

# Jalowcowe

- Gravity **10.7 BLG**
- ABV **4.3 %**
- IBU **31**
- SRM **3.5**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Sparge using **17.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Plizneński	5 kg (100%)	75 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marylka	15 g	50 min	7.8 %
Boil	Zeus	10 g	50 min	15.4 %
Boil	Lublin (Lubelski)	20 g	10 min	4.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	10 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Spice	jalowiec (owoce tŁuczzone)	250 g	Boil	60 min
Spice	jalowiec (owoce tŁuczzone)	250 g	Boil	10 min