## MIRROR POND CLONE

**EXTRACT:** 6.75 lb. Golden Light Malt Extract

SPECIALTY GRAINS: 1.0 lb. Munich 10L

0.5 lb. Crystal 60L

HOPS: 1.5 oz. Cascade 60 min

1.0 oz. Cascade 15 min 1.0 oz. Cascade 5 min

0.5 oz. Cascade Dry Hop 3 days

YEAST: Imperial - A09 Pub

White Labs – WLP002 English Ale Omega – OYL-016 Extra Special (or) Dry Yeast – Lallemand Windsor

OTHER: 4 oz. Corn Sugar (to carbonate at bottling time)

1 tsp. Irish Moss (to clarify - optional - see step 7)

## **INSTRUCTIONS:**

- Bring 2 ½ 3 gallons of water to 160 170 degrees. Take pot off burner.
- 2. Steep (soak) specialty grains in bag for 30 40 min.
- 3. Rinse grains with 2 cups of 160 170 degree water and discard spent grains. (keep bag)
- 4. Pour malt extract into mixture. Stir until dissolved.
- 5. Return pot to heat and bring to boil. (DO NOT BOIL OVER)
- 6. Boil for 60 minutes, while adding the hops at the recipe intervals.
- 7. Add 1 tsp. of Irish Moss or ½ Whirlfloc tablet (optional for clarity) for the last 20 minutes of the boil.
- 8. Sanitize all equipment that the wort will come into contact with after the boil.
- 9. Put 1 gallon cold water into 6 61/2 gallon fermentation vessel.
- 10. Add contents of boil pot, fill to 5 gallon mark with cold water.

- 11. When wort has cooled to about 70 degrees pitch yeast and place lid on tight.
- 12. Install and fill airlock to the proper level with sanitizer or water. Store in area that will remain 65 70 degrees. Add dry hops for the last 3 days of fermentation.
- 13. After fermentation has stopped (14 17 days) transfer to a bottling bucket, add corn sugar (4 oz.) dissolved in 1 cup water.
- 14. Fill leaving 1" to 1 1/4" space in neck of bottle and seal with caps.
- 15. Age beer for two three weeks at 68 72 degrees, chill and enjoy.

**ALL GRAIN:** 9.5 lb. Pale Malt

1.0 lb. Munich 10L0.5 lb. Crystal 60L0.25 lb. Cara-Pils

HOPS: 1.5 oz. Cascade 60 min

1.0 oz. Cascade 15 min 1.0 oz. Cascade 5 min

0.5 oz. Cascade Dry Hop 3 days

YEAST: Imperial - A09 Pub

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Mash at 152 degrees for 60 minutes. Estimated OG 1.053, FG 1.015. Estimated IBU 41. Estimated SRM 7.4. Estimated ABV 4.9%



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