

Gose

- Gravity **14 BLG**
- ABV ---
- IBU **16**
- SRM **4**
- Style **Gueuze**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

Steps

- Temp **66 C**, Time **45 min**
- Temp **66 C**, Time **60 min**
- Temp **72 C**, Time **60 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **14.7 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **45 min** at **66C**
- Keep mash **60 min** at **72C**
- Keep mash **15 min** at **78C**
- Sparge using **16.3 liter(s)** of **76C** water or to achieve **26.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.1 kg (38.9%)	81 %	4
Grain	Pszeniczny	2 kg (37%)	85 %	4
Grain	Acid Malt	0.8 kg (14.8%)	58.7 %	6
Adjunct	Płatki owsiane	0.5 kg (9.3%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	15 g	60 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew S-33	Ale	Dry	11 g	Safbrew

Extras

Type	Name	Amount	Use for	Time
Spice	kolendra	25 g	Boil	3 min

Flavor	sól niejodowana	20 g	Boil	3 min
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