

#14 Hefeweizen

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **8**
- SRM **3.8**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.5 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.9 liter(s)**
- Total mash volume **15.3 liter(s)**

Steps

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

Mash step by step

- Heat up **11.9 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**
- Sparge using **8 liter(s)** of **76C** water or to achieve **16.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszoniczny	1.7 kg (50%)	85 %	4
Grain	Pilzniejszy	1.7 kg (50%)	81 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Spalt Select	15 g	50 min	3.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M20 Bavarian Wheat	Wheat	Dry	11 g	Mangrove Jack's