

# My lager

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **30**
- SRM **4.2**
- Style **Premium American Lager**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **79 C**, Time **10 min**

## Mash step by step

- Heat up **17.5 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **79C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód Pilsneński Viking	4 kg (80%)	80 %	4
Grain	Słód monahijski Viking	1 kg (20%)	78 %	15

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla własny - szyszki	50 g	60 min	5 %
Aroma (end of boil)	Marynka	20 g	10 min	6.7 %

## Yeasts

Name	Type	Form	Amount	Laboratory
German lager Gozdawa W35	Lager	Dry	10 g	---

## Extras

Type	Name	Amount	Use for	Time
Water Agent	Gips	2 g	Boil	60 min