mundialove

- Gravity 13.6 BLG
- ABV **5.6** %
- IBU **57**
- SRM **5.3**
- Style Rye IPA

Batch size

- Expected quantity of finished beer 16 liter(s)
- Trub loss 5 %
- Size with trub loss 18.4 liter(s)
- Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 22 liter(s)

Mash information

- Mash efficiency 80 %
- Liquor-to-grist ratio 3.5 liter(s) / kg
- Mash size 15.4 liter(s)
- Total mash volume 19.8 liter(s)

Steps

• Temp 67 C, Time 60 min

Mash step by step

- Heat up 15.4 liter(s) of strike water to 73.7C
- Add grains
- Keep mash 60 min at 67C
- Sparge using 11 liter(s) of 76C water or to achieve 22 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1.5 kg <i>(34.1%)</i>	80 %	4
Grain	Strzegom Wiedeński	1 kg (22.7%)	79 %	10
Grain	BESTMALZ - Best Wheat Malt	1 kg <i>(22.7%)</i>	82 %	4
Grain	Rye, Flaked	0.4 kg <i>(9.1%)</i>	78.3 %	4
Grain	Biscuit Malt	0.25 kg <i>(5.7%)</i>	79 %	45
Grain	Wheat, Torrified	0.25 kg <i>(5.7%)</i>	79 %	4
Adjunct	gips	0 kg	1 %	1

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	60 min	11 %
Boil	lunga	20 g	20 min	11 %
Boil	Cascade PL	40 g	1 min	5.2 %
Dry Hop	Cascade PL	60 g	3 day(s)	5.2 %

Yeasts

Name	Туре	Form	Amount	Laboratory
FM13 Irlandzkie Ciemności	Ale	Slant	100 ml	Fermentum Mobile

