

WĘDZONA PSZENICA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **13**
- SRM **4.3**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **44 C**, Time **30 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **30 min** at **44C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Sparge using **17 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Malt Wędzony Czereśnią	1 kg (16.7%)	82 %	10
Grain	Grodziski pszeniczny wędzony dębem	1 kg (16.7%)	80 %	3
Grain	Viking Pale Ale malt	2 kg (33.3%)	80 %	5
Grain	Pszeniczny	2 kg (33.3%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	30 g	40 min	4 %
Boil	Lublin (Lubelski)	20 g	15 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP351 - Bavarian Weizen Yeast	Wheat	Liquid	100 ml	White Labs