

#29 NZIPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **46**
- SRM **6.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21.9 liter(s)**
- Total mash volume **28.1 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **21.9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **16.1 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 5.125 kg (82%) | 80 % | 5 |
| Grain | Crystal Castle Malting | 0.25 kg (4%) | 80 % | 150 |
| Grain | Chateau wheat blanc | 0.375 kg (6%) | 80 % | 5.5 |
| Grain | Platki owsiane | 0.5 kg (8%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------------|--------|----------|------------|
| Boil | Dr Rudi | 30 g | 60 min | 9.4 % |
| Boil | Nelson Sauvín | 25 g | 30 min | 11.3 % |
| Boil | Nelson Sauvín | 15 g | 10 min | 11.3 % |
| Aroma (end of boil) | Nelson Sauvín | 25 g | 0 min | 11.3 % |
| Dry Hop | Nelson Sauvín | 60 g | 3 day(s) | 11.3 % |
| Dry Hop | Rakau (NZ) | 20 g | 3 day(s) | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| us-05 | Ale | Dry | 11.5 g | 11,5 |

Extras

| Type | Name | Amount | Use for | Time |
|-------|--------------|--------|----------|-----------|
| Other | SpringArom | 5 g | Primary | 14 day(s) |
| Other | łuska ryżowa | 300 g | Mash | 30 min |
| Other | witamina C | 5 g | Bottling | --- |