

Belgian Pale Ale

- Gravity **12.9 BLG**
- ABV ---
- IBU **24**
- SRM **7.2**
- Style **Belgian Pale Ale**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **46.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27 liter(s)**
- Total mash volume **36 liter(s)**

Steps

- Temp **64 C**, Time **20 min**
- Temp **72 C**, Time **45 min**

Mash step by step

- Heat up **27 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **20 min** at **64C**
- Keep mash **45 min** at **72C**
- Sparge using **28.2 liter(s)** of **76C** water or to achieve **46.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale	5.5 kg (61.1%)	85 %	7
Grain	Weyermann - Monachijski I	2.5 kg (27.8%)	85 %	17
Grain	Weyermann - Abbey Malt	0.6 kg (6.7%)	75 %	45
Grain	Carabelge	0.4 kg (4.4%)	80 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	60 min	10 %
Boil	Styrian Golding	60 g	15 min	3.6 %

Yeasts

Name	Type	Form	Amount	Laboratory
WLP550 - Belgian Ale Yeast	Ale	Liquid	35 ml	White Labs