

Wheat IPA

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **45**
- SRM **4.2**
- 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 **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **77 C**, Time **15 min**

Mash step by step

- Heat up **18.6 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **15 min** at **77C**
- Sparge using **12 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	2.5 kg (47.2%)	80 %	5
Grain	Weyermann - Pale Wheat Malt	2 kg (37.7%)	85 %	5
Grain	Wheat, Flaked	0.5 kg (9.4%)	77 %	4
Grain	Oats, Flaked	0.3 kg (5.7%)	80 %	2

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Centennial	5 g	60 min	10.5 %
Aroma (end of boil)	Centennial	15 g	15 min	10.5 %
Aroma (end of boil)	Mosaic	50 g	10 min	10 %
Aroma (end of boil)	Centennial	30 g	10 min	10.5 %
Dry Hop	Mosaic	55 g	4 day(s)	10 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis