

Vermont Ipa

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **50**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **17.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **77 C**, Time **2 min**

Mash step by step

- Heat up **17.5 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **10 min** at **72C**
- Keep mash **2 min** at **77C**
- Sparge using **11.6 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (60%)	80 %	4
Grain	Strzegom Pszeniczny	0.6 kg (12%)	81 %	6
Grain	Bestmalz Carmel Pils	0.6 kg (12%)	75 %	5
Grain	Abbey Malt Weyermann	0.2 kg (4%)	75 %	45
Grain	Płatki pszeniczne	0.3 kg (6%)	85 %	3
Grain	Płatki owsiane	0.3 kg (6%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	5 g	60 min	12 %
Boil	Citra	25 g	40 min	12 %
Boil	Mosaic	15 g	40 min	10 %
Dry Hop	Citra	40 g	3 day(s)	12 %
Dry Hop	Citra	30 g	5 day(s)	12 %
Dry Hop	Mosaic	35 g	5 day(s)	10 %
Dry Hop	Palisade	50 g	4 day(s)	7.5 %

Dry Hop	Dr Rudi	50 g	4 day(s)	11.8 %
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Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11.5 g	Safale

Notes

- Pierwsze chmienie na zimno, 4 dzień fermentacji. butelkowanie:
5 gram glukozy na litr piwa.
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