

Belgian IPA

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **43**
- SRM **4.4**
- Style **Belgian IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **16.3 liter(s)**
- Total mash volume **21.4 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **16.3 liter(s)** of strike water to **70.9C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **17.8 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|-------------------------------------|----------------|-------|-----|
| Grain | Słód jęczmienny Best Ale Crisp | 3.7 kg (67.3%) | 82 % | 5 |
| Grain | Słód MONACHIJSKI typ I 16 EBC Crisp | 0.7 kg (12.7%) | 82 % | 16 |
| Grain | Słód PSZENICZNY Viking Malt | 0.7 kg (12.7%) | 82 % | 5 |
| Adjunct | Płatki owsiane | 0.4 kg (7.3%) | 50 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------------|--------|--------|------------|
| Boil | Nelson Sauvín NZ | 10 g | 60 min | 10.7 % |
| Boil | Kohatu NZ | 10 g | 30 min | 6.5 % |
| Aroma (end of boil) | Citra | 20 g | 10 min | 13.4 % |
| Aroma (end of boil) | Sybilla własny - szyszki | 50 g | 10 min | 5 % |
| Boil | Sybilla własny - szyszki | 20 g | 60 min | 5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------|-------------|-------------|---------------|-------------------|
| Belgian trapist | Ale | Slant | 300 ml | --- |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|---------------|----------------|-------------|
| Fining | Mech irlandzki | 1 g | Boil | 15 min |