## **LUCILLE IPA CLONE**

**EXTRACT:** 7.0 lb. Golden Light Malt Extract

SPECIALTY GRAINS: 0.75 lb. Crystal 40L

0.5 lb. Cara-Pils

HOPS: 0.75 oz. Columbus 60 min

 1.0 oz.
 Centennial
 20 min

 1.0 oz.
 Amarillo
 10 min

 1.0 oz.
 Simcoe
 5 min

 1.0 oz.
 Cascade
 0 min

 1.0 lb.
 Corn Sugar
 0 min

1.0 oz. Citra Dry Hop 2 days1.0 oz. Centennial Dry Hop 2 days

YEAST: Imperial – A01 House

White Labs – Dry English WLP007 Omega – OYL-006 British Ale I

(or) Dry Yeast - Fermentis Safale S-04

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

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

## **INSTRUCTIONS:**

- 1. 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
- 9. Put 1 gallon cold water into  $6 6 \frac{1}{2}$  gallon fermentation vessel.
- 10. Add contents of boil pot, fill to 5 gallon mark with cold water.

- 11. When wort has cooled to 65 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.
- 13. After fermentation has stopped (about 10 days) transfer to a secondary fermenting bucket. Add dry hops 2 days before bottling
- When dry hop is finished, transfer to a bottling bucket, adding corn sugar dissolved in 1 cup water.
- 15. Fill leaving 1" to 1 1/4" space in neck of bottle and seal with caps.
- 16. Age beer for two three weeks at 68 72 degrees, chill and enjoy.

**ALL GRAIN:** 9.75 lb. Pale Malt

0.75 lb. Crystal 40L 0.5 lb. Cara-Pils

HOPS: 0.75 oz. Columbus 60 min

 1.0 oz.
 Centennial
 20 min

 1.0 oz.
 Amarillo
 10 min

 1.0 oz.
 Simcoe
 5 min

 1.0 oz.
 Cascade
 0 min

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1.0 oz. Citra Dry Hop 2 days1.0 oz. Centennial Dry Hop 2 days

YEAST: Imperial – A01 House

White Labs – Dry English WLP007 Omega – OYL-006 British Ale I

(or) Dry Yeast - Fermentis Safale S-04

Mash at 148 degrees for 60 minutes. Estimated OG 1.061, FG 1.008. Estimated IBU 83.9, SRM 6.6, Estimated ABV 7%



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