

NEIPA

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **40**
- SRM **4.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **11.9 liter(s)**
- Total mash volume **15.3 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **11.9 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **6.7 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg (73.5%)	80 %	5
Grain	Pszeniczny	0.5 kg (14.7%)	85 %	4
Grain	Płatki owsiane	0.4 kg (11.8%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	10 g	60 min	15.5 %
Whirlpool	Amarillo	25 g	5 min	9.5 %
Whirlpool	Azacca	25 g	5 min	14 %
Whirlpool	Nelson Sauvín	25 g	5 min	11 %
Dry Hop	Amarillo	25 g	3 day(s)	9.5 %
Dry Hop	Nelson Sauvín	25 g	3 day(s)	11 %
Dry Hop	Azacca	25 g	3 day(s)	14 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	Safale