

Bardziej ČESKÝ LEŽÁK v3

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **35**
- SRM **4.7**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **0 %**
- Size with trub loss **24 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.7 liter(s) / kg**
- Mash size **21.1 liter(s)**
- Total mash volume **26.8 liter(s)**

Steps

- Temp **63 C**, Time **25 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **21.1 liter(s)** of strike water to **68.8C**
- Add grains
- Keep mash **25 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (87.7%) | 80 % | 4 |
| Grain | Strzegom Monachijski typ II | 0.5 kg (8.8%) | 79 % | 22 |
| Grain | Karmelowy Jasny 30EBC | 0.2 kg (3.5%) | 75 % | 30 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Marynka | 5 g | 60 min | 10 % |
| Boil | Saaz (Czech Republic) | 32 g | 60 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 35 g | 25 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 30 g | 10 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 10 g | 5 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-------------------------|-------|-----|------|---------|
| Gozdawa - Czech Pilsner | Lager | Dry | 11 g | Gozdawa |
|-------------------------|-------|-----|------|---------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|-----------|--------|---------|-------|
| Fining | Whirlfloc | 1.2 g | Boil | 5 min |