

## saïson 10

---

- Gravity **10.2 BLG**
- ABV **4.1 %**
- IBU **32**
- SRM **7**
- Style **Saïson**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.9 liter(s)**
- Total mash volume **13.2 liter(s)**

### Steps

- Temp **62 C**, Time **60 min**
- Temp **75 C**, Time **1 min**

### Mash step by step

- Heat up **9.9 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **1 min** at **75C**
- Sparge using **22.4 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

### Fermentables

| Type    | Name                  | Amount          | Yield | EBC |
|---------|-----------------------|-----------------|-------|-----|
| Grain   | Pilzneński            | 2.45 kg (60.3%) | 81 %  | 4   |
| Grain   | Strzegom Wiedeński    | 0.7 kg (17.2%)  | 79 %  | 10  |
| Adjunct | Pszenica niesłodowana | 0.56 kg (13.8%) | 75 %  | 3   |
| Grain   | Caraaroma             | 0.14 kg (3.4%)  | 78 %  | 400 |
| Sugar   | cukier                | 0.21 kg (5.2%)  | 100 % | 1   |

### Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | lunga  | 13 g   | 60 min | 11 %       |
| Boil    | Mosaic | 20 g   | 20 min | 10 %       |
| Boil    | Mosaic | 20 g   | 5 min  | 10 %       |

### Yeasts

| Name                              | Type | Form | Amount | Laboratory      |
|-----------------------------------|------|------|--------|-----------------|
| Mangrove Jack's M29 French Saison | Ale  | Dry  | 10 g   | Mangrove Jack's |

### Extras

| Type  | Name                       | Amount | Use for | Time  |
|-------|----------------------------|--------|---------|-------|
| Spice | aframom madagaskarski      | 5 g    | Boil    | 5 min |
| Spice | Kolendra                   | 10 g   | Boil    | 5 min |
| Spice | curacao                    | 10 g   | Boil    | 5 min |
| Spice | skórka słodkiej pomarańczy | 10 g   | Boil    | 5 min |
| Spice | kafir                      | 5 g    | Boil    | 5 min |
| Spice | skórka cytrynowa           | 10 g   | Boil    | 5 min |