

# Wędzony RIS

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **35**
- SRM **148.6**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **8 liter(s)**
- Trub loss **5 %**
- Size with trub loss **8.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **10.1 liter(s)**

## Mash information

- Mash efficiency **8 %**
- Liquor-to-grist ratio **2.3 liter(s) / kg**
- Mash size **33.5 liter(s)**
- Total mash volume **48 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Wędzony bukiem Viking Malt	5 kg (33.8%)	82 %	10
Grain	Słód Wędzony Steinbach	3.75 kg (25.3%)	80 %	5
Grain	Strzegom Wiedeński	0.5 kg (3.4%)	79 %	10
Grain	Grodziski pszeniczny wędzony dębem	1.3 kg (8.8%)	80 %	3
Grain	Żytni	0.9 kg (6.1%)	85 %	8
Grain	Monachijski	1 kg (6.8%)	80 %	16
Grain	Strzegom Czekoladowy ciemny	0.7 kg (4.7%)	68 %	1200
Grain	Jakiś ciemny (XD)	1.4 kg (9.5%)	70 %	1034
Sugar	Mleko w proszku	0.25 kg (1.7%)	50 %	---

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga i randomy	20 g	40 min	7 %