

Saison

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **30**
- SRM **7.3**
- Style **Saison**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Steps

- Temp **67 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **19.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **45 min** at **67C**
- Keep mash **15 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **26.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	3.5 kg (53.8%)	82 %	4
Grain	Viking Munich Malt	3 kg (46.2%)	78 %	18

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla	40 g	60 min	6.9 %
Boil	Lublin (Lubelski)	20 g	10 min	5.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale BE-134	Ale	Slant	50 ml	Fermentis