

Vermont Juice

- Gravity **17.7 BLG**
- ABV **7.6 %**
- IBU **13**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24.6 liter(s)**
- Total mash volume **32.8 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **24.6 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **72C**
- Sparge using **15.3 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	4 kg (48.8%)	80 %	5
Grain	Pszeniczny	3 kg (36.6%)	85 %	4
Grain	Płatki pszeniczne	0.6 kg (7.3%)	85 %	3
Grain	Płatki owsiane	0.6 kg (7.3%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	5 g	60 min	12 %
Boil	Citra	15 g	20 min	12 %
Boil	Citra	30 g	1 min	12 %
Dry Hop	Citra	25 g	10 day(s)	12 %
Dry Hop	Citra	75 g	4 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM55 Zielone Wzgórze	Ale	Liquid	1000 ml	Fermentum Mobile