

NEIPA

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **39**
- SRM **5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **11 %**
- Size with trub loss **15.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **20.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4.47 liter(s) / kg**
- Mash size **20.6 liter(s)**
- Total mash volume **25.2 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **20.6 liter(s)** of strike water to **74.5C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **15 min** at **72C**
- Sparge using **4.5 liter(s)** of **76C** water or to achieve **20.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------------|----------------|--------|-----|
| Grain | Simpsons - Golden Promise | 1.1 kg (23.9%) | 81 % | 4 |
| Grain | Mep@ Pils | 2.4 kg (52.2%) | 82 % | 4 |
| Grain | Simpsons - Golden Naked Oats | 0.4 kg (8.7%) | 73 % | 20 |
| Grain | Płatki pszeniczne | 0.5 kg (10.9%) | 85 % | 3 |
| Grain | Simpsons - Dextrin | 0.1 kg (2.2%) | 67.5 % | 2 |
| Grain | CrispMalting Wheat toasted | 0.1 kg (2.2%) | 82 % | 29 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|---------|--------|----------|------------|
| Whirlpool | Citra | 40 g | 20 min | 13.1 % |
| Whirlpool | Mosaic | 25 g | 20 min | 12.6 % |
| Whirlpool | Trident | 13 g | 20 min | 11.6 % |
| Dry Hop | Citra | 85 g | 3 day(s) | 13.1 % |
| Dry Hop | Mosaic | 50 g | 3 day(s) | 12.6 % |
| Dry Hop | Trident | 37 g | 3 day(s) | 11.6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------|------|-------|--------|------------|
| WLP067 | Ale | Slant | 100 ml | White Labs |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|--------|--------|---------|--------|
| Water Agent | Gips | 0.8 g | Mash | 80 min |
| Water Agent | Ca Cl2 | 4 g | Mash | 80 min |

Notes

- 5l RO + 25l kran
Ca 133,7
Mg 12,9
Na 87,5
Cl 202,1
SO4 63,7
rez.alk 102,5
CaCO3 205,4
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