

# Warszawski konkurs piw domowych 2020ddh

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- Gravity **18.7 BLG**
- ABV **8.1 %**
- IBU **20**
- SRM **6**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **22.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	5.5 kg (73.3%)	80 %	7
Grain	Płatki pszeniczne	1 kg (13.3%)	85 %	3
Grain	Płatki owsiane	1 kg (13.3%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Citra	50 g	30 min	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
wlp 067	Ale	Slant	100 ml	Fermentum Mobile