

# Oszukany weizen

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- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU **15**
- SRM **5.3**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.2 liter(s)**
- Total mash volume **22.9 liter(s)**

## Steps

- Temp **45 C**, Time **20 min**
- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **17.2 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **20 min** at **45C**
- Keep mash **60 min** at **67C**
- Keep mash **1 min** at **76C**
- Sparge using **13.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszenica niesłodowana	3.1 kg (54.1%)	60 %	3
Grain	Viking Pale Ale malt	1.23 kg (21.5%)	80 %	5
Grain	Monachijski	1.4 kg (24.4%)	80 %	16

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Oktawia	24 g	60 min	6 %