

NEIPA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **21**
- SRM **4.7**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **20.4 liter(s)**
- Total mash volume **26.4 liter(s)**

Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **20.4 liter(s)** of strike water to **72.8C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **9.4 liter(s)** of **76C** water or to achieve **23.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.5 kg (58.3%)	80 %	5
Grain	Weyermann - Carapils	0.5 kg (8.3%)	78 %	4
Grain	Viking Wheat Malt	1 kg (16.7%)	83 %	5
Grain	Płatki pszeniczne	0.5 kg (8.3%)	85 %	3
Grain	Płatki owsiane	0.5 kg (8.3%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Equinox	5 g	60 min	13.1 %
Boil	Simcoe	10 g	5 min	13.2 %
Aroma (end of boil)	Simcoe	20 g	1 min	13.2 %
Whirlpool	Simcoe	30 g	15 min	13.2 %
Dry Hop	Equinox	60 g	3 day(s)	13.1 %
Dry Hop	Citra	80 g	3 day(s)	12 %
Dry Hop	Amarillo	45 g	3 day(s)	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	23 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Water Agent	Gips	4 g	Mash	60 min
Fining	Whirlfloc	2 g	Boil	5 min