

Niziołek

- Gravity **5.6 BLG**
- ABV **2.1 %**
- IBU **19**
- SRM **1.9**
- Style **Mild**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **31.2 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6.3 liter(s)**
- Total mash volume **8.4 liter(s)**

Steps

- Temp **70 C**, Time **60 min**

Mash step by step

- Heat up **6.3 liter(s)** of strike water to **78.3C**
- Add grains
- Keep mash **60 min** at **70C**
- Sparge using **27 liter(s)** of **76C** water or to achieve **31.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	2.1 kg (100%)	81 %	4
Gęstość przed fermentacją około 8 BLG				

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	8.7 %
Boil	Puławski	25 g	10 min	6.9 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wozem Jestem FM56	Ale	Liquid	800 ml	Fermentum Mobile