Gravedigger

- Gravity **24 BLG**
- ABV **11 %**
- IBU **106**
- SRM **41.4**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **19.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.3 liter(s)**
- Total mash volume **29.7 liter(s)**

Steps

- Temp **68 C**, Time **90 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **22.3 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **4.8 liter(s)** of **76C** water or to achieve **19.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	4.17 kg *(56.2%)*	79 %	6
Grain	Strzegom Monachijski typ II	2.5 kg *(33.7%)*	79 %	22
Grain	Weyermann - Carafa III	0.25 kg *(3.4%)*	70 %	1024
Grain	Weyermann - Chocolate Rye	0.25 kg *(3.4%)*	20 %	493
Grain	Weyermann - Chocolate Wheat	0.25 kg *(3.4%)*	74 %	788

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	60 g	60 min	15.5 %
Boil	Warrior	20 g	15 min	15.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Slant	250 ml	Fermentis

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