## NZ pils

- Gravity 13.8 BLG
- ABV 5.7 %
- IBU **34**
- SRM **4.2**
- Style Classic American Pilsner

### **Batch size**

- Expected quantity of finished beer 20 liter(s)
- Trub loss 5 %
- Size with trub loss 21 liter(s)
- · Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 25.3 liter(s)

### **Mash information**

- Mash efficiency 75 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 16.5 liter(s)
- Total mash volume 22 liter(s)

### **Steps**

- Temp 65 C, Time 60 min Temp 72 C, Time 25 min
- Temp 78 C, Time 5 min

## Mash step by step

- Heat up 16.5 liter(s) of strike water to 72.5C
- Add grains
- Keep mash 60 min at 65C
- Keep mash 25 min at 72C
- Keep mash 5 min at 78C
- Sparge using 14.3 liter(s) of 76C water or to achieve 25.3 liter(s) of wort

## **Fermentables**

Туре	Name	Amount	Yield	EBC
Grain	BESTMALZ - Best Heidelberg	5 kg <i>(90.9%)</i>	80.5 %	3
Grain	Cara Blonde - Castle Malting	0.5 kg <i>(9.1%)</i>	78 %	20

# Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Nelson Sauvin	30 g	60 min	8.9 %
Dry Hop	Nelson Sauvin	30 g	3 day(s)	8.9 %
Dry Hop	Nectaron	50 g	3 day(s)	13 %
Whirlpool	Motueka	50 g	10 min	6 %

#### **Yeasts**

Name	Туре	Form	Amount	Laboratory
WLP833 - German Bock Lager Yeast	Lager	Slant	200 ml	White Labs

#### **Notes**

Carabody zamiast cara blonde BLG początkowe 14.5

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