

## Saison, (dori)

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- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **32**
- SRM **10.3**
- Style **Saison**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **29.3 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.9 liter(s)**
- Total mash volume **23.9 liter(s)**

### Steps

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

### Mash step by step

- Heat up **17.9 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **17.4 liter(s)** of **76C** water or to achieve **29.3 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount          | Yield | EBC |
|-------|-----------------------------|-----------------|-------|-----|
| Grain | Pilzneński                  | 3.5 kg (55.3%)  | 81 %  | 3.5 |
| Grain | Strzegom Wiedeński          | 1 kg (15.8%)    | 79 %  | 10  |
| Grain | Pszeniczny                  | 0.85 kg (13.4%) | 85 %  | 4   |
| Grain | Carahell                    | 0.25 kg (3.9%)  | 77 %  | 26  |
| Grain | Caraaroma                   | 0.25 kg (3.9%)  | 78 %  | 400 |
| Grain | Weyermann - Acidulated Malt | 0.12 kg (1.9%)  | 80 %  | 3.5 |
| Sugar | Cane (Beet) Sugar           | 0.36 kg (5.7%)  | 100 % | 0   |

### Hops

| Use for | Name                  | Amount | Time   | Alpha acid |
|---------|-----------------------|--------|--------|------------|
| Boil    | Marynka               | 28 g   | 65 min | 10 %       |
| Boil    | Saaz (Czech Republic) | 24 g   | 20 min | 4.5 %      |
| Boil    | Saaz (Czech Republic) | 12 g   | 5 min  | 4.5 %      |

### Yeasts

| Name         | Type | Form | Amount  | Laboratory |
|--------------|------|------|---------|------------|
| Safale US-05 | Ale  | Dry  | 13.32 g | Fermentis  |

## Extras

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