

Hazy

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **23**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.2 liter(s)**
- Total mash volume **23 liter(s)**

Steps

- Temp **66 C**, Time **25 min**

Mash step by step

- Heat up **17.2 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **25 min** at **66C**
- Sparge using **12.6 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (69.7%)	80 %	5
Grain	Simpsons - Maris Otter	1 kg (17.4%)	81 %	6
Grain	Pszeniczny	0.5 kg (8.7%)	85 %	4
Grain	Płatki owsiane	0.24 kg (4.2%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	20 min	13 %
Aroma (end of boil)	Chinook	20 g	5 min	13 %
Aroma (end of boil)	Amarillo	20 g	5 min	9.5 %
Aroma (end of boil)	Simcoe	20 g	5 min	13.2 %
Dry Hop	Amarillo	50 g	5 day(s)	9.5 %
Dry Hop	Simcoe	50 g	5 day(s)	13.2 %
Dry Hop	Citra	50 g	5 day(s)	12 %
Dry Hop	Mosaic	50 g	5 day(s)	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
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Wyeast - American Ale	Ale	Liquid	125 ml	Wyeast Labs
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