

Belgian Pale Ale Premium HB

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **15**
- SRM **6.1**
- 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 **15 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **65 C**, Time **40 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **15 min**

Mash step by step

- Heat up **14 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **40 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **15 min** at **76C**
- Sparge using **16.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	2.5 kg (62.5%)	85 %	7
Grain	Weyermann - Light Munich Malt	1 kg (25%)	82 %	14
Grain	Abbey Malt Weyermann	0.3 kg (7.5%)	75 %	45
Grain	Carabelge	0.2 kg (5%)	80 %	30

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	30 g	5 min	5.1 %
Boil	Styrian Golding	30 g	45 min	3.6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 3522 Belgian Ardennes	Ale	Liquid	125 ml	Wyeast Labs