

# Pierwsze piwo sezonu 20/21

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- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **66**
- SRM **4**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33.2 liter(s)**

## Mash information

- Mash efficiency **76 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **25 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **25 liter(s)** of strike water to **71.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **13.2 liter(s)** of **76C** water or to achieve **33.2 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	5 kg (92.6%)	81 %	6
Adjunct	Briess - Oat Flakes	0.4 kg (7.4%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Pacific Jade	65 g	40 min	13 %
Dry Hop	Citra	100 g	4 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis

## Notes

- Warzone 28.08. warka nr 57. Wyszło 24l - 11 blg. Przelane na cichą 15.09 przy 2 Blg. Zabutelkowane 02.10. Wyszły równe 2 skrzynki.  
*Aug 28, 2020, 10:03 AM*