

Nowzelandzka IPA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **53**
- SRM **4.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **7 %**
- Size with trub loss **20 liter(s)**
- Boil time **65 min**
- Evaporation rate **5 %/h**
- Boil size **23 liter(s)**

Mash information

- Mash efficiency **79 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **21.6 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **16.8 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **11 liter(s)** of **76C** water or to achieve **23 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 4.5 kg (93.8%) | 85 % | 7 |
| Grain | Weyermann - Carapils | 0.3 kg (6.3%) | 79 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|--------------|--------|----------|------------|
| Boil | Dr Rudi | 30 g | 60 min | 11.8 % |
| Boil | Sticklebract | 10 g | 10 min | 12 % |
| Boil | Dr Rudi | 20 g | 10 min | 11.8 % |
| Whirlpool | Pacific Gem | 10 g | 0 min | 15.3 % |
| Whirlpool | Dr Rudi | 10 g | 0 min | 11.8 % |
| Dry Hop | Sticklebract | 20 g | 5 day(s) | 12 % |
| Dry Hop | Pacific Gem | 20 g | 5 day(s) | 15.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |