

# Imperial IPA 2022\_04

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- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **91**
- SRM **4.7**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **2 %**
- Size with trub loss **26 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **29.2 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **26.3 liter(s)**
- Total mash volume **33.8 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **15 min**

## Mash step by step

- Heat up **26.3 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **78C**
- Sparge using **10.4 liter(s)** of **76C** water or to achieve **29.2 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	7 kg (93.3%)	80 %	5
Grain	Płatki owsiane	0.5 kg (6.7%)	60 %	3

## Hops

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

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	1000 ml	Fermentis