

# Rauchweizen

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **12**
- SRM **3.8**
- 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 **60 min**
- Evaporation rate **20 %/h**
- Boil size **13.2 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **8.4 liter(s)**
- Total mash volume **10.8 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **8.4 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **60 min** at **66C**
- Keep mash **1 min** at **78C**
- Sparge using **7.2 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszoniczny	1.2 kg (50%)	85 %	4
Grain	Słód Wędzony Steinbach	0.6 kg (25%)	80 %	5
Grain	Strzegom Pilzneński	0.6 kg (25%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Spalt Select	10 g	60 min	5.3 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Slant	70 ml	Fermentum Mobile