

## 41 SESSION NEIPA

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- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **22**
- SRM **3.4**

### Batch size

- Expected quantity of finished beer **15.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19.6 liter(s)**

### Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **17.5 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **14 liter(s)** of strike water to **69.5C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **9.1 liter(s)** of **76C** water or to achieve **19.6 liter(s)** of wort

### Fermentables

| Type  | Name                      | Amount         | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Pilzneński                | 2 kg (57.1%)   | 81 %  | 4   |
| Grain | Simpsons - Golden Promise | 1 kg (28.6%)   | 81 %  | 4   |
| Grain | Płatki pszeniczne         | 0.5 kg (14.3%) | 85 %  | 3   |

### Hops

| Use for   | Name         | Amount | Time     | Alpha acid |
|-----------|--------------|--------|----------|------------|
| Boil      | Apollo       | 13 g   | 10 min   | 17 %       |
| Boil      | Sabro        | 10 g   | 5 min    | 15.1 %     |
| Boil      | Enigma (AUS) | 10 g   | 5 min    | 17.2 %     |
| Whirlpool | Sabro        | 10 g   | 0 min    | 15.1 %     |
| Whirlpool | Enigma (AUS) | 10 g   | 0 min    | 17.2 %     |
| Dry Hop   | Sabro        | 10 g   | 3 day(s) | 15.1 %     |
| Dry Hop   | Enigma (AUS) | 10 g   | 3 day(s) | 17.2 %     |
| Dry Hop   | Citra        | 30 g   | 3 day(s) | 12 %       |
| Dry Hop   | Sabro        | 20 g   | 3 day(s) | 15.1 %     |
| Dry Hop   | Enigma (AUS) | 20 g   | 3 day(s) | 17.2 %     |
| Dry Hop   | Citra        | 70 g   | 3 day(s) | 12 %       |