

#0 POLISH KVEIK ALE

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **42**
- SRM **3.6**
- Style **Specialty Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **27.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **17.1 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **10 min** at **76C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **27.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pilzneński zero Viking Malt (Strzegom)	4 kg (81.6%)	--- %	4
Grain	Słód pszeniczny Viking Malt (Strzegom)	0.5 kg (10.2%)	--- %	5
Grain	Słód Carapils® Weyermann®	0.3 kg (6.1%)	--- %	4
Grain	Słód zakwaszający Weyermann®	0.1 kg (2%)	--- %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Zula	10 g	15 min	11 %
Boil	Oktawia	10 g	15 min	6 %
Whirlpool	Zula	60 g	20 min	11 %
Whirlpool	Oktawia	60 g	20 min	6 %
Dry Hop	Zula	30 g	4 day(s)	11 %
Dry Hop	Oktawia	30 g	2 day(s)	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Fermentum Mobile - FM53 Voss kveik	Ale	Liquid	40 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Other	Whirlfloc T	1.25 g	Boil	5 min

Notes

- chmienie na whirlpool/hopstand 20 minut od 90°C;
schłodzenie brzezki do temp. 22-23°C;
fermentacja burzliwa - temperatura piwa w głównej fazie fermentacji 22-40°C;
rozlew - poziom nasycenia 1,9-2,0 vol.;
refermentacja - 14-21 dni

profil wody (ppm): Ca 75-125; Mg 10; SO4 150-300; Cl 50-100; Alk. całkow. 0-50; RA -100-0
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