

# Pszeniczne

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **14**
- SRM **4.5**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **10 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **77 C**, Time **1 min**

## Mash step by step

- Heat up **10.5 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **1 min** at **77C**
- Sparge using **8.8 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann pszeniczny jasny	2 kg (57.1%)	80 %	5
Grain	Weyermann - Pilsner Malt	1.5 kg (42.9%)	81 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	15 g	60 min	4 %
Boil	Lublin (Lubelski)	10 g	15 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa Bavarian Wheat 11	Wheat	Dry	10 g	---

## Extras

Type	Name	Amount	Use for	Time
Other	Łuska ryżowa	100 g	Mash	60 min

## Notes

- Przerwa 44 C tylko sam sód pszeniczny.  
Łuska ryżowa dodana do filtracji.  
*Apr 12, 2020, 7:40 PM*