

# Weizen

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **24**
- SRM **3.5**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **69 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **60 min** at **69C**
- Keep mash **0 min** at **78C**
- Sparge using **19.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.5 kg (41.7%)	85 %	4
Grain	Weyermann - Bohemian Pilsner Malt	2 kg (33.3%)	81 %	4
Grain	Płatki pszeniczne	1 kg (16.7%)	60 %	3
Grain	Weyermann - Carapils	0.5 kg (8.3%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	25 g	30 min	14 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	1000 ml	Fermentum Mobile

## Extras

Type	Name	Amount	Use for	Time
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Water Agent	Kwas mlekowy	30 g	Boil	60 min
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