

simcoe saison IPA

- Gravity **9.9 BLG**
- ABV ---
- IBU **45**
- SRM **5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **14 liter(s)**
- Total mash volume **17.5 liter(s)**

Steps

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

Mash step by step

- Heat up **14 liter(s)** of strike water to **74C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **14.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------|----------------|-------|-----|
| Grain | Pilznieński | 0.8 kg (22.9%) | 81 % | 4 |
| Grain | Karmelowy Czerwony | 0.2 kg (5.7%) | 75 % | 59 |
| Grain | Pale Ale | 2.5 kg (71.4%) | 80 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Simcoe | 10 g | 60 min | 13 % |
| Boil | Simcoe | 10 g | 15 min | 13 % |
| Boil | Simcoe | 20 g | 10 min | 13 % |
| Boil | Simcoe | 60 g | 2 min | 13 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11 g | Fermentis |