

## #14 Saison

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **29**
- SRM **7.7**
- Style **Saison**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **19.3 liter(s)**
- Total mash volume **24.8 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **77 C**, Time **5 min**

### Mash step by step

- Heat up **19.3 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **5 min** at **77C**
- Sparge using **13 liter(s)** of **76C** water or to achieve **26.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3.3 kg (60%)	80 %	4
Grain	Strzegom Wiedeński	1 kg (18.2%)	79 %	10
Grain	Strzegom Monachijski typ II	1 kg (18.2%)	79 %	22
Grain	Strzegom Karmel 150	0.2 kg (3.6%)	75 %	150

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	60 min	10 %
Boil	Marynka	15 g	40 min	10 %
Boil	Lublin (Lubelski)	25 g	10 min	4 %
Dry Hop	Citra	25 g	3 day(s)	12 %
Dry Hop	Mosaic	25 g	3 day(s)	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale T-58	Ale	Dry	10 g	Fermentis