

# NE IPA

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- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **21**
- SRM **4.2**
- Style **Specialty Beer**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **55 C**, Time **10 min**
- Temp **64 C**, Time **15 min**
- Temp **72 C**, Time **20 min**

## Mash step by step

- Heat up **22.5 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **15 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	6 kg (80%)	80 %	4
Grain	Płatki owsiane	0.5 kg (6.7%)	85 %	3
Grain	Płatki pszeniczne	1 kg (13.3%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	10 g	60 min	13.2 %
Boil	Mosaic	10 g	60 min	10 %
Aroma (end of boil)	Mosaic	20 g	5 min	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM55 Zielone Wzgórze	Ale	Liquid	25 ml	Fermentum Mobile