

## 44# New England IPA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **14**
- SRM **4.5**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **25.2 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

### Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

### Mash step by step

- Heat up **19.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **12.2 liter(s)** of **76C** water or to achieve **25.2 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (61.5%)	80 %	5
Grain	Pszeniczny	1.5 kg (23.1%)	85 %	4
Grain	Płatki owsiane	0.5 kg (7.7%)	60 %	3
Grain	Płatki pszeniczne	0.5 kg (7.7%)	60 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Mosaic	50 g	0 min	10 %
First Wort	Ekuanot	10 g	60 min	14 %
Dry Hop	Ekuanot	80 g	13 day(s)	14 %
Dry Hop	Citra	80 g	2 day(s)	12 %
Dry Hop	Amarillo	50 g	2 day(s)	9.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	120 ml	Fermentis