

# Vermont IPA 36 L

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- Gravity **9 BLG**
- ABV **3.5 %**
- IBU **75**
- SRM **3.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **36 liter(s)**
- Trub loss **5 %**
- Size with trub loss **37.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **45.5 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **33.5 liter(s)** of **76C** water or to achieve **45.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3 kg (50%)	80 %	5
Grain	Strzegom Pszeniczny	2 kg (33.3%)	81 %	6
Grain	Żytni	1 kg (16.7%)	85 %	8

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Bravo	35 g	60 min	15.5 %
Boil	Cascade	60 g	0 min	6.9 %
Boil	Centennial	60 g	10 min	9.7 %
Boil	Simcoe	25 g	60 min	13.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	22 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
Finning	whirlflock	1 g	Boil	10 min