

# Porter bałtycki wędzony

- Gravity **34.7 BLG**
- ABV **18.2 %**
- IBU **25**
- SRM **58.9**
- Style **Baltic Porter**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **105 min**
- Evaporation rate **10 %/h**
- Boil size **27 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **45.2 liter(s)**
- Total mash volume **60.2 liter(s)**

## Steps

- Temp **61 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **45.2 liter(s)** of strike water to **67.8C**
- Add grains
- Keep mash **30 min** at **61C**
- Keep mash **30 min** at **72C**
- Sparge using **-3.2 liter(s)** of **76C** water or to achieve **27 liter(s)** of wort

## Fermentables

| Type  | Name                             | Amount         | Yield  | EBC  |
|-------|----------------------------------|----------------|--------|------|
| Grain | Strzegom Wiedeński               | 3 kg (19.9%)   | 79 %   | 10   |
| Grain | Monachijski                      | 3.2 kg (21.3%) | 80 %   | 16   |
| Grain | Wędzony bukiem Viking Malt       | 2.5 kg (16.6%) | 82 %   | 10   |
| Grain | BESTMALZ - Best Pilsen           | 3.8 kg (25.2%) | 80.5 % | 4    |
| Grain | pszeniczny                       | 1 kg (6.6%)    | 78 %   | 16   |
| Grain | Fawcett - Pszeniczny Czekoladowy | 0.65 kg (4.3%) | 73 %   | 1001 |
| Grain | Weyermann - Carafa II            | 0.9 kg (6%)    | 70 %   | 837  |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 60 g   | 60 min | 8.8 %      |
| Boil    | Lublin (Lubelski) | 25 g   | 10 min | 4 %        |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                        |       |       |        |                  |
|------------------------|-------|-------|--------|------------------|
| FM30 Bohemska rapsodia | Lager | Slant | 200 ml | Fermentum Mobile |
|------------------------|-------|-------|--------|------------------|