

# Simcoe Session IPA

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- Gravity **8.8 BLG**
- ABV **3.4 %**
- IBU **41**
- SRM **5.3**
- Style **Saison**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **10 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.4 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.4 liter(s)**
- Total mash volume **17.8 liter(s)**

## Steps

- Temp **68 C**, Time **90 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 **90 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **25.5 liter(s)** of **76C** water or to achieve **34.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	3.2 kg (71.9%)	80 %	5
Grain	Pilzneński	1 kg (22.5%)	81 %	4
Grain	karmelowy	0.25 kg (5.6%)	75 %	150

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	12 g	60 min	13.2 %
Boil	Simcoe	12 g	15 min	13.2 %
Boil	Simcoe	25 g	10 min	13.2 %
Aroma (end of boil)	Simcoe	76 g	2 min	13.2 %

## Yeasts

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