

## W5- Saison

- Gravity **13.1 BLG**
- ABV ---
- IBU **44**
- 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 **10 %/h**
- Boil size **25.5 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **19.7 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **0 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **70.9C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **15.2 liter(s)** of **76C** water or to achieve **25.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	2.7 kg (57.4%)	81 %	5
Grain	Weyermann - Vienna Malt	0.8 kg (17%)	81 %	8
Grain	Weyermann - Pale Wheat Malt	0.7 kg (14.9%)	85 %	5
Grain	Carahell	0.2 kg (4.3%)	77 %	26
Grain	Caraaroma	0.2 kg (4.3%)	78 %	400
Grain	Weyermann - Acidulated Malt	0.1 kg (2.1%)	80 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	65 min	10 %
Boil	Saaz (Czech Republic)	20 g	20 min	4.5 %
Boil	Saaz (Czech Republic)	10 g	5 min	4.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
fermentis Safbrew™ BE-256	Ale	Dry	11.5 g	fermentis

### Extras

Type	Name	Amount	Use for	Time
Other	glukoza	300 g	Boil	5 min
Spice	curacao	20 g	Boil	20 min