

# czeski pils 05.2024

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **44**
- SRM **4.2**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **31.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

## Steps

- Temp **52 C**, Time **10 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Sparge using **17.9 liter(s)** of **76C** water or to achieve **31.9 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount        | Yield  | EBC |
|-------|------------------------|---------------|--------|-----|
| Grain | BESTMALZ - Best Pilsen | 1 kg (14.3%)  | 80.5 % | 4   |
| Grain | BESTMALZ - Best Pilsen | 5 kg (71.4%)  | 80.5 % | 4   |
| Grain | BESTMALZ - Best Vienna | 0.5 kg (7.1%) | 80.5 % | 9   |
| Grain | Bestmalz Carmel Pils   | 0.5 kg (7.1%) | 75 %   | 5   |

## Hops

| Use for             | Name                  | Amount | Time   | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil                | Premiant              | 50 g   | 60 min | 8 %        |
| Aroma (end of boil) | Saaz (Czech Republic) | 40 g   | 10 min | 4.5 %      |
| Aroma (end of boil) | Premiant              | 40 g   | 5 min  | 7.8 %      |

## Yeasts

| Name                               | Type  | Form | Amount | Laboratory      |
|------------------------------------|-------|------|--------|-----------------|
| Mangrove Jack's M76 Bavarian Lager | Lager | Dry  | 23 g   | Mangrove Jack's |

## Extras

| Type   | Name      | Amount | Use for | Time   |
|--------|-----------|--------|---------|--------|
| Fining | whirlfloc | 1.25 g | Boil    | 10 min |