

# Ris

- Gravity **23.8 BLG**
- ABV **10.9 %**
- IBU **101**
- SRM **61.4**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **9 liter(s)**
- Trub loss **10 %**
- Size with trub loss **9.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **11.9 liter(s)**

## Mash information

- Mash efficiency **50 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **21 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2 kg (28.6%)	80 %	4
Grain	Viking Wędzony torfem	1 kg (14.3%)	81 %	7
Grain	Strzegom Monachijski typ I	2 kg (28.6%)	79 %	16
Grain	Strzegom Monachijski typ II	1 kg (14.3%)	79 %	22
Grain	Strzegom Czekoladowy jasny	0.5 kg (7.1%)	68 %	400
Grain	Pszeniczny czekoladowy Weyermann	0.5 kg (7.1%)	80 %	1000

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	50 g	60 min	13.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11 g	Fermentis