

# Hefe-weizen z PK

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **11**
- SRM **3.9**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **29.9 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

## Steps

- Temp **45 C**, Time **15 min**
- Temp **55 C**, Time **15 min**
- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **40 min**
- Temp **75 C**, Time **0 min**

## Mash step by step

- Heat up **14.7 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **15 min** at **55C**
- Keep mash **40 min** at **62C**
- Keep mash **40 min** at **72C**
- Keep mash **0 min** at **75C**
- Sparge using **20.1 liter(s)** of **76C** water or to achieve **29.9 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.5 kg (51%)	85 %	4
Grain	Pilzneński	1.7 kg (34.7%)	81 %	4
Grain	Carabelge	0.2 kg (4.1%)	80 %	30
Grain	Weyermann - Pale Ale Malt	0.5 kg (10.2%)	85 %	7

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	10 g	70 min	10 %
Boil	Hallertau	15 g	5 min	4.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	10.5 g	Safbrew