

Earl Gray IPA KJ2024

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **33**
- SRM **3.7**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **4 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **28.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **53 C**, Time **30 min**
- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **22.5 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **30 min** at **53C**
- Keep mash **30 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **13.4 liter(s)** of **76C** water or to achieve **28.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|---------------|--------|-----|
| Grain | Briess - Pilsen Malt | 4 kg (53.3%) | 80.5 % | 2 |
| Grain | Pszeniczny | 3 kg (40%) | 85 % | 4 |
| Grain | Płatki owsiane | 0.4 kg (5.3%) | 60 % | 3 |
| Grain | Weyermann - Acidulated Malt | 0.1 kg (1.3%) | 80 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-------------------|--------|--------|------------|
| Boil | Cascade PL | 30 g | 60 min | 5.2 % |
| Boil | Mandarina Bavaria | 50 g | 10 min | 10 % |
| Aroma (end of boil) | Mandarina Bavaria | 50 g | 3 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------|-------|--------|--------|------------------|
| FM50 Kłosy Kansas | Wheat | Liquid | 40 ml | Fermentum Mobile |

Extras

| Type | Name | Amount | Use for | Time |
|-------|------------------------|--------|-----------|----------|
| Spice | Suszona skórka cytryny | 20 g | Boil | 10 min |
| Spice | herbata Earl Gray | 100 g | Secondary | 7 day(s) |

Notes

- 4 g herbaty na 1 L piwa
Jun 19, 2024, 11:11 AM