

## 51 NEIPA

---

- Gravity **17.5 BLG**
- ABV **7.5 %**
- IBU **45**
- SRM **4.1**

### Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **24.5 liter(s)**

### Mash information

- Mash efficiency **83 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

### Steps

- Temp **65 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **16.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **24.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Golden Promise	4 kg (65.6%)	81 %	4
Grain	Pszeniczny	0.5 kg (8.2%)	85 %	4
Grain	Słód owsiany Fawcett	0.5 kg (8.2%)	61 %	5
Grain	Płatki owsiane	0.25 kg (4.1%)	60 %	3
Grain	Płatki pszeniczne	0.25 kg (4.1%)	60 %	3
Sugar	Milk Sugar (Lactose)	0.6 kg (9.8%)	76.1 %	0

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	60 min	13 %
Whirlpool	Sabro	25 g	15 min	15 %
Whirlpool	Citra	25 g	15 min	12 %
Whirlpool	Moutere	50 g	15 min	14.5 %
Dry Hop	Sabro	25 g	0 day(s)	15.1 %
Dry Hop	Citra	25 g	0 day(s)	12 %
Dry Hop	Moutere	50 g	0 day(s)	14.5 %

Dry Hop	Sabro	50 g	3 day(s)	15 %
Dry Hop	Citra	50 g	3 day(s)	12 %
Dry Hop	Moutere	100 g	3 day(s)	14.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
WLP066 - London Fog	Ale	Liquid	40 ml	White Labs