

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.
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