

Oatmeal chocolate stout

- Gravity **18.2 BLG**
- ABV ---
- IBU **63**
- SRM **87**
- Style **Oatmeal Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **28.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **20.7 liter(s)**
- Total mash volume **26.6 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **20.7 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **78C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **28.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|----------------------------|----------------|--------|------|
| Grain | Strzegom Pilzneński | 1 kg (14.9%) | 80 % | 4 |
| Grain | Strzegom Pale Ale | 2 kg (29.9%) | 79 % | 6 |
| Grain | Strzegom Czekoladowy 1200 | 0.6 kg (9%) | 68 % | 1202 |
| Grain | Strzegom Karmel 300 | 0.5 kg (7.5%) | 70 % | 299 |
| Grain | Strzegom Barwiący | 0.2 kg (3%) | 68 % | 1300 |
| Adjunct | Oats, Flaked | 0.8 kg (11.9%) | 80 % | 2 |
| Grain | Strzegom Czekoladowy jasny | 0.2 kg (3%) | 68 % | 400 |
| Grain | Jęczmień palony | 0.4 kg (6%) | 55 % | 985 |
| Grain | Rye, Flaked | 0.8 kg (11.9%) | 78.3 % | 4 |
| Grain | Żytni | 0.2 kg (3%) | 85 % | 8 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 30 g | 60 min | 10 % |
| Boil | Marynka | 50 g | 30 min | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 12 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------|--------|-----------|----------|
| Flavor | Wanilia | 10 g | Secondary | 7 day(s) |
| Flavor | Śliwka suszona | 300 g | Primary | 3 day(s) |