

Stout owsiany

- Gravity **12.9 BLG**
- ABV ---
- IBU **25**
- SRM **35**
- Style **Sweet Stout**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.3 liter(s)**
- Total mash volume **13.3 liter(s)**

Steps

- Temp **68 C**, Time **55 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **10.3 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **55 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **5.9 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 1.8 kg (61%) | 80 % | 5 |
| Grain | Strzegom Karmel 300 | 0.2 kg (6.8%) | 70 % | 299 |
| Grain | Strzegom Karmel 600 | 0.1 kg (3.4%) | 68 % | 601 |
| Grain | Płatki owsiane | 0.6 kg (20.3%) | 60 % | 3 |
| Grain | Jęczmień palony | 0.25 kg (8.5%) | 55 % | 985 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | lunga | 8 g | 60 min | 11 % |
| Boil | Sybilla | 10 g | 40 min | 3.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 100 ml | Fermentis |