

# Nowozelandzka IPA BA

- Gravity **14.1 BLG**
- ABV ---
- IBU **61**
- SRM **5.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **65 min**
- Evaporation rate **15 %/h**
- Boil size **25.6 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**

## Mash step by step

- Heat up **14.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **16 liter(s)** of **76C** water or to achieve **25.6 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield | EBC |
|-------|---------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 4.5 kg (93.8%) | 85 %  | 7   |
| Grain | Briess - Carapils Malt    | 0.3 kg (6.3%)  | 74 %  | 3   |

## Hops

| Use for             | Name        | Amount | Time     | Alpha acid |
|---------------------|-------------|--------|----------|------------|
| Boil                | Waimea      | 25 g   | 60 min   | 17.3 %     |
| Aroma (end of boil) | sticklebrat | 30 g   | 10 min   | 12.4 %     |
| Whirlpool           | Waimea      | 25 g   | 0 min    | 17.3 %     |
| Whirlpool           | Motueka     | 20 g   | 0 min    | 7.2 %      |
| Dry Hop             | Waimea      | 50 g   | 5 day(s) | 17.3 %     |
| Dry Hop             | Motueka     | 10 g   | 5 day(s) | 7.2 %      |

## Yeasts

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

## Extras

| Type   | Name     | Amount | Use for   | Time     |
|--------|----------|--------|-----------|----------|
| Fining | Żelatyna | 5 g    | Secondary | 3 day(s) |

|       |         |       |          |     |
|-------|---------|-------|----------|-----|
| Other | Glukoza | 130 g | Bottling | --- |
|-------|---------|-------|----------|-----|