

Majowy Koźlak

- Gravity **17.1 BLG**
- ABV **7.3 %**
- IBU **30**
- SRM **5.1**
- Style **Maibock/Helles Bock**

Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **10 %**
- Size with trub loss **17.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.8 liter(s)**

Steps

- Temp **52 C**, Time **10 min**
- Temp **63 C**, Time **20 min**
- Temp **72 C**, Time **25 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **17.1 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **20 min** at **63C**
- Keep mash **25 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **9.7 liter(s)** of **76C** water or to achieve **21.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------|----------------|-------|-----|
| Grain | Pilzneński | 5.2 kg (91.2%) | 81 % | 4 |
| Grain | Monachijski | 0.5 kg (8.8%) | 80 % | 16 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Marynka | 25 g | 60 min | 10 % |
| Boil | Lublin (Lubelski) | 10 g | 20 min | 4 % |