

## 75. Saison

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **15**
- SRM **3.8**
- Style **Saison**

### Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **8.1 liter(s)**
- Total mash volume **10.8 liter(s)**

### Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **2 min**

### Mash step by step

- Heat up **8.1 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **2 min** at **76C**
- Sparge using **10.4 liter(s)** of **76C** water or to achieve **15.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.6 kg (89.7%)	80 %	5
Adjunct	Pszenica niesłodowana	0.2 kg (6.9%)	75 %	3
Grain	Płatki owsiane	0.1 kg (3.4%)	85 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Blanc	10 g	30 min	11 %

### Yeasts

Name	Type	Form	Amount	Laboratory
WLP590 French Saison	Ale	Slant	140 ml	WLP

### Notes

- 09.11 - warzenie
- 10.11- 18 stopni zadane drozdz
- 11.11- 18-20 stopni
- 12.11- 22 -> dogrzewanie
- 13.11- 24
- 14.11 - 26 z rana, w nocy było na pewno więcej.

05.12 - zabutelkowane 2 wersje  
75 - bazowa, 4.5g/l ok 6l.  
75M - z kwiatami - 4.5g/l  
*Nov 13, 2018, 7:54 AM*