

Hefeweizen bitewny

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **13**
- SRM **3.6**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **37 liter(s)**
- Trub loss **5 %**
- Size with trub loss **38.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **46.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27 liter(s)**
- Total mash volume **36 liter(s)**

Steps

- Temp **44 C**, Time **30 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **27 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **30 min** at **44C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **28.8 liter(s)** of **76C** water or to achieve **46.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilznieński	4.5 kg (50%)	81 %	4
Grain	Pszeniczny	4.5 kg (50%)	80 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	18 g	60 min	12 %

Notes

- Zacierany dekokcyjnie :) 1/3 zacieru podgrzana z 64 stopni do 100 stopni i trzymana w nich 30 minut.
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