

IPA DOM

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **26**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **100 C**, Time **20 min**
- Temp **52 C**, Time **15 min**
- Temp **63 C**, Time **20 min**
- Temp **72 C**, Time **40 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **20 min** at **63C**
- Keep mash **40 min** at **72C**
- Keep mash **5 min** at **78C**
- Keep mash **20 min** at **100C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5.5 kg (91.7%)	80 %	5
Grain	Pszeniczny	0.5 kg (8.3%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Columbus/Tomahawk/Zeus	12 g	70 min	12.5 %
Boil	Equinox	5 g	10 min	13.1 %
Boil	Motueka	10 g	10 min	8 %
Boil	Waimea	5 g	10 min	17 %
Whirlpool	Equinox	25 g	1 min	13.1 %
Whirlpool	Motueka	30 g	1 min	8 %
Dry Hop	Equinox	30 g	4 day(s)	13.1 %
Dry Hop	Motueka	50 g	4 day(s)	7 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis