Pszeniczniak 3/17

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **11**
- SRM **4.5**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

Steps

- Temp **43 C**, Time **10 min**
- Temp **53 C**, Time **20 min**
- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **19.8 liter(s)** of strike water to **46.8C**
- Add grains
- Keep mash **10 min** at **43C**
- Keep mash **20 min** at **53C**
- Keep mash **30 min** at **63C**
- Keep mash **40 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **21 liter(s)** of **76C** water or to achieve **34.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	3 kg *(45.5%)*	85 %	4
Grain	Strzegom Pilzneński	3 kg *(45.5%)*	80 %	4
Grain	Strzegom Karmel 30	0.5 kg *(7.6%)*	75 %	30
Grain	Acid Malt	0.1 kg *(1.5%)*	58.7 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	30 g	60 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Dry	11 g	Danstar