

NZ IPA

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **35**
- SRM **4.2**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.4 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **19.8 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **3 min**

Mash step by step

- Heat up **15.8 liter(s)** of strike water to **71.8C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **3 min** at **78C**
- Sparge using **10.6 liter(s)** of **76C** water or to achieve **22.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.3 kg (83.3%)	80 %	5
Grain	Monachijski	0.33 kg (8.3%)	80 %	16
Grain	Pszeniczny	0.33 kg (8.3%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Green Bullet	10 g	60 min	13.1 %
Boil	Nectaron	20 g	20 min	12 %
Aroma (end of boil)	Nectaron	30 g	0 min	10.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis