

Saison 7

- Gravity **17.5 BLG**
- ABV **7.5 %**
- IBU **34**
- SRM **5.1**
- 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 **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **55 C**, Time **5 min**
- Temp **63 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **5 min** at **55C**
- Keep mash **60 min** at **63C**
- Keep mash **1 min** at **76C**
- Sparge using **16.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|------------------------|---------------|-------|-----|
| Grain | Pilsner Malz Best | 3 kg (50%) | 81 % | 3 |
| Grain | Münchner Malz Best | 1 kg (16.7%) | 78 % | 20 |
| Grain | Weizenmalz Best | 0.5 kg (8.3%) | 82 % | 4 |
| Sugar | Sugar, Table (Sucrose) | 0.5 kg (8.3%) | 100 % | 2 |
| Adjunct | Pszenica niesłodowana | 1 kg (16.7%) | 75 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|--------|------------|
| First Wort | Perle | 10 g | 60 min | 9.7 % |
| Boil | East Kent Goldings | 20 g | 60 min | 5.7 % |
| Boil | East Kent Goldings | 20 g | 15 min | 5.7 % |
| Boil | Tettnang | 20 g | 15 min | 5 % |
| Aroma (end of boil) | East Kent Goldings | 20 g | 5 min | 5.7 % |
| Aroma (end of boil) | Tettnang | 20 g | 5 min | 5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------|-------------|-------------|---------------|-------------------|
| Danstar - Belle Saison | Ale | Slant | 300 ml | Danstar |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------|---------------|----------------|-------------|
| Spice | pomarancza | 20 g | Boil | 1 min |
| Spice | Ingwer | 10 g | Boil | 10 min |
| Spice | koriander | 10 g | Boil | 10 min |