

Saison 4

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **33**
- SRM **3.7**
- Style **Saison**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **23.3 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **19.8 liter(s)**

Steps

- Temp **63 C**, Time **75 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **15.4 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **75 min** at **63C**
- Keep mash **5 min** at **76C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **23.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|----------------|--------|-----|
| Grain | Pilsner Malz Best | 3 kg (63.2%) | 81 % | 3 |
| Grain | Weizenmalz Best | 0.5 kg (10.5%) | 82 % | 4 |
| Grain | Wiener Malz Best | 0.5 kg (10.5%) | 80 % | 8 |
| Grain | Dinkelmalz | 0.2 kg (4.2%) | --- % | 6 |
| Grain | Sauermalz | 0.2 kg (4.2%) | --- % | 4 |
| Sugar | Sugar, Table (Sucrose) | 0.3 kg (6.3%) | 100 % | 2 |
| Sugar | Milk Sugar (Lactose) | 0.05 kg (1.1%) | 76.1 % | 0 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil | Galaxy | 15 g | 60 min | 15 % |
| Aroma (end of boil) | East Kent Goldings | 40 g | 5 min | 5 % |
| Aroma (end of boil) | Saaz (Czech Republic) | 10 g | 5 min | 3.8 % |
| Aroma (end of boil) | Lublin (Lubelski) | 30 g | 5 min | 3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|------------------------|-----|-------|--------|---------|
| Danstar - Belle Saison | Ale | Slant | 300 ml | Danstar |
|------------------------|-----|-------|--------|---------|

Extras

| Type | Name | Amount | Use for | Time |
|-------|------------|--------|---------|--------|
| Herb | pomarańcza | 20 g | Boil | 10 min |
| Spice | koriander | 10 g | Boil | 5 min |

Notes

- Glukoza 5 min gotowania 0,3
Milchsäure 2 ml
Braugips 2 g
IBU trochę mniej 25 -30
Feb 26, 2020, 12:51 AM