## **CELEBRATOR DOPPELBOCK**

**EXTRACT:** 6.6 lb. Munich Malt Extract

3.0 lb. Pilsen Light Dry Malt Extract

SPECIALTY GRAINS: 0.5 lb. Chocolate Malt

HOPS: 2.0 oz. Hallertau 60 min

YEAST: White Labs - WLP838 Southern German Lager (3 packs)

Imperial – L17 Harvest (2 packs)

Wyeast – Bavarian Lager 2206 (3 packs)

(or) Dry Yeast - Fermentis Saflager S-23 (2 packs)

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

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

## **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 about 30 min.
- 3. Rinse grains with 2 cups of 160 170 degree water and discard spent grains. (keep bag)
- 4. Pour liquid 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.
- When 15 minutes remain in the boil remove kettle from heat, and add dry malt extract. Stir until dissolved, then bring back to boil for the final 15 minutes.
- Sanitize all equipment that the wort will come into contact with after the boil.
- 10. Put 1 gallon cold water into 6 61/2 gallon fermentation vessel.
- 11. Add contents of boil pot, fill to 5 gallon mark with cold water.
- 12. Refer to Lagering instructions for fermentation. If fermenting as an ale, continue with these instructions.
- 13. When wort has cooled to about 70 degrees pitch yeast and place lid on tight.
- 14. Install and fill airlock to the proper level with sanitizer or water. Store in area that will remain 65 70 degrees.

- 15. After fermentation has stopped (14 17 days) transfer to a bottling bucket, add corn sugar (4 oz.) dissolved in 1 cup water.
- 16. Fill leaving 1" to 1 1/4" space in neck of bottle and seal with caps.
- 17. Age beer for two three weeks at 68 72 degrees, chill and enjoy.

**ALL GRAIN:** 9.0 lb. Pilsner Malt

4.75 lb. Munich Malt0.5 lb. Chocolate Malt0.5 lb. Melanoidin Malt

HOPS: 2.0 oz. Hallertau 60 min

YEAST: White Labs - WLP838 Southern German Lager (3 packs)

Imperial – L17 Harvest (2 packs)

Wyeast – Bavarian Lager 2206 (3 packs)

(or) Dry Yeast – Fermentis Saflager S-23 (2 packs)

Mash at 154 degrees for 60 minutes. 90 minute boil recommended. Estimated OG 1.071, FG 1.020, IBU 22.4, SRM 20.4, ABV 6.8%

## **LAGERING INSTRUCTIONS:**

- 1. After 50-54 degree primary fermentation has finished (12 14 days) transfer beer to secondary fermenter.
- Slowly reduce temperature by 4-5 degrees per day, until lagering temperature of 34-38 degrees is reached.
- 3. Hold at a consistent temperature of 34-38 degrees for 4-8 weeks.
- 4. Bottle or keg as normal.



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