

NEIPA

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **20**
- SRM **4**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **77 C**, Time **1 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **1 min** at **77C**
- Sparge using **17 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|--------------|-------|-----|
| Grain | Strzegom Pale Ale | 2 kg (33.3%) | 79 % | 6 |
| Grain | Strzegom Pilzneński | 3 kg (50%) | 80 % | 4 |
| Grain | Płatki owsiane | 1 kg (16.7%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|-----------------------|--------|----------|------------|
| Boil | Amarillo | 15 g | 60 min | 8.8 % |
| Boil | Amarillo | 25 g | 10 min | 8.8 % |
| Whirlpool | Amarillo | 25 g | 0 min | 8.8 % |
| Whirlpool | Centennial | 15 g | 0 min | 9.4 % |
| Whirlpool | Citra | 50 g | 0 min | 13.5 % |
| Dry Hop | Citra - burzliwa | 20 g | 3 day(s) | 13.5 % |
| Dry Hop | Centennial - burzliwa | 20 g | 3 day(s) | 9.4 % |
| Dry Hop | Citra | 30 g | 7 day(s) | 13.5 % |
| Dry Hop | Centennial | 20 g | 4 day(s) | 9.4 % |
| Dry Hop | Amarillo | 20 g | 4 day(s) | 8.8 % |

Yeasts

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|-------------|-------------|-------------|---------------|-------------------|
| fm53 | Ale | Liquid | 1 ml | --- |