

# Oatmeal Stout

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **28**
- SRM **29.1**
- Style **Oatmeal Stout**

## 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 **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **17.5 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **10 min** at **78C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                         | Amount       | Yield  | EBC  |
|-------|------------------------------|--------------|--------|------|
| Grain | Simpsons - Maris Otter       | 2 kg (40%)   | 81 %   | 6    |
| Grain | BESTMALZ - Best Pilsen       | 1 kg (20%)   | 80.5 % | 4    |
| Grain | Jęczmień palony              | 0.2 kg (4%)  | 55 %   | 985  |
| Grain | Cara Blonde - Castle Malting | 0.7 kg (14%) | 78 %   | 30   |
| Grain | Acidulated BESTMALZ          | 0.25 kg (5%) | 76 %   | 5    |
| Grain | Oats, Flaked                 | 0.5 kg (10%) | 80 %   | 2    |
| Grain | Strzegom Czekoladowy ciemny  | 0.25 kg (5%) | 68 %   | 1200 |
| Grain | Crystal Malt                 | 0.1 kg (2%)  | 72 %   | 160  |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | East Kent Goldings | 50 g   | 60 min | 5.1 %      |

## Yeasts

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

|                              |     |        |       |                  |
|------------------------------|-----|--------|-------|------------------|
| FM13 Irlandzkie<br>Ciemności | Ale | Liquid | 40 ml | Fermentum Mobile |
|------------------------------|-----|--------|-------|------------------|