

# Pszeniczne

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **20**
- SRM **3.7**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **16.3 liter(s)**
- Total mash volume **21.1 liter(s)**

## Steps

- Temp **44 C**, Time **15 min**
- Temp **52 C**, Time **10 min**
- Temp **64 C**, Time **30 min**
- Temp **67 C**, Time **20 min**
- Temp **72 C**, Time **10 min**
- Temp **75 C**, Time **5 min**

## Mash step by step

- Heat up **16.3 liter(s)** of strike water to **47.5C**
- Add grains
- Keep mash **15 min** at **44C**
- Keep mash **10 min** at **52C**
- Keep mash **30 min** at **64C**
- Keep mash **20 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **75C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.8 kg (57.1%)	82 %	4
Grain	Słód Colorado Pale Base	2 kg (40.8%)	80 %	5
Adjunct	Łuska ryżowa	0.1 kg (2%)	1 %	1

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Perle	25 g	50 min	7.1 %
Boil	Saaz (Czech Republic)	20 g	5 min	4.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Slant	300 ml	---