

New England IPA

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **42**
- SRM **3.9**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **19.2 liter(s)**
- Total mash volume **25.2 liter(s)**

Steps

- Temp **62 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **15 min**
- Temp **100 C**, Time **70 min**

Mash step by step

- Heat up **19.2 liter(s)** of strike water to **68.6C**
- Add grains
- Keep mash **50 min** at **62C**
- Keep mash **15 min** at **72C**
- Keep mash **15 min** at **78C**
- Keep mash **70 min** at **100C**
- Sparge using **17.2 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2.5 kg (41.7%)	80 %	5
Grain	Viking Wheat Malt	1 kg (16.7%)	83 %	5
Grain	Viking Pilsner malt	2.5 kg (41.7%)	82 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	30 g	40 min	12.1 %
Boil	Simcoe	30 g	5 min	12.1 %
Whirlpool	Simcoe	30 g	10 min	12.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Slant	200 ml	---