

# Pradawne Pszeniczne

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **10**
- SRM **4.1**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **26.5 liter(s)**
- Trub loss **1 %**
- Size with trub loss **27 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **27.6 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.8 liter(s)**

## Steps

- Temp **45 C**, Time **15 min**
- Temp **52 C**, Time **10 min**
- Temp **67 C**, Time **60 min**
- Temp **77 C**, Time **5 min**

## Mash step by step

- Heat up **17.1 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **15 min** at **45C**
- Keep mash **10 min** at **52C**
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **77C**
- Sparge using **16.2 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pszeniczny	3.5 kg (61.4%)	81 %	6
Grain	Strzegom Pilzneński	2 kg (35.1%)	80 %	4
Grain	Płatki pszeniczne	0.2 kg (3.5%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau	22 g	45 min	4.5 %
Boil	Hallertau	8 g	15 min	4.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Mauribrew Weiss Y1433	Wheat	Dry	12.5 g	Mauribrew