

Imperial Oatmeal Stout v.1

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **74**
- SRM **37.5**
- Style **Oatmeal Stout**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24.8 liter(s)**
- Total mash volume **33 liter(s)**

Steps

- Temp **65 C**, Time **90 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **24.8 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **90 min** at **65C**
- Keep mash **10 min** at **78C**
- Sparge using **11.3 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt | 5.5 kg (66.7%) | 80 % | 5 |
| Grain | Płatki owsiane | 1 kg (12.1%) | 85 % | 3 |
| Grain | Caramel/Crystal Malt - 40L | 0.35 kg (4.2%) | 74 % | 79 |
| Grain | Strzegom Czekoladowy jasny | 0.4 kg (4.8%) | 68 % | 400 |
| Grain | Black (Patent) Malt | 0.3 kg (3.6%) | 55 % | 1300 |
| Grain | Jęczmień palony | 0.2 kg (2.4%) | 55 % | 985 |
| Grain | Fawcett - Dark Crystal | 0.2 kg (2.4%) | 71 % | 300 |
| Grain | Biscuit Malt | 0.3 kg (3.6%) | 79 % | 45 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 50 g | 60 min | 16.5 % |
| Boil | Willamette | 50 g | 10 min | 4.6 % |
| Boil | Willamette | 50 g | 1 min | 4.6 % |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|--------|-------------------------------------|------|-----------|----------|
| Flavor | Cynamon macerowany w alkoholu | 25 g | Secondary | 7 day(s) |
|--------|-------------------------------------|------|-----------|----------|