

# Imperial Ipa - The Fighter - Brookreacja

- Gravity **17.5 BLG**
- ABV **7.5 %**
- IBU **134**
- SRM **7.3**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **29.5 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **25.2 liter(s)**

## Steps

- Temp **63 C**, Time **75 min**
- Temp **78 C**, Time **15 min**

## Mash step by step

- Heat up **18.9 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **75 min** at **63C**
- Keep mash **15 min** at **78C**
- Sparge using **16.9 liter(s)** of **76C** water or to achieve **29.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	4.1 kg (65.1%)	85 %	7
Grain	Monachijski typ II 20-25 EBC Weyermann	1.85 kg (29.4%)	80 %	20
Grain	Weyermann pszeniczny jasny	0.35 kg (5.6%)	80 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	55 g	60 min	15.5 %
Boil	Citra	20 g	30 min	12 %
Boil	Simcoe	20 g	30 min	13.2 %
Boil	Citra	25 g	15 min	12 %
Boil	Simcoe	25 g	15 min	13.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	23 g	Fermentis