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

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