

# Vermont IPA

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **23**
- SRM **3.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **2 %**
- Size with trub loss **26 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.4 liter(s)**

## Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3.1 liter(s) / kg**
- Mash size **17.1 liter(s)**
- Total mash volume **22.6 liter(s)**

## Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **0 min**

## Mash step by step

- Heat up **17.1 liter(s)** of strike water to **73.4C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **19.8 liter(s)** of **76C** water or to achieve **31.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pszeniczny	1 kg (18.2%)	81 %	6
Grain	Viking Pale Ale malt	3.5 kg (63.6%)	80 %	5
Grain	Płatki pszeniczne	0.5 kg (9.1%)	85 %	3
Grain	Płatki owsiane	0.5 kg (9.1%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Equinox	5 g	120 min	13.1 %
Boil	Centennial	25 g	5 min	10.5 %
Aroma (end of boil)	Mosaic	60 g	5 min	10 %
Dry Hop	Equinox	75 g	14 day(s)	13.1 %
Dry Hop	Citra	80 g	5 day(s)	12 %
Dry Hop	Amarillo	45 g	3 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-33	Ale	Dry	11 g	Fermentis