

NZ IPA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **59**
- SRM **4.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.03 liter(s) / kg**
- Mash size **14.5 liter(s)**
- Total mash volume **19.3 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **14.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **1 min** at **76C**
- Sparge using **14.4 liter(s)** of **76C** water or to achieve **24.1 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%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------------|--------|----------|------------|
| Boil | Southern Cross | 30 g | 60 min | 14 % |
| Aroma (end of boil) | Motueka | 10 g | 10 min | 7 % |
| Aroma (end of boil) | Nelson Sauvín | 20 g | 10 min | 11 % |
| Whirlpool | Motueka | 20 g | 0 min | 7 % |
| Whirlpool | Nelson Sauvín | 10 g | 0 min | 11 % |
| Dry Hop | Nectarón | 90 g | 5 day(s) | 10.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 23 g | Fermentis |