

# Lapa

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **16**
- SRM **2.2**
- Style **Spice, Herb, or Vegetable Beer**

## Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **6 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **17.5 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **75 C**, Time **15 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **68.8C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **15 min** at **75C**
- Sparge using **6.5 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1.5 kg (50%)	80 %	5
Grain	Pszeniczny	1 kg (33.3%)	--- %	---
Adjunct	Płatki pszeniczne	0.5 kg (16.7%)	--- %	---

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	30 min	13.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	9 g	Safale

## Extras

Type	Name	Amount	Use for	Time
Herb	kwiat lipy	20 g	Boil	15 min
Herb	kwiat lipy	100 g	Boil	2 min