

# Koźlak wiosenny holenderski (lentebok)

- Gravity **17.3 BLG**
- ABV **7.4 %**
- IBU **21**
- SRM **6**
- Style **Maibock/Helles Bock**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 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 **63 C**, Time **30 min**
- Temp **70 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **30 min** at **63C**
- Keep mash **30 min** at **70C**
- Keep mash **10 min** at **78C**
- Sparge using **11.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount       | Yield | EBC |
|-------|----------------------------|--------------|-------|-----|
| Grain | Pilzneński                 | 5 kg (71.4%) | 81 %  | 4   |
| Grain | Strzegom Wiedeński         | 1 kg (14.3%) | 79 %  | 10  |
| Grain | Strzegom Monachijski typ I | 1 kg (14.3%) | 79 %  | 16  |

## Hops

| Use for | Name                 | Amount | Time   | Alpha acid |
|---------|----------------------|--------|--------|------------|
| Boil    | Hallertau Mittelfruh | 40 g   | 60 min | 5 %        |
| Boil    | Hallertau Mittelfruh | 10 g   | 15 min | 5 %        |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |