

# Kiwi Kiwi Kiwi bez Kiwi - NZ Hazy Pale Ale

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **15**
- SRM **4**
- Style **American Pale Ale**

## 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 **15 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **62 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **30 min** at **62C**
- Keep mash **30 min** at **72C**
- Sparge using **16.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.75 kg (75%)	80 %	5
Grain	Płatki owsiane	0.625 kg (12.5%)	60 %	3
Grain	Pszeniczny	0.625 kg (12.5%)	85 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Nelson Sauvín	12 g	60 min	11 %
Whirlpool	Nelson Sauvín	20 g	0 min	11 %
Whirlpool	Motueka	50 g	0 min	7 %
Dry Hop	Waimea	62 g	4 day(s)	17 %
Dry Hop	Kohatu	62 g	4 day(s)	7.8 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	11.5 g	Fermentis