

Belgian March Beer

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **20**
- SRM **10.9**
- Style **Belgian Dubbel**

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 **5 %/h**
- Boil size **23.1 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **18.6 liter(s)**

Steps

- Temp **63 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **2 min**

Mash step by step

- Heat up **14 liter(s)** of strike water to **70.1C**
- Add grains
- Keep mash **60 min** at **63C**
- Keep mash **15 min** at **72C**
- Keep mash **2 min** at **78C**
- Sparge using **13.8 liter(s)** of **76C** water or to achieve **23.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pilsen Malt	2.25 kg (48.4%)	80.5 %	2
Grain	Cara Ruby Castle	2 kg (43%)	72 %	49
Grain	Biscuit Malt	0.4 kg (8.6%)	79 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	5 g	125 min	4.5 %
Boil	Magnum	17 g	25 min	13.5 %