

## #15 Hefeweizen

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- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **17**
- SRM **3.3**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **27.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **36.3 liter(s)**

### Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

### Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **1 min**

### Mash step by step

- Heat up **18.6 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **30 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **23 liter(s)** of **76C** water or to achieve **36.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.31 kg (43.5%)	80 %	5
Grain	Pszeniczny	3 kg (56.5%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	10.41 g	90 min	11 %
Boil	Lublin (Lubelski)	20.84 g	45 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Slant	208.34 ml	Fermentum Mobile