

## Belgian Blonde Ale +

- Gravity **18.9 BLG**
- ABV ---
- IBU **24**
- SRM **7.1**
- Style **Belgian Blond 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 **25.3 liter(s)**

### Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.4 liter(s)**
- Total mash volume **23.6 liter(s)**

### Steps

- Temp **54 C**, Time **20 min**
- Temp **62 C**, Time **20 min**
- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **18.4 liter(s)** of strike water to **58.9C**
- Add grains
- Keep mash **20 min** at **54C**
- Keep mash **20 min** at **62C**
- Keep mash **50 min** at **68C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **12.2 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Cara Blonde - Castle Malting	0.5 kg (8.5%)	78 %	20
Grain	Pilzneński	4.5 kg (76.9%)	81 %	4
Grain	Biscuit Malt	0.25 kg (4.3%)	79 %	45
Sugar	Candi Sugar, Clear	0.3 kg (5.1%)	78.3 %	2
Liquid Extract	Honey	0.3 kg (5.1%)	75 %	2

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Tradition	25 g	70 min	5.4 %
Boil	Marynka	10 g	30 min	10.5 %
Boil	Lublin (Lubelski)	20 g	10 min	4 %

### Yeasts

Name	Type	Form	Amount	Laboratory
------	------	------	--------	------------

Gęstwa Northeastern Abbey Yeast	Ale	Slant	150 ml	The Yeast Bay
---------------------------------------	-----	-------	--------	---------------

### Extras

Type	Name	Amount	Use for	Time
Fining	mech irlandzki	5 g	Boil	15 min
Water Agent	Gips Piwowarski	10 g	Mash	---