

#177 Dwunaste zwykłe piwo

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **16**
- SRM **3.8**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **24.2 liter(s)**
- Trub loss **7 %**
- Size with trub loss **27.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **6 %/h**
- Boil size **29.5 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.6 liter(s)**
- Total mash volume **23.9 liter(s)**

Steps

- Temp **66 C**, Time **75 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **18.6 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **75 min** at **66C**
- Keep mash **5 min** at **78C**
- Sparge using **16.2 liter(s)** of **76C** water or to achieve **29.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--|-----------------|-------|-----|
| Grain | No. 19 Floor Malt Maris Otter Crisp | 1.66 kg (31.3%) | 80 % | 6.5 |
| Grain | Weyermann pilzneński premium | 1.66 kg (31.3%) | 80 % | 2 |
| Grain | Weyermann żytni jasny | 1.66 kg (31.3%) | 85 % | 7 |
| Grain | Viking Malt pszeniczny | 0.33 kg (6.2%) | 81 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-----------------------------|--------|----------|------------|
| Boil | Styrian Golding SLO 2022 | 50 g | 60 min | 3.4 % |
| Dry Hop | Styrian Golding SLO 2022 | 50 g | 7 day(s) | 3.4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------------|------|-------|--------|------------|
| Lallemand Verdant IPA | Ale | Slant | 50 ml | Lallemand |