

# Saison - Dorota Chrapek

- Gravity **13.1 BLG**
- ABV ---
- IBU **43**
- SRM **13.9**
- Style **Saison**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.1 liter(s)**
- Total mash volume **18.8 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **20 min**

## Mash step by step

- Heat up **14.1 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name               | Amount         | Yield | EBC |
|-------|--------------------|----------------|-------|-----|
| Grain | Pilzneński         | 2.7 kg (57.4%) | 81 %  | 4   |
| Grain | Strzegom Wiedeński | 0.8 kg (17%)   | 79 %  | 10  |
| Grain | Pszeniczny         | 0.7 kg (14.9%) | 85 %  | 4   |
| Grain | Carahell           | 0.2 kg (4.3%)  | 77 %  | 26  |
| Grain | Caraaroma          | 0.2 kg (4.3%)  | 78 %  | 400 |
| Grain | Zakwaszający       | 0.1 kg (2.1%)  | 75 %  | 5   |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Marynka | 30 g   | 65 min | 10 %       |
| Aroma (end of boil) | Żatecki | 20 g   | 20 min | 4 %        |
| Aroma (end of boil) | Żatecki | 10 g   | 5 min  | 4 %        |

## Yeasts

| Name                            | Type | Form   | Amount  | Laboratory  |
|---------------------------------|------|--------|---------|-------------|
| Starter Wyeast - Belgian Saison | Ale  | Liquid | 1500 ml | Wyeast Labs |

## Extras

| Type  | Name    | Amount | Use for | Time   |
|-------|---------|--------|---------|--------|
| Other | Glukoza | 0.3 g  | Boil    | 5 min  |
| Spice | Curacao | 20 g   | Boil    | 20 min |