

# 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