

# Saison z homebrewing.pl

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- Gravity **13.8 BLG**
- ABV ---
- IBU **39**
- SRM **14.1**
- Style **Saison**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **65 min**
- Evaporation rate **15 %/h**
- Boil size **26.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

## Steps

- Temp **65 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **14.1 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **50 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **26.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	2.7 kg (54%)	81 %	5
Grain	Weyermann - Vienna Malt	0.8 kg (16%)	81 %	8
Grain	Weyermann - Pale Wheat Malt	0.7 kg (14%)	85 %	5
Grain	Carahell	0.2 kg (4%)	77 %	26
Grain	Caraaroma	0.2 kg (4%)	78 %	400
Grain	Weyermann - Acidulated Malt	0.1 kg (2%)	80 %	6
Sugar	glukoza	0.3 kg (6%)	--- %	---

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	65 min	9.5 %
Boil	Saaz (Czech Republic)	20 g	20 min	3.1 %
Boil	Saaz (Czech Republic)	10 g	5 min	3.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM21 Odkrycie sezonu	Ale	Liquid	200 ml	Fermentum Mobile

## Extras

Type	Name	Amount	Use for	Time
Flavor	curacao	20 g	Boil	20 min