

# Weizen

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **16**
- SRM **4.4**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **10 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **21.6 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **77 C**, Time **10 min**

## Mash step by step

- Heat up **16.8 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **77C**
- Sparge using **10.8 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wheat Malt	2.4 kg (50%)	83 %	5
Grain	Viking Pilsner malt	2.15 kg (44.8%)	82 %	4
Grain	Viking Munich Malt	0.25 kg (5.2%)	78 %	18

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	8.8 %
Boil	Saaz (Czech Republic)	20 g	15 min	3.78 %

## Yeasts

Name	Type	Form	Amount	Laboratory
WB-06	Wheat	Dry	11 g	---