

Wariacja sezonowa

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **22**
- SRM **9.4**
- 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 **15.5 liter(s)**
- Total mash volume **20.7 liter(s)**

Steps

- Temp **65 C**, Time **50 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **15.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **50 min** at **65C**
- Keep mash **20 min** at **72C**
- Sparge using **17.5 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|-----------------|-------|------|
| Grain | Strzegom Karmel 30 | 0.358 kg (6.8%) | 75 % | 30 |
| Grain | Strzegom Monachijski typ II | 0.258 kg (4.9%) | 79 % | 22 |
| Grain | Biscuit Malt | 0.1 kg (1.9%) | 79 % | 45 |
| Grain | Strzegom Pilzneński | 4 kg (76%) | 80 % | 4 |
| Grain | Pszoniczny | 0.3 kg (5.7%) | 85 % | 4 |
| Grain | Weyermann - Acidulated Malt | 0.1 kg (1.9%) | 80 % | 6 |
| Sugar | Kandyż | 0.1 kg (1.9%) | 100 % | 1 |
| Grain | Strzegom Barwiący | 0.05 kg (0.9%) | 68 % | 1450 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil | Marynka | 15 g | 60 min | 10 % |
| Boil | Saaz (Czech Republic) | 20 g | 20 min | 4.5 % |
| Aroma (end of boil) | Saaz (Czech Republic) | 10 g | 5 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------------|-------------|-------------|---------------|-------------------|
| FM25 Klasztorna medytacja | Ale | Liquid | 40 ml | Fermentum Mobile |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------|---------------|----------------|-------------|
| Flavor | Curacao | 20 g | Boil | 10 min |