

## #41 Wędzona pszenica

- Gravity **11.2 BLG**
- ABV ---
- IBU **12**
- SRM **7**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.3 liter(s)**
- Total mash volume **18.4 liter(s)**

### Steps

- Temp **45 C**, Time **100 min**
- Temp **69 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **14.3 liter(s)** of strike water to **48.6C**
- Add grains
- Keep mash **100 min** at **45C**
- Keep mash **30 min** at **69C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.8 liter(s)** of **76C** water or to achieve **26 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pszeniczny Bestmalz	2 kg (48.8%)	82 %	5
Grain	Słód Wędzony Steinbach	1 kg (24.4%)	80 %	5
Grain	Strzegom Pilzneński	1 kg (24.4%)	80 %	4
Grain	Caraaroma Wayermann	0.1 kg (2.4%)	78 %	400

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	25 g	60 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	400 ml	Fermentum Mobile