

## Simcoe Session IPA 10 TB

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- Gravity **10 BLG**
- ABV **4 %**
- IBU **47**
- SRM **5.7**
- 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 **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.4 liter(s)**
- Total mash volume **17.8 liter(s)**

### Steps

- Temp **72 C**, Time **0 min**
- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **13.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **0 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **22.8 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	3.2 kg (71.9%)	90 %	5
Grain	Strzegom Pilzneński	1 kg (22.5%)	89 %	4
Grain	Strzegom Karmel 150	0.25 kg (5.6%)	75 %	150

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	15 g	60 min	13.2 %
Aroma (end of boil)	Simcoe	14 g	15 min	13.2 %
Aroma (end of boil)	Simcoe	25 g	10 min	13.2 %
Aroma (end of boil)	Simcoe	73 g	2 min	13.2 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis