

# Pszeniczne 15l

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **14**
- SRM **3.7**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.4 liter(s)**
- Total mash volume **15.2 liter(s)**

## Steps

- Temp **45 C**, Time **15 min**
- Temp **55 C**, Time **15 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **40 min**

## Mash step by step

- Heat up **11.4 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **15 min** at **55C**
- Keep mash **40 min** at **62C**
- Keep mash **40 min** at **72C**
- Sparge using **11.4 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	1.5 kg (39.5%)	81 %	4
Grain	Pszeniczny	2.3 kg (60.5%)	85 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	45 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
wb-06	Wheat	Dry	8.33 g	---

## Notes

- koszt:  
pilzneński- 6,00zł  
pszeniczny- 10,40zł  
chmiel- 0,70zł  
drożdże- 12,50zł  
suma=29,60zł  
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