

## Stout na święta

---

- Gravity **15 BLG**
- ABV ---
- IBU **37**
- SRM **90.3**

### 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)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	ekstrakt słodowy ciemny Bruntal	3 kg (66.7%)	90 %	621
Grain	Czekoladowy	0.5 kg (11.1%)	60 %	788
Grain	Strzegom Barwiący	0.5 kg (11.1%)	68 %	1300
Grain	Płatki owsiane	0.5 kg (11.1%)	85 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	13.5 %
Aroma (end of boil)	Magnum	20 g	10 min	13.5 %