

## Lekko białe - Weizen

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **14**
- SRM **3.8**
- 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 **15 %/h**
- Boil size **26.4 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.6 liter(s)**
- Total mash volume **16.8 liter(s)**

### Steps

- Temp **45 C**, Time **60 min**
- Temp **63 C**, Time **20 min**
- Temp **72 C**, Time **30 min**

### Mash step by step

- Heat up **12.6 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **60 min** at **45C**
- Keep mash **20 min** at **63C**
- Keep mash **30 min** at **72C**
- Sparge using **18 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.5 kg (59.5%)	85 %	4
Grain	Pilznieński	1.5 kg (35.7%)	81 %	4
Grain	Strzegom Karmel 30	0.2 kg (4.8%)	75 %	30

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	30 g	60 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	1000 ml	---