

Pszenica

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **33**
- SRM **8.6**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (33.3%)	76 %	35
Grain	Pszeniczny	3 kg (50%)	85 %	4
Grain	Płatki pszeniczne	1 kg (16.7%)	60 %	3
Grain	Płatki owsiane	0 kg	60 %	3
Grain	zakwaszający	0 kg	--- %	---

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	szyszka	50 g	60 min	6.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
wb 06	Wheat	Dry	11 g	---