

# Belgian Pale Ale 13 BLG z Homebrewing

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- Gravity **12.9 BLG**
- ABV ---
- IBU **18**
- SRM **6**
- Style **Belgian Pale Ale**

## 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 **23.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

## Steps

- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **14.1 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **30 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **13.7 liter(s)** of **76C** water or to achieve **23.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4 kg (85.1%)	80 %	4
Grain	Abbey Malt Weyermann	0.3 kg (6.4%)	75 %	45
Grain	Carabelge	0.3 kg (6.4%)	80 %	30
Grain	Viking melanoidynowy	0.1 kg (2.1%)	75 %	60

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz	30 g	60 min	4 %
Aroma (end of boil)	Saaz	20 g	10 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Fermentis Safbrew BE-256	Ale	Dry	11.5 g	Fermentis