

HEFFE URO hANKI

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **10**
- SRM **3.8**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **35 liter(s)**
- Trub loss **10 %**
- Size with trub loss **38.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **48.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **26.4 liter(s)**
- Total mash volume **35.2 liter(s)**

Steps

- Temp **44 C**, Time **15 min**
- Temp **64 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **26.4 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **15 min** at **44C**
- Keep mash **45 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **30.7 liter(s)** of **76C** water or to achieve **48.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Pszeniczny | 5 kg (56.8%) | 85 % | 4 |
| Grain | Pilzneński | 3 kg (34.1%) | 81 % | 4 |
| Grain | Strzegom Monachijski typ I | 0.3 kg (3.4%) | 79 % | 16 |
| Grain | Płatki pszeniczne | 0.5 kg (5.7%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------------|--------|--------|------------|
| Boil | Hallertau Tradition | 40 g | 60 min | 4.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------------|-------|--------|--------|------------------|
| FM41 Gwoździe i Banany | Wheat | Liquid | 100 ml | Fermentum Mobile |