

# American Wheat Simcoe SH

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- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **22**
- SRM **3.9**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **8 %**
- Size with trub loss **22.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **52 C**, Time **15 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2 kg (40%)	80 %	4
Grain	Strzegom Pszeniczny	2 kg (40%)	81 %	6
Grain	Malteurop Pale Ale	1 kg (20%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	15 g	60 min	12.1 %
Whirlpool	Simcoe	25 g	5 min	12.1 %
Dry Hop	Simcoe	60 g	2 day(s)	12.1 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Slant	500 ml	Safale