

# Kwaśniewski

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- Gravity **8 BLG**
- ABV **3.1 %**
- IBU ---
- SRM **3.3**
- Style **Berliner Weisse**

## Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.7 liter(s)**
- Boil time **15 min**
- Evaporation rate **15 %/h**
- Boil size **15.5 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **6.9 liter(s)**
- Total mash volume **9.2 liter(s)**

## Steps

- Temp **63 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **6.9 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **60 min** at **63C**
- Keep mash **0 min** at **76C**
- Sparge using **10.9 liter(s)** of **76C** water or to achieve **15.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	GlobalMalt Pale Ale/Pils	1.15 kg (50%)	82 %	5
Grain	GlobalMalt Pszeniczny	1.15 kg (50%)	84 %	5

## Yeasts

Name	Type	Form	Amount	Laboratory
Lactobacillus	Ale	Dry	3.88 g	Sanprobi IBS
8 kapsulek, na dwa dni, 36°C na dzień dobry i pozostawienie tej temperatury				
FM42 Stare Nadreńskie	Ale	Slant	100 ml	Fermentum Mobile