

OATMEAL STOUT

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **32**
- SRM **37**
- Style **Oatmeal Stout**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.1 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27.3 liter(s)**

Steps

- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **70.7C**
- Add grains
- Keep mash **50 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **31.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|----------------|-------|------|
| Grain | Pilzneński | 2 kg (31.5%) | 81 % | 4 |
| Grain | Monachijski typ II | 2 kg (31.5%) | 80 % | 24 |
| Grain | Owsiany | 1.5 kg (23.6%) | 61 % | 5 |
| Grain | Pszeniczny czekoladowy | 0.5 kg (7.9%) | 74 % | 1000 |
| Grain | Palony jęczmień | 0.35 kg (5.5%) | 55 % | 1150 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|--------|------------|
| Boil | East Kent Goldings | 50 g | 60 min | 5.7 % |
| Boil | East Kent Goldings | 35 g | 10 min | 5.7 % |
| Aroma (end of boil) | East Kent Goldings | 15 g | 0 min | 5.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------------|------|--------|--------|------------------|
| FM13 Irlandzkie Ciemności | Ale | Liquid | 30 ml | Fermentum Mobile |

Extras

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

| Type | Name | Amount | Use for | Time |
|-------------|-----------------|--------|---------|--------|
| Water Agent | Gips piwowarski | 10 g | Mash | 70 min |