

## PSZENICA 4

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- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **15**
- SRM **4**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **3 %**
- Size with trub loss **23.9 liter(s)**
- Boil time **75 min**
- Evaporation rate **12 %/h**
- Boil size **29.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

### Mash step by step

- Heat up **17.4 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **1 min** at **76C**
- Sparge using **18.1 liter(s)** of **76C** water or to achieve **29.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - pszeniczny jasny	3 kg (51.7%)	80 %	6
Grain	Weyermann - Pilsner Premium	2.5 kg (43.1%)	81 %	2
Grain	Weyermann - Wiedeński	0.3 kg (5.2%)	79 %	10

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	25 g	60 min	4 %
Boil	Lublin (Lubelski)	25 g	20 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	1200 ml	Fermentum Mobile

### Extras

Type	Name	Amount	Use for	Time
Water Agent	witamina C	2 g	Bottling	---

Other	łuska ryżowa	200 g	Mash	5 min
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## Notes

- Woda RO modyfikowana do wartości w PPM  
Ca-50  
Mg-5  
Na-10  
Cl-95  
S04-50  
HCO3-0  
*Jul 25, 2021, 5:57 PM*