

# NEW ENGLAND CZIPER IPA

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- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **66**
- SRM **4.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	3.5 kg (53.8%)	82 %	4
Grain	Pszeniczny	1 kg (15.4%)	85 %	4
Grain	Płatki pszeniczne	1 kg (15.4%)	85 %	3
Grain	Płatki owsiane	1 kg (15.4%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	30 g	60 min	7.8 %
Boil	lunga	40 g	60 min	11 %
Dry Hop	Mosaic	50 g	7 day(s)	10 %
Dry Hop	Cascade PL	50 g	5 day(s)	7.8 %
Dry Hop	Amarillo	40 g	5 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM55 Zielone Wzgórze	Ale	Liquid	20 ml	Fermentum Mobile