kozlak benchura

- Gravity 16.4 BLG
- ABV 6.9 %
- IBU **20**
- SRM **13.3**
- Style Traditional Bock

Batch size

- Expected quantity of finished beer 12 liter(s)
- Trub loss 5 %
- Size with trub loss 12.6 liter(s)
- Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 15.2 liter(s)

Mash information

- Mash efficiency 75 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 11.8 liter(s)
- Total mash volume 15.8 liter(s)

Steps

- Temp **50 C**, Time **15 min** Temp **100 C**, Time **15 min**
- Temp 70 C, Time 10 min
- Temp 100 C, Time 15 min
- Temp 71 C, Time 15 min
 Temp 75 C, Time 1 min

Mash step by step

- Heat up 11.8 liter(s) of strike water to 55C
- Add grains
- Keep mash 15 min at 50C
- Keep mash 10 min at 70C
- Keep mash 15 min at 71C
- Keep mash 1 min at 75C
- Keep mash 15 min at 100C
- Keep mash 15 min at 100C
- Sparge using 7.4 liter(s) of 76C water or to achieve 15.2 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Strzegom Wiedeński	2.3 kg <i>(58.2%)</i>	79 %	10
Grain	Pilzneński	1 kg (25.3%)	81 %	4
Grain	Rahr - Red Wheat Malt	0.3 kg (7.6%)	85 %	89
Grain	Weyermann Caramunich 3	0.3 kg (7.6%)	76 %	150
Grain	Biscuit Malt	0.05 kg <i>(1.3%)</i>	79 %	45

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	hallertauer taurus	8 g	60 min	15.8 %

Yeasts

Name	Туре	Form	Amount	Laboratory
w 30-70	Lager	Slant	200 ml	

Extras

Туре	Name	Amount	Use for	Time
Fining	whirlflock	3.5 g	Boil	15 min

Notes

• dekokcja dwuwarowa Nov 24, 2019, 1:35 PM