

# NZ IPA #1

- Gravity **15.4 BLG**
- ABV ---
- IBU **70**
- SRM **7.8**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Sparge using **14.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	5 kg (83.3%)	79 %	6
Grain	Carahell	0.5 kg (8.3%)	77 %	26
Grain	Strzegom Wiedeński	0.5 kg (8.3%)	79 %	10

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Waimea	30 g	45 min	15.3 %
Boil	Pacific Gem	50 g	10 min	13.9 %
Dry Hop	Pacific Gem	50 g	5 day(s)	15.3 %
Dry Hop	Waimea	20 g	5 day(s)	15.3 %

## Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	22 g	safale

## Extras

Type	Name	Amount	Use for	Time
Fining	mech irlandzki	10 g	Boil	10 min