

Hefe

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **21**
- SRM **3.3**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **28.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **36.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **30 min** at **63C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **24.1 liter(s)** of **76C** water or to achieve **36.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (50%)	80 %	4
Grain	Pszeniczny	3 kg (50%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Iunga	15 g	60 min	11 %
Boil	Saaz (Czech Republic)	40 g	15 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - Bavarian Wheat	Ale	Liquid	2000 ml	Wyeast Labs

Notes

- Wyeast 3638 starter 2l
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