

Braggot

- Gravity **27 BLG**
- ABV **12.9 %**
- IBU **13**
- SRM **12.6**
- Style **English Barleywine**

Batch size

- Expected quantity of finished beer **18.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.7 liter(s) / kg**
- Mash size **8.9 liter(s)**
- Total mash volume **12.2 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **8.9 liter(s)** of strike water to **76.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **0 min** at **78C**
- Sparge using **17.8 liter(s)** of **76C** water or to achieve **23.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2 kg (24.1%)	80 %	4
Grain	Żytni	1 kg (12%)	85 %	8
Grain	Biscuit Malt	0.3 kg (3.6%)	79 %	45
Liquid Extract	WES ekstrakt słodowy jasny	5 kg (60.2%)	80 %	22

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	50 g	60 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
mead	Wine	Dry	23 g	---