

# simcoe wheat

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **32**
- SRM **3.5**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **25 liter(s)**
- Total mash volume **30 liter(s)**

## Steps

- Temp **52 C**, Time **0 min**
- Temp **63 C**, Time **15 min**
- Temp **73 C**, Time **35 min**
- Temp **77 C**, Time **10 min**

## Mash step by step

- Heat up **25 liter(s)** of strike water to **55.2C**
- Add grains
- Keep mash **0 min** at **52C**
- Keep mash **15 min** at **63C**
- Keep mash **35 min** at **73C**
- Keep mash **10 min** at **77C**
- Sparge using **7.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	3 kg (60%)	85 %	4
Grain	Strzegom Pilzneński	2 kg (40%)	80 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	20 g	60 min	12 %
Boil	Simcoe	30 g	5 min	12 %
Aroma (end of boil)	Citra	25 g	0 min	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	11.5 g	Safbrew