

## Wajcen receptura bazowa

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **10**
- SRM **5**
- Style **Weizen/Weissbier**

### 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 **4 liter(s) / kg**
- Mash size **21.5 liter(s)**
- Total mash volume **26.8 liter(s)**

### Steps

- Temp **45 C**, Time **15 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **21.5 liter(s)** of strike water to **48.1C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	3.19 kg (59.5%)	85 %	4
Grain	Pilzneński	1.92 kg (35.7%)	81 %	4
Grain	Carawheat (GR)	0.26 kg (4.8%)	68 %	79

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	8.94 g	60 min	11 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	127.78 ml	Fermentum Mobile