

# Piwo z sokiem jabłkowym

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **18**
- SRM **4.5**

## Batch size

- Expected quantity of finished beer **60 liter(s)**
- Trub loss **5 %**
- Size with trub loss **63 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **75.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **54 liter(s)**
- Total mash volume **72 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **54 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **0 min** at **78C**
- Sparge using **39.9 liter(s)** of **76C** water or to achieve **75.9 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	12 kg (66.7%)	80 %	5
Grain	Pszeniczny	6 kg (33.3%)	85 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	60 g	30 min	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Mauribrew Ale Y514	Ale	Dry	60 g	Mauribrew