

# Belgian IPA 08.2022

- Gravity **17.5 BLG**
- ABV **7.5 %**
- IBU **64**
- SRM **6.5**
- Style **Belgian IPA**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.8 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**

## Mash step by step

- Heat up **17.1 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **12.4 liter(s)** of **76C** water or to achieve **23.8 liter(s)** of wort

## Fermentables

| Type  | Name               | Amount         | Yield  | EBC |
|-------|--------------------|----------------|--------|-----|
| Grain | pilzneński         | 4.9 kg (78.4%) | 80.5 % | 4   |
| Grain | Strzegom Wiedeński | 0.5 kg (8%)    | 79 %   | 10  |
| Grain | Caramunich® typ I  | 0.3 kg (4.8%)  | 73 %   | 80  |
| Sugar | cukier             | 0.55 kg (8.8%) | 100 %  | 2   |

## Hops

| Use for   | Name    | Amount | Time     | Alpha acid |
|-----------|---------|--------|----------|------------|
| Whirlpool | citra   | 25 g   | 0 min    | 12.9 %     |
| Whirlpool | simcoe  | 45 g   | 0 min    | 12.9 %     |
| Whirlpool | mosaic  | 20 g   | 0 min    | 12.3 %     |
| Dry Hop   | citra   | 25 g   | 4 day(s) | 12.9 %     |
| Dry Hop   | simcoe  | 45 g   | 4 day(s) | 12.9 %     |
| Dry Hop   | mosaic  | 20 g   | 4 day(s) | 12.3 %     |
| Boil      | Marynka | 75 g   | 60 min   | 8.8 %      |

## Yeasts

| Name                 | Type | Form  | Amount | Laboratory       |
|----------------------|------|-------|--------|------------------|
| FM21 Odkrycie sezonu | Ale  | Slant | 150 ml | Fermentum Mobile |

## Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- Cukier do refermentacji: 3g cukru (prawie cała średnia miarka)  
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