

# HOPPY WEIZEN

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **28**
- SRM **4.4**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **25.2 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **18.9 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **76C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **28.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (47.6%)	80 %	4
Grain	Strzegom Pszeniczny	3 kg (47.6%)	81 %	5
Grain	Simpsons - Owsiany	0.3 kg (4.8%)	74 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Sabro (USA)	20 g	20 min	13.3 %
85°C				
Whirlpool	Strata (USA)	20 g	20 min	15.3 %
Whirlpool	Talus (USA)	20 g	20 min	7.4 %
Whirlpool	Citra (USA)	20 g	20 min	12.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Slant	150 ml	Fermentum Mobile

## Extras

Type	Name	Amount	Use for	Time
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Other	łuska ryżowa	200 g	Mash	5 min
Flavor	skórka suszona pomaranczy	30 g	Boil	10 min
Water Agent	witamina C	3 g	Bottling	---

## Notes

- Woda RO modyfikowana do wartości w PPM  
Ca-50  
Mg-8  
Na-10  
Cl-65  
S04-65  
HCO3-25  
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