- Gravity 17.5 BLG
- ABV ----
- IBU **120**
- SRM **12.6**
- Style Imperial IPA

Batch size

- Expected quantity of finished beer 21 liter(s)
- Trub loss 10 %
- Size with trub loss 23.1 liter(s)
- Boil time 90 min
- Evaporation rate 10 %/h
- Boil size 26.6 liter(s)

Mash information

- Mash efficiency 62 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 24.6 liter(s)
- Total mash volume 32.8 liter(s)

Steps

- Temp 65 C, Time 60 min
 Temp 75 C, Time 20 min

Mash step by step

- Heat up 24.6 liter(s) of strike water to 72.5C
- Add grains
- Keep mash 60 min at 65C
- Keep mash 20 min at 75C
- Sparge using 10.2 liter(s) of 76C water or to achieve 26.6 liter(s) of wort

Fermentables

Туре	Name	Amount	Yield	EBC
Grain	Pilzneński	7 kg (82.4%)	81 %	4
Grain	Caraaroma	0.1 kg <i>(1.2%)</i>	78 %	400
Grain	special W	0.1 kg <i>(1.2%)</i>	78 %	300
Grain	Barley, Flaked	0.4 kg <i>(4.7%)</i>	70 %	4
Grain	Rye, Flaked	0.6 kg <i>(7.1%)</i>	78.3 %	4
Sugar	Corn Sugar (Dextrose)	0.3 kg <i>(3.5%)</i>	100 %	0

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	60 min	11 %
Boil	Chinook	50 g	15 min	13 %
Boil	Cascade	50 g	15 min	6 %
Boil	Mosaic	50 g	15 min	10 %
Boil	Columbus/Tomahawk/Zeus	50 g	15 min	15.5 %
Boil	Simcoe	60 g	1 min	13 %
Boil	Chinook	25 g	1 min	13 %
Boil	Cascade	25 g	1 min	6 %

Boil	Mosaic	25 a	1 min	10 %
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Yeasts

Name	Туре	Form	Amount	Laboratory
Gozdawa Belgian Fruit Spicy Ale Yeast	Ale	Dry	20 g	Gozdawa