

New England IPA

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **35**
- SRM **4.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **30.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **22.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **78C**
- Sparge using **12.5 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	5 kg (65.8%)	81 %	4
Grain	Oats, Flaked	1.2 kg (15.8%)	80 %	2
Grain	Wheat Blanc - Castle Malting	1 kg (13.2%)	81 %	4
Grain	Wheat, Flaked	0.4 kg (5.3%)	77 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sabro	25 g	15 min	15 %
Whirlpool	Idaho Gem	25 g	20 min	13.7 %
Whirlpool	Sabro	25 g	20 min	15 %
Dry Hop	Sabro	50 g	5 day(s)	15 %
Dry Hop	Idaho Gem	50 g	5 day(s)	13.7 %
Dry Hop	HBC 472	75 g	5 day(s)	9.5 %
Dry Hop	BRU-1	75 g	5 day(s)	15.7 %

Yeasts

Name	Type	Form	Amount	Laboratory
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Lallemand Verdant IPA	Ale	Dry	22 g	Lallemand
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Extras

Type	Name	Amount	Use for	Time
Water Agent	Kwas mlekowy	7 g	Mash	60 min
Water Agent	CaCl2	7 g	Mash	60 min
Fining	Whirlfloc-T	2.5 g	Boil	10 min