

Tripelek

- Gravity **18.4 BLG**
- ABV **8 %**
- IBU **23**
- SRM **5.7**
- Style **Belgian Tripel**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **14.4 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **9.4 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4.3 kg (79.6%)	80 %	4
Grain	Biscuit Malt	0.25 kg (4.6%)	79 %	45
Grain	Weyermann - Carapils	0.25 kg (4.6%)	78 %	4
Sugar	Candi Sugar, Clear	0.6 kg (11.1%)	78.3 %	2

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau	30 g	55 min	4.5 %
Boil	Hallertau	20 g	30 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangroove Jack M31 Belgian Triple	Ale	Dry	10 g	Mangroove Jack

Notes

- Cukier dodajemy podczas fermentacji burzliwej. W jej najlepszym stadium. Drożdże do fermentacji będą rozmnożone w starterze przygotowanym z rozcieńczonej brzeczki przedniej.
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