use the sanitized scissors to cut off a corner of the yeast pack, and carefully pour the yeast into the primary fermenter.

13. 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.

14. Move the fermenter to a warm, dark, quiet spot until fermentation begins.

BEYOND BREWING DAY, WEEKS 1-2

15. 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.

16. 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.

17. Transfer beer to secondary fermenter. Sanitize siphoning equipment and an airlock and carboy bung or stopper. Siphon the beer from the primary fermenter into the secondary.

BEYOND BREWING DAY— SECONDARY FERMENTATION

18. Secondary fermentation. Allow the beer to condition in the secondary fermenter for 2-4 weeks before proceeding with the next step. Timing now is somewhat flexible.

19. Add the dry hops. Add 1 oz Centennial hops to the secondary fermenter 1-2 weeks before bottling day.

BOTTLING DAY—ABOUT 1 MONTH AFTER BREWING DAY

20. Sanitize siphoning and bottling equipment.

21. Mix a priming solution (a measured amount of sugar dissolved in water to carbonate the bottled beer) of $\frac{2}{3}$ cup priming sugar in 16 oz water. Bring the solution to a boil and pour into the bottling bucket.

22. Siphon beer into bottling bucket and mix with priming solution. Stir gently to mix, don't splash.

23. Fill and cap bottles.

1-2 WEEKS AFTER BOTTLING DAY

24. Condition bottles at room temperature for 1-2 weeks. After this point, the bottles can be stored cool or cold.

25. Serving. Pour into a clean glass, being careful to leave the layer of sediment at the bottom of the bottle. Cheers!

TOMBSTONE PALE ALE

Official NORTHERN BREWER Instructional Document

A timeless, perfected pale ale originally crafted by pioneering brewers in Southern California. Its dusty, lightly toasted malt backbone is marked with a headstone of citrusy hops and a grapefruit finish. While there's nothing quite like an original, this resurrection draws many of the same nuances; mild stone fruit esters and caramel sweetness add balancing, earthy depth. Brew it in the spirit of sharing—with an ABV just under 6% you can't have too many.

O.G: 1.058 READY: 6 WEEKS

1-2 weeks primary, 2-4 weeks secondary, 1-2 weeks bottle conditioning

KIT INVENTORY:

MAILLARD MALTS® SPECIALTY GRAIN

- 1 lb Briess Caramel 60L
- 0.32 lbs Briess Caramel 80L

MAILLARD MALTS® EXTRACTS & OTHER FERMENTABLES

- 4 lbs Golden Light DME
- 3.15 lbs Gold Malt Syrup (10 min late addition)

HOPTIMUS REX™ PREMIUM HOPS & OTHER FLAVORINGS

- 0.5 oz Columbus (60 min)
- 0.75 oz Ahtanum (10 min)
- 1.25 oz Ahtanum (0 min)

YEAST

- Dry yeast (default) Fermentis Safale S-04. Optimum temperature 64°-75°F

LIQUID YEAST OPTIONS:

- Omega Yeast OYL-006 British Ale 1. Optimum temperature: 64°-72°F
- Imperial Yeast A01 House. Optimum temperature: 62°-70°F
- Wyeast 1098 British Ale. Optimum temperature: 64°-75°F

These simple instructions are basic brewing procedures for this Northern Brewer extract beer kit; please refer to your starter kit instructions for specific instructions on use of equipment and common procedures such as siphoning, sanitizing, bottling, etc. For more detailed extract brewing instructions, please visit www.northernbrewer.com

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 glass carboy, with bung and airlock, to use as a secondary fermenter - 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
- Doublecheck the box contents vs. the Kit Inventory
- Contact us immediately if you have any questions or concerns!

PROCEDURE

A FEW DAYS BEFORE BREWING DAY

1. Remove the liquid Wyeast pack from the refrigerator, and "smack" as shown on the back of the yeast package. Leave it in a warm place (70-80° F) to incubate until the pack begins to inflate. Allow at least 3 hours for inflation; some packs may take up to several days to show inflation. Do not brew with inactive yeast - we can replace the yeast, but not a batch that fails to ferment properly. If you are using dry yeast, no action is needed.

ON BREWING DAY

2. Collect and heat 2.5 gallons of water.
3. For mail-order customers grains for extract kits come crushed by default, but if you requested uncrushed grains, crush them now. Pour crushed grain into supplied mesh bag and tie the open end in a knot. Steep for 20 minutes or until water reaches 170°F. Remove bag and discard.
4. Bring to a boil and add the 4 lbs Golden Light DME. Remove the kettle from the burner and stir in the extract.
5. Return wort to boil. The mixture is now called "wort", the brewer's term for unfermented beer.

- Add 0.5 oz Columbus hops and boil for 60 minutes.
- Add 0.75 oz Ahtanum hops and 3.15 lbs Gold malt syrup 10 minutes before the end of the boil.
- Add 1.25 oz Ahtanum hops with 0 minutes remaining in the boil.

6. 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.

7. 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.

8. 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.

9. Add more cold water as needed to bring the volume to 5 gallons.

10. 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.

11. Optional: if you have our Mad Brewer Upgrade or Gravity Testing kits, measure specific gravity of the wort with a hydrometer and record. 11. Measure specific gravity of the wort with a hydrometer and record.

12. Add yeast once the temperature of the wort is 78°F or lower (not warm to the touch). Use the sanitized scissors to cut off a corner of the yeast pack, and carefully pour the yeast into the primary fermenter.

13. 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.

14. Move the fermenter to a warm, dark, quiet spot until fermentation begins.

BEYOND BREWING DAY, WEEKS 1-2

15. 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.

16. 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.

17. Transfer beer to secondary fermenter. Sanitize siphoning equipment and an airlock and carboy bung or stopper. Siphon the beer from the primary fermenter into the secondary. If you do not have a secondary fermenter, simply leave the wort in the primary.

BEYOND BREWING DAY— SECONDARY FERMENTATION

18. Secondary fermentation. Allow the beer to condition in the secondary fermenter (if applicable) for 2-4 weeks before proceeding with the next step. Timing now is somewhat flexible.

BOTTLING DAY—ABOUT 1 MONTH AFTER BREWING DAY

19. Sanitize siphoning and bottling equipment.

20. Mix a priming solution (a measured amount of sugar dissolved in water to carbonate the bottled beer). Use the following amounts, depending on which type of sugar you will use:

- Corn sugar (dextrose) $\frac{2}{3}$ cup in 16 oz water.
- Table sugar (sucrose) $\frac{5}{8}$ cup in 16 oz water.

Then bring the solution to a boil and pour into the bottling bucket.

21. Siphon beer into bottling bucket and mix with priming solution. Stir gently to mix—don't splash.

22. Fill and cap bottles.

1-2 WEEKS AFTER BOTTLING DAY

23. Condition bottles at room temperature for 1-2 weeks. After this point, the bottles can be stored cool or cold.

24. Serving. Pour into a clean glass, being careful to leave the layer of sediment at the bottom of the bottle. Cheers!