

saison

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **23**
- SRM **8.9**
- Style **Saison**

Batch size

- Expected quantity of finished beer **14 liter(s)**
- Trub loss **7 %**
- Size with trub loss **15 liter(s)**
- Boil time **60 min**
- Evaporation rate **18 %/h**
- Boil size **22.7 liter(s)**

Mash information

- Mash efficiency **77 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

Steps

- Temp **63 C**, Time **50 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **5 min**
- Temp **52 C**, Time **5 min**

Mash step by step

- Heat up **14.7 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **5 min** at **52C**
- Keep mash **50 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **22.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Pilzneński | 3.1 kg (63.3%) | 81 % | 4 |
| Grain | Strzegom Monachijski typ I | 0.6 kg (12.2%) | 79 % | 16 |
| Grain | Pszeniczny | 0.8 kg (16.3%) | 85 % | 4 |
| Grain | Carahell | 0.15 kg (3.1%) | 77 % | 26 |
| Grain | Caraaroma | 0.1 kg (2%) | 78 % | 400 |
| Grain | Caraamber | 0.1 kg (2%) | 75 % | 59 |
| Grain | zakwaszający | 0.05 kg (1%) | 50 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil | Marynka | 15 g | 65 min | 10 % |
| Boil | Saaz (Czech Republic) | 15 g | 15 min | 4.5 % |
| Boil | Saaz (Czech Republic) | 10 g | 5 min | 4.5 % |

Yeasts

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|-----------------------------------|-------|-------|---------|------------|
| Gozdawa - Classic Belgian Witbier | Wheat | Slant | 1200 ml | Gozdawa |

Extras

| Type | Name | Amount | Use for | Time |
|-------|---------|--------|---------|--------|
| Spice | curacao | 20 g | Boil | 10 min |