

# Witbier

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- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **13**
- SRM **3.6**
- Style **Witbier**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **19 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	2.5 kg (50%)	82 %	4
Grain	Viking Wheat Malt	2.5 kg (50%)	83 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Perle	15 g	60 min	6.2 %
Boil	Perle	10 g	10 min	6.2 %
Boil	Perle	10 g	5 min	6.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 3944 Belgian Witbier	Ale	Liquid	125 ml	Wyeast Labs