

# WEIZENBOCK

- Gravity **19.6 BLG**
- ABV **8.6 %**
- IBU **22**
- SRM **11.3**
- Style **Weizenbock**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **25.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **23.4 liter(s)**
- Total mash volume **31.2 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **23.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **76C**
- Sparge using **9.5 liter(s)** of **76C** water or to achieve **25.1 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pszeniczny    | 4 kg (51.3%)   | 80 %  | 5   |
| Grain | Weyermann - Monachijski I | 3.5 kg (44.9%) | 80 %  | 16  |
| Grain | Weyermann - Melanoidowy   | 0.2 kg (2.6%)  | 75 %  | 70  |
| Grain | Castlemalting - Special B | 0.1 kg (1.3%)  | 77 %  | 350 |

## Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil    | Lubelski | 40 g   | 60 min | 6.5 %      |

## Yeasts

| Name                   | Type  | Form   | Amount  | Laboratory |
|------------------------|-------|--------|---------|------------|
| FM41 Gwoździe i Banany | Lager | Liquid | 2000 ml | ---        |
| starter                |       |        |         |            |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|       |                |       |      |        |
|-------|----------------|-------|------|--------|
| Other | pożywka Wyeast | 2.7 g | Boil | 10 min |
| Other | łuska ryżowa   | 250 g | Mash | 5 min  |

## Notes

- Woda RO modyfikowana do wartości w PPM  
Ca-70  
Mg-5  
Na-40  
Cl-100  
S04-50  
HCO3-100  
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