

## NEIPA IV

---

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **6**
- SRM **3.7**

### Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **15 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **14 liter(s)**

### Steps

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

### Mash step by step

- Heat up **10.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **78C**
- Sparge using **9.3 liter(s)** of **76C** water or to achieve **16.3 liter(s)** of wort

### Fermentables

| Type  | Name                | Amount          | Yield | EBC |
|-------|---------------------|-----------------|-------|-----|
| Grain | Viking Pilsner malt | 1.75 kg (50%)   | 82 %  | 4   |
| Grain | Płatki owsiane      | 0.85 kg (24.3%) | 85 %  | 3   |
| Grain | Płatki pszeniczne   | 0.9 kg (25.7%)  | 85 %  | 3   |

### Hops

| Use for   | Name   | Amount | Time     | Alpha acid |
|-----------|--------|--------|----------|------------|
| Boil      | Mosaic | 10 g   | 5 min    | 10 %       |
| Whirlpool | Mosaic | 35 g   | 1 min    | 10 %       |
| Whirlpool | Galaxy | 35 g   | 1 min    | 15 %       |
| Dry Hop   | Mosaic | 35 g   | 2 day(s) | 10 %       |
| Dry Hop   | Galaxy | 35 g   | 2 day(s) | 15 %       |

### Yeasts

| Name                    | Type | Form   | Amount | Laboratory  |
|-------------------------|------|--------|--------|-------------|
| Wyeast - London Ale III | Ale  | Liquid | 125 ml | Wyeast Labs |

### Extras

| Type        | Name        | Amount | Use for | Time |
|-------------|-------------|--------|---------|------|
| Water Agent | lactic acid | 5 g    | Mash    | ---  |

|             |       |     |      |     |
|-------------|-------|-----|------|-----|
| Water Agent | MgSO4 | 2 g | Mash | --- |
| Water Agent | CaCl2 | 4 g | Mash | --- |