

## Weissbier #3

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **14**
- SRM **3.7**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.7 liter(s)**
- Boil time **70 min**
- Evaporation rate **15 %/h**
- Boil size **17.5 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **9.8 liter(s)**
- Total mash volume **12.6 liter(s)**

### Steps

- Temp **45 C**, Time **15 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **0 min**

### Mash step by step

- Heat up **9.8 liter(s)** of strike water to **48.6C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **40 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **10.5 liter(s)** of **76C** water or to achieve **17.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Heidelberg	1.1 kg (39.3%)	80.5 %	3
Grain	Weyermann pszeniczny jasny	1.7 kg (60.7%)	80 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	6 g	70 min	12.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
WLP300 - Hefeweizen Ale Yeast	Wheat	Liquid	50 ml	White Labs