

## Saison HB 15 BLG

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- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **39**
- SRM **9.8**
- 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 **80 %**
- 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 **78 C**, Time **1 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 **1 min** at **78C**
- Sparge using **16.1 liter(s)** of **76C** water or to achieve **25.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód Pilsner® 2,5-4,5 EBC Weyermann	2.7 kg (54%)	80 %	4
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%)	76.1 %	0

### 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
Danstar - Belle Saison	Ale	Dry	11 g	Danstar

## Extras

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