

DESCHUTES JUBELALE CLONE

- EXTRACT:** 8.5 lb. Golden Light Malt Extract
- SPECIALTY GRAINS:** 0.75 lb. Crystal 80L
1.0 lb. Extra Special Roast
0.25 lb. Carapils
2.0 oz. Roasted Barley
- HOPS:**
- | | | |
|---------|-------------|----------------|
| 1.0 oz. | Columbus | 60 min |
| 0.5 oz. | Cascade | 30 min |
| 1.0 oz. | Tettnang | 5 min |
| 0.5 oz. | E.K Golding | 5 min |
| 0.5 oz. | Cascade | 5 min |
| 0.5 oz. | Cascade | Dry hop 2 days |
| 0.5 oz. | E.K Golding | Dry hop 2 days |

- YEAST:** Imperial - A09 Pub
White Labs – WLP002 English Ale
Omega – OYL – 016 British Ale VIII
(or) Dry Yeast - Fermentis Safale S-04

- 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 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 – 6 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 70 - 80 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. Once primary fermentation has stopped (about 7 days) transfer beer to secondary fermenter. Add dry hop additions 3-5 days before bottling.
14. At the end of fermentation (17 - 21 days total) transfer to a bottling bucket, add corn sugar (4 oz.) 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:**
- | | |
|----------|---------------------|
| 12 lb. | Pale Malt |
| 0.75 lb. | Crystal 80L |
| 1.0 lb. | Extra Special Roast |
| 0.25 lb. | Carapils |
| 2.0 oz | Roasted Barley |

- HOPS:**
- | | | |
|---------|-------------|----------------|
| 1.0 oz. | Columbus | 60 min |
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Mash at 152 degrees for 60 minutes. Estimated OG 1.066, FG 1.018.
Estimated IBU 60.6, Estimated SRM 19.9. Estimated ABV 6.4%



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