

U fleku

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **23**
- SRM **20.8**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **120 min**
- Evaporation rate **25 %/h**
- Boil size **34.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.1 liter(s)**
- Total mash volume **21.4 liter(s)**

Steps

- Temp **65 C**, Time **60 min**

Mash step by step

- Heat up **16.1 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **23.8 liter(s)** of **76C** water or to achieve **34.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	2.7 kg (50.5%)	81 %	4
Grain	Strzegom Monachijski typ I	1.6 kg (29.9%)	79 %	16
Grain	Słód Caramunich Typ II Weyermann	0.8 kg (15%)	73 %	120
Grain	Carafa II	0.25 kg (4.7%)	70 %	812

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Saaz (Czech Republic)	25 g	115 min	4.5 %
Boil	Saaz (Czech Republic)	20 g	20 min	4.5 %
Boil	Saaz (Czech Republic)	20 g	10 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mangrove Jack's M84 Bohemian Lager	Lager	Dry	10 g	Mangrove Jack's