

RIS profondo nero

- Gravity **24.4 BLG**
- ABV **11.3 %**
- IBU **50**
- SRM **50.9**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **26 liter(s)**
- Total mash volume **36.4 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	7 kg (67.3%)	81 %	5
Grain	Munich Malt - 10L	1 kg (9.6%)	77 %	15
Grain	Abbey Malt Weyermann	1 kg (9.6%)	70 %	45
Grain	Carafa III	0.5 kg (4.8%)	70 %	1200
Grain	Black Barley (Roast Barley)	0.5 kg (4.8%)	55 %	1100
Grain	Platki owsiane	0.4 kg (3.8%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	East Kent Goldings	30 g	30 min	6.8 %
Boil	Cascade	70 g	90 min	7.5 %
Boil	Cascade	50 g	1 min	7.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
biowin ris	Ale	Liquid	115 ml	biowin

Extras

Type	Name	Amount	Use for	Time
Flavor	płatki dębowe	50 g	Secondary	---