

# Belgian Pale Ale

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **25**
- SRM **8.4**
- Style **Belgian Pale Ale**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **8 %**
- Size with trub loss **23.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.8 liter(s)**

## Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **5.5 liter(s) / kg**
- Mash size **33 liter(s)**
- Total mash volume **39 liter(s)**

## Steps

- Temp **64 C**, Time **25 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **33 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **25 min** at **64C**
- Keep mash **40 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **2.8 liter(s)** of **76C** water or to achieve **29.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3 kg (50%)	85 %	7
Grain	Monachijski typ II 20-25 EBC Weyermann	2 kg (33.3%)	80 %	20
Grain	Carabelge	0.5 kg (8.3%)	80 %	30
Grain	Abbey Malt Weyermann	0.5 kg (8.3%)	75 %	45

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Brewers Gold	30 g	55 min	7.6 %
Aroma (end of boil)	Styrian Golding	30 g	15 min	3.6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM26 Belgijskie Pagórki	Ale	Liquid	30 ml	Fermentum Mobile

## Extras

Type	Name	Amount	Use for	Time
Fining	Whirlfloc	1.25 g	Boil	15 min

## Notes

- Whirlfloc - 1/2 tabletki.  
Fermentacja burzliwa 8 dni w temperaturze około 20°C.  
  
Fermentacja cicha 14 dni w temperaturze około 20°C.  
*Oct 13, 2023, 10:24 AM*