

# Raspberry Saison

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **28**
- SRM **3.7**
- Style **Saison**

## Batch size

- Expected quantity of finished beer **20.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.2 liter(s)**

## Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **63 C**, Time **45 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **45 min** at **63C**
- Sparge using **18.2 liter(s)** of **76C** water or to achieve **28.2 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.5 kg (70%)	81 %	4
Grain	Pszeniczny	1 kg (20%)	85 %	4
Grain	Strzegom Wiedeński	0.5 kg (10%)	79 %	10

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	30 g	10 min	13 %
Boil	Cascade PL	30 g	15 min	7.5 %
Boil	Cascade PL	20 g	5 min	5.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM21 Odkrycie sezonu	Ale	Liquid	1 ml	Fermentum Mobile

## Extras

Type	Name	Amount	Use for	Time
Flavor	Mrożone Maliny	3000 g	Secondary	7 day(s)