

# Pszenica klasyczna

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **13**
- SRM **3.6**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 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 **44 C**, Time **20 min**
- Temp **68 C**, Time **60 min**
- Temp **100 C**, Time **60 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **60 min** at **68C**
- Keep mash **60 min** at **100C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	3 kg (60%)	78 %	4
Grain	Strzegom Pilzneński	2 kg (40%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	8 g	60 min	15.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	30 ml	Fermentum Mobile

## Notes

- 20 min temp. 44\*c  
60 min temp 69\*c  
Zagrzać do 76\*c i filtracja  
Po filtracji 24 litry brzeczki 10 blg  
Po gotowaniu  
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