

Hefeweizen

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **13**
- SRM **3.9**
- 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 **80 min**
- Evaporation rate **10 %/h**
- Boil size **26.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **19.4 liter(s)**

Steps

- Temp **45 C**, Time **15 min**
- Temp **55 C**, Time **15 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **40 min**
- Temp **77 C**, Time **8 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **48.7C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **15 min** at **55C**
- Keep mash **40 min** at **62C**
- Keep mash **40 min** at **72C**
- Keep mash **8 min** at **77C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **26.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.5 kg (56.8%)	85 %	4
Grain	Pilzneński	1.7 kg (38.6%)	81 %	4
Grain	Carabelge	0.2 kg (4.5%)	80 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	70 min	10 %
Boil	Halletauer Tradition	15 g	5 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar Munich Classic	Wheat	Dry	11 g	---