Imperial IPA 2022_05

- Gravity **17.7 BLG**
- ABV **7.6 %**
- IBU **102**
- SRM **5.1**
- Style **Imperial IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **2 %**
- Size with trub loss **21.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **24.6 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **24.5 liter(s)**
- Total mash volume **31.5 liter(s)**

Steps

- Temp **62 C**, Time **60 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **24.5 liter(s)** of strike water to **68C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **15 min** at **78C**
- Sparge using **7.1 liter(s)** of **76C** water or to achieve **24.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	6.5 kg *(92.9%)*	80 %	5
Grain	Płatki owsiane	0.5 kg *(7.1%)*	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	13.5 %
Boil	Bravo	25 g	69 min	13.9 %
Whirlpool	Chinook	50 g	10 min	13 %
Dry Hop	Cascade PL	50 g	5 day(s)	5.2 %
Dry Hop	Styrian Dragon	50 g	5 day(s)	7.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Hornidale	Ale	Dry	5 g	---

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.