

## #3 Weissbier

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **12**
- 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 **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 **13.8 liter(s)**
- Total mash volume **18.4 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**

### Mash step by step

- Heat up **13.8 liter(s)** of strike water to **49.2C**
- 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**
- Sparge using **17.2 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	3.2 kg (69.6%)	85 %	4
Grain	Pilzniejszy	1.2 kg (26.1%)	81 %	4
Grain	Carahell	0.2 kg (4.3%)	77 %	26

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hersbrucker	24 g	60 min	4.3 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Mauribrew Weiss Y1433	Wheat	Dry	4 g	Mauribrew

### Notes

- 3,3g glukozy na butelke  
*Jul 15, 2018, 1:03 PM*