

# Mglista Nowa Zelandia

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **46**
- SRM **4.4**
- 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 **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (33.3%)	80 %	5
Grain	Weyermann - Pilsner Malt	2 kg (33.3%)	81 %	5
Grain	Pszeniczny	1 kg (16.7%)	85 %	4
Grain	Płatki owsiane	1 kg (16.7%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Vic Secret	20 g	60 min	16.3 %
Boil	Dr Rudi	30 g	10 min	11.8 %
Whirlpool	Dr Rudi	30 g	0 min	11.8 %
Dry Hop	Rakau (NZ)	100 g	3 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	200 ml	Fermentum Mobile