

# Nowozelandzkie IPA

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **36**
- SRM **4.9**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **65 min**
- Evaporation rate **5 %/h**
- Boil size **23.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- 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**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **14.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **1 min** at **76C**
- Sparge using **13.6 liter(s)** of **76C** water or to achieve **23.2 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    | Pacific Gem | 15 g   | 60 min   | 15.3 %     |
| Boil    | Wakatu      | 30 g   | 10 min   | 7 %        |
| Boil    | Pacific Gem | 15 g   | 1 min    | 15.3 %     |
| Boil    | Motueka     | 20 g   | 1 min    | 7 %        |
| Dry Hop | Pacific Gem | 30 g   | 5 day(s) | 15.3 %     |
| Dry Hop | Motueka     | 10 g   | 5 day(s) | 7 %        |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11 g   | Fermentis  |

## Extras

| Type   | Name    | Amount | Use for | Time  |
|--------|---------|--------|---------|-------|
| Fining | Briesol | 10 g   | Boil    | 5 min |

### Notes

- Ferm. burz. 7 dni w temp. 19-21 C.  
Ferm. cicha 14 dni w temp. 19-21 C.  
Refermentacja 14 w temp. 19-21 C.  
Leżakowanie 7-14 dni w temp. < 15 C.  
*Feb 13, 2019, 11:21 PM*