

23 stout

- Gravity **19.6 BLG**
- ABV **8.6 %**
- IBU **49**
- SRM **2.9**
- Style **Sweet 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 **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	kasza jeczmienna	5 kg (62.5%)	--- %	---
Grain	Viking Pale Ale malt	3 kg (37.5%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	60 g	30 min	12.7 %