

Hefe-Weizen z owocami

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **14**
- SRM **3.9**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **20.7 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **52 C**, Time **5 min**
- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **12 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **5 min** at **52C**
- Keep mash **40 min** at **63C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **12.7 liter(s)** of **76C** water or to achieve **20.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wheat Malt	2 kg (50%)	83 %	5
Grain	Viking Pilsner malt	2 kg (50%)	82 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	10 g	60 min	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
fm 41	Wheat	Liquid	500 ml	---

Extras

Type	Name	Amount	Use for	Time
Flavor	wiśnie	900 g	Secondary	7 day(s)
Flavor	maliny	400 g	Secondary	7 day(s)

Notes

- piwo dostało się do finału XI Poznańskiego KPD 2019

start 22->18

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