

# hefeweizen (paulaner)

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **11**
- SRM **4.4**
- 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 **90 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.2 liter(s)**
- Total mash volume **18.9 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **65 C**, Time **50 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **14.2 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **50 min** at **65C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **16.9 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Wheat Malt	2.4 kg (50.8%)	85 %	5
Grain	Simpsons - Maris Otter	2.2 kg (46.6%)	81 %	6
Grain	Carahell	0.12 kg (2.5%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hersbrucker	30 g	90 min	3 %

## Yeasts

Name	Type	Form	Amount	Laboratory
WLP300 - Hefeweizen Ale Yeast	Wheat	Liquid	35 ml	White Labs

## Notes

- tylko fermentacja burzliwa  
*Mar 22, 2018, 1:38 AM*