

# nowa IPA new zeland

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- Gravity **15 BLG**
- ABV ---
- IBU **61**
- SRM **4.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **62 C**, Time **90 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **15 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **90 min** at **62C**
- Keep mash **30 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **15.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

| Type  | Name                  | Amount       | Yield  | EBC |
|-------|-----------------------|--------------|--------|-----|
| Grain | Briess - Pilsen Malt  | 4 kg (66.7%) | 80.5 % | 2   |
| Grain | Pale Malt (2 Row) Bel | 2 kg (33.3%) | 80 %   | 6   |

## Hops

| Use for             | Name          | Amount | Time   | Alpha acid |
|---------------------|---------------|--------|--------|------------|
| Boil                | Enigma (AUS)  | 10 g   | 30 min | 17.2 %     |
| Boil                | Green Bullet  | 10 g   | 30 min | 11 %       |
| Boil                | Pacifica (NZ) | 10 g   | 30 min | 4.8 %      |
| Aroma (end of boil) | Enigma (AUS)  | 30 g   | 10 min | 17.2 %     |
| Aroma (end of boil) | Green Bullet  | 30 g   | 10 min | 11 %       |
| Aroma (end of boil) | Pacifica (NZ) | 30 g   | 10 min | 4.8 %      |

## Yeasts

| Name                     | Type | Form  | Amount | Laboratory |
|--------------------------|------|-------|--------|------------|
| Gozdawa Pure Ale Yeast 7 | Ale  | Slant | 150 ml | ---        |