

# NEIPA 2021.01

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **29**
- SRM **3.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **26.1 liter(s)**

## Steps

- Temp **69 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **20.3 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **45 min** at **69C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (86.2%)	80 %	5
Grain	Platki owsiane	0.8 kg (13.8%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Citra	50 g	30 min	12.9 %
Whirlpool	Cascade PL	30 g	30 min	5.8 %
Dry Hop	Citra	50 g	4 day(s)	12.9 %
Dry Hop	Sabro	50 g	4 day(s)	15.8 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - London Ale III	Ale	Slant	100 ml	Wyeast Labs