

# NewZeland IPA

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **52**
- SRM **4.8**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.5 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **24.8 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **14.4 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **15.2 liter(s)** of **76C** water or to achieve **24.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Carapils	0.3 kg (6.3%)	78 %	4
Grain	Weyermann - Pale Ale Malt	4.5 kg (93.8%)	85 %	7

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Dr Rudi	30 g	50 min	11.8 %
Boil	Kohatu	10 g	10 min	7.8 %
Boil	Dr Rudi	20 g	10 min	11.8 %
Aroma (end of boil)	WAI-ITI	10 g	0 min	4.1 %
Aroma (end of boil)	Dr Rudi	10 g	0 min	11.8 %
Dry Hop	Kohatu	20 g	5 day(s)	7.8 %
Dry Hop	WAI-ITI	20 g	5 day(s)	4.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis