

## #50 Earl Gray IPA

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **46**
- SRM **12.7**
- Style **English IPA**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.1 liter(s) / kg**
- Mash size **19.7 liter(s)**
- Total mash volume **26 liter(s)**

### Steps

- Temp **68 C**, Time **60 min**

### Mash step by step

- Heat up **19.7 liter(s)** of strike water to **75.7C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **14.4 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

### Fermentables

| Type  | Name                       | Amount         | Yield  | EBC |
|-------|----------------------------|----------------|--------|-----|
| Grain | Viking Pale Ale malt       | 5.3 kg (79.8%) | 80 %   | 5   |
| Grain | Strzegom Monachijski typ I | 0.6 kg (9%)    | 79 %   | 16  |
| Grain | Special B Malt             | 0.44 kg (6.6%) | 65.2 % | 315 |
| Sugar | Cukier biały               | 0.3 kg (4.5%)  | 100 %  | 0   |

### Hops

| Use for   | Name       | Amount | Time   | Alpha acid |
|-----------|------------|--------|--------|------------|
| Boil      | Challenger | 15 g   | 60 min | 8.3 %      |
| Boil      | Fuggles    | 15 g   | 60 min | 5.9 %      |
| Whirlpool | Challenger | 30 g   | 5 min  | 8.3 %      |
| Whirlpool | Fuggles    | 30 g   | 5 min  | 5.9 %      |
| Boil      | Magnum     | 20 g   | 60 min | 12.7 %     |

### Yeasts

| Name       | Type | Form  | Amount | Laboratory |
|------------|------|-------|--------|------------|
| London Ale | Ale  | Slant | 500 ml | Lallemand  |

### Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|      |                                |       |           |          |
|------|--------------------------------|-------|-----------|----------|
| Herb | Earl Gray herbata<br>liściasta | 100 g | Secondary | 1 day(s) |
|------|--------------------------------|-------|-----------|----------|