

Czeski ale

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **33**
- SRM **3.8**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **63 C**, Time **45 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **45 min** at **63C**
- Keep mash **10 min** at **76C**
- Sparge using **22.2 liter(s)** of **76C** water or to achieve **34.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (83.3%)	80 %	5
Grain	Weyermann - Carapils	0.5 kg (8.3%)	78 %	4
Grain	Viking Wheat Malt	0.5 kg (8.3%)	83 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla	43 g	60 min	6.2 %
Boil	Styrian Golding	50 g	10 min	2.8 %
Aroma (end of boil)	Saaz (Czech Republic)	50 g	10 min	3.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	200 ml	Fermentis