

pumpkin ale

- Gravity **12.9 BLG**
- ABV ---
- IBU **19**
- SRM **16.7**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **15.3 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **72C**
- Sparge using **17.6 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3.5 kg (68.6%)	81 %	4
Grain	Strzegom Monachijski typ I	0.5 kg (9.8%)	79 %	16
Grain	Pszeniczny	0.7 kg (13.7%)	85 %	4
Grain	Carabelge	0.3 kg (5.9%)	80 %	30
Grain	Strzegom Czekoladowy ciemny	0.1 kg (2%)	68 %	1200

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	40 g	60 min	4 %
Aroma (end of boil)	Lublin (Lubelski)	20 g	5 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
safale t-58	Ale	Dry	11.5 g	---