

Hefeweizen 1.1

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **13**
- SRM **3.6**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **10 %**
- Size with trub loss **14.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **17.2 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **13 liter(s)**
- Total mash volume **16.3 liter(s)**

Steps

- Temp **44 C**, Time **20 min**
- Temp **62 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **13 liter(s)** of strike water to **47C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **45 min** at **62C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **7.5 liter(s)** of **76C** water or to achieve **17.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------|---------------|-------|-----|
| Grain | Pilznieński | 1.3 kg (40%) | 81 % | 4 |
| Grain | Pszeniczny | 1.95 kg (60%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------|--------|--------|------------|
| Boil | Cascade PL | 8 g | 45 min | 8 % |
| Boil | Cascade PL | 5 g | 15 min | 8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------|-------|------|--------|------------|
| Safbrew WB-06 | Wheat | Dry | 7.5 g | Safbrew |