

hefe weizen

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **10**
- SRM **4.1**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **12.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.2 liter(s)**
- Total mash volume **9.6 liter(s)**

Steps

- Temp **53 C**, Time **15 min**
- Temp **63 C**, Time **35 min**
- Temp **73 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **7.2 liter(s)** of strike water to **58.5C**
- Add grains
- Keep mash **15 min** at **53C**
- Keep mash **35 min** at **63C**
- Keep mash **20 min** at **73C**
- Keep mash **5 min** at **78C**
- Sparge using **8 liter(s)** of **76C** water or to achieve **12.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	0.75 kg (31.3%)	80 %	4
Grain	Strzegom Pszeniczny	1.5 kg (62.5%)	80 %	6
Grain	Płatki owsiane	0.15 kg (6.3%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	6 g	25 min	10 %
Boil	Lublin (Lubelski)	5 g	5 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	30 ml	Fermentum Mobile

Notes

- starter drożdżowy
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