

# Český Ležák 12 ° BLG

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **43**
- SRM **4.8**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25.7 liter(s)**

## Mash information

- Mash efficiency **73 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

## Steps

- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **17.5 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **13.2 liter(s)** of **76C** water or to achieve **25.7 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount       | Yield | EBC |
|-------|----------------------------|--------------|-------|-----|
| Grain | Strzegom Pilzneński        | 4.5 kg (90%) | 82 %  | 4   |
| Grain | Strzegom Monachijski typ I | 0.2 kg (4%)  | 80 %  | 16  |
| Grain | Karmelowy Jasny 30EBC      | 0.2 kg (4%)  | 75 %  | 30  |
| Grain | Viking Melanoidynowy       | 0.1 kg (2%)  | 75 %  | 60  |

## Hops

| Use for | Name                  | Amount | Time   | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil    | Magnum                | 27 g   | 70 min | 11 %       |
| Boil    | Saaz (Czech Republic) | 20 g   | 20 min | 4.1 %      |
| Boil    | Saaz (Czech Republic) | 25 g   | 10 min | 4.1 %      |

## Yeasts

| Name             | Type  | Form  | Amount | Laboratory |
|------------------|-------|-------|--------|------------|
| Saflager W 34/70 | Lager | Slant | 200 ml | Fermentis  |

## Extras

| Type   | Name     | Amount | Use for | Time   |
|--------|----------|--------|---------|--------|
| Fining | wirflock | 1 g    | Boil    | 10 min |