

# Mleczne Gose

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **11**
- SRM **3.5**

## 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 **12 liter(s)**
- Total mash volume **16 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **12 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **0 min** at **76C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2 kg (48.2%)	80 %	4
Grain	Strzegom Pszeniczny	2 kg (48.2%)	81 %	6
Sugar	Milk Sugar (Lactose)	0.15 kg (3.6%)	76.1 %	0

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	7.7 %
Boil	Marynka	5 g	10 min	7.7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew S-33	Ale	Dry	11.5 g	Safbrew

## Extras

Type	Name	Amount	Use for	Time
Spice	Kolendra	20 g	Boil	15 min
Other	Lactobacilus	0 g	Primary	---
Spice	Sól niejodowana	15 g	Boil	15 min