

New England IPA V

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **47**
- SRM **4.4**
- Style **English IPA**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **40 %/h**
- Boil size **18.2 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **16.6 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

Mash step by step

- Heat up **12.9 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **0 min** at **78C**
- Sparge using **9 liter(s)** of **76C** water or to achieve **18.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsneński	3 kg (81.1%)	80 %	4
Grain	Weyermann - Carapils	0.3 kg (8.1%)	75 %	5
Grain	Płatki owsiane błyskawiczne	0.4 kg (10.8%)	75 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	USA Amarillo	10 g	60 min	7.4 %
Boil	USA Simcoe	15 g	30 min	13.3 %
Boil	USA Amarillo	25 g	5 min	7.4 %
Boil	USA Centennial	35 g	0 min	9.7 %
Boil	USA Simcoe	20 g	0 min	13.3 %
Dry Hop	USA Centennial	15 g	3 day(s)	9.7 %
Dry Hop	USA Simcoe	15 g	2 day(s)	13.3 %
Dry Hop	USA Amarillo	15 g	1 day(s)	7.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
------	------	------	--------	------------

FM55 Zielone wzgórze	Ale	Liquid	50 ml	---
-------------------------	-----	--------	-------	-----