

# WIPA

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- Gravity **16 BLG**
- ABV ---
- IBU **58**
- SRM **5.3**
- Style **White IPA**

## 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 **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **74 C**, Time **10 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **74C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3.5 kg (63.6%)	80 %	4
Grain	Strzegom pszeniczny	2 kg (36.4%)	81 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Centennial	30 g	30 min	10.5 %
Boil	Chinook	30 g	30 min	13 %

## Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	10 g	---