

# Wheat IPA

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **36**
- SRM **4.7**
- Style **White IPA**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **16.1 liter(s)** of **76C** water or to achieve **29.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (46.2%)	80 %	5
Grain	Pszeniczny	2 kg (30.8%)	85 %	4
Grain	Monachijski	0.5 kg (7.7%)	80 %	16
Grain	Płatki pszeniczne	0.5 kg (7.7%)	85 %	3
Grain	Płatki owsiane	0.5 kg (7.7%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Perle	40 g	60 min	7 %
Boil	Perle	30 g	15 min	8 %
Whirlpool	Mosaic	25 g	0 min	12 %
Dry Hop	Perle	30 g	3 day(s)	8.8 %
Dry Hop	Mosaic	25 g	3 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Flavor	Suszona słodka pomarańcza	20 g	Boil	10 min
Flavor	Suszony grejfrut	20 g	Boil	10 min
Spice	Kolendra	15 g	Boil	10 min

## Notes

- Fermentujemy około 7-10 dni temperaturze 17-20°C. Następnie chmielimy na zimno przez 3 dni i butelkujemy.

*Aug 21, 2019, 12:34 PM*