

Hefeweizen

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **13**
- SRM **4**
- Style **Weizen/Weissbier**

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 **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Sparge using **16.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	2 kg (44.4%)	85 %	7
Grain	Pszeniczny	2.5 kg (55.6%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Tettnang	30 g	60 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Fermentis WB-06	Wheat	Dry	11 g	Fermentis
temp. fermentacji 18-19C. ok. 2 tyg				

Extras

Type	Name	Amount	Use for	Time
Other	Łuska ryżowa	500 g	Mash	75 min