

Belgijskie Pale Ale

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **27**
- SRM **6.4**
- Style **Belgian Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33.9 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **23.2 liter(s)**

Steps

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

Mash step by step

- Heat up **18 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **20 min** at **64C**
- Keep mash **45 min** at **72C**
- Sparge using **21.1 liter(s)** of **76C** water or to achieve **33.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3.2 kg (62.1%)	85 %	6
Grain	Monachijski typ II 20-25 EBC Weyermann	1.3 kg (25.2%)	80 %	20
Grain	Abbey Malt Weyermann	0.35 kg (6.8%)	75 %	45
Grain	Carabelge	0.3 kg (5.8%)	80 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	mosaic	35 g	55 min	7.1 %
Boil	East Kent Goldings	40 g	10 min	5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM26 Belgijskie Pagórki	Ale	Liquid	37.5 ml	---

Extras

Type	Name	Amount	Use for	Time
------	------	--------	---------	------

Fining	mech irlandzki	10 g	Boil	15 min
--------	----------------	------	------	--------