

saison

- Gravity **14.9 BLG**
- ABV ---
- IBU **23**
- SRM **6.2**
- Style **Saison**

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 **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **64 C**, Time **55 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **55 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **15.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński | 3 kg (50%) | 80 % | 4 |
| Grain | Strzegom Wiedeński | 1.5 kg (25%) | 79 % | 10 |
| Grain | Strzegom pszeniczny | 1 kg (16.7%) | 81 % | 6 |
| Grain | Weyermann - carahell | 0.2 kg (3.3%) | 80 % | 6 |
| Grain | Weyermann - caraaroma | 0.2 kg (3.3%) | 80 % | 6 |
| Grain | Weyermann - Acidulated Malt | 0.1 kg (1.7%) | 80 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | triskel | 30 g | 60 min | 7.6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------|------|------|--------|------------|
| Safbrew abbaye | Ale | Dry | 11.5 g | --- |

Extras

| Type | Name | Amount | Use for | Time |
|---------|---------------------|--------|---------|--------|
| Flavor | curacao | 20 g | Boil | 15 min |
| Flavor | skórka pomarańczy | 12.5 g | Boil | 30 min |
| Flavor | skórka z grejfruta | 20 g | Boil | 35 min |
| Flavor | skórka z mandarynki | 15 g | Boil | 25 min |
| Finning | mech irlandzki | 3.5 g | Boil | 10 min |
| Flavor | skórka z limonki | 2 g | Boil | 15 min |
| Flavor | skórka z cytryny | 2.5 g | Boil | 15 min |