

# HefeWeizen Gwoździe i Banany 08-12-2022 r.

- Gravity **13.3 BLG**
- ABV ---
- IBU **9**
- SRM **5.7**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **34.7 liter(s)**

## Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **26.3 liter(s)**
- Total mash volume **33.8 liter(s)**

## Steps

- Temp **44 C**, Time **20 min**
- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **26.3 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **20 min** at **44C**
- Keep mash **50 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.9 liter(s)** of **76C** water or to achieve **34.7 liter(s)** of wort

## Fermentables

| Type  | Name                                      | Amount         | Yield | EBC |
|-------|---|----------------|-------|-----|
| Grain | Pszeniczny jasny                          | 3.75 kg (50%)  | 80 %  | 4   |
| Grain | Słód Pilsner®<br>2,5-4,5 EBC<br>Weyermann | 3.5 kg (46.7%) | 80 %  | 4   |
| Grain | CaraWheat                                 | 0.25 kg (3.3%) | 80 %  | 120 |

## Hops

| Use for | Name                | Amount | Time   | Alpha acid |
|---------|---------------------|--------|--------|------------|
| Boil    | Hallertau Tradition | 20 g   | 40 min | 5.5 %      |
| Boil    | Hallertau Tradition | 10 g   | 10 min | 5.5 %      |

## Yeasts

| Name                   | Type  | Form  | Amount | Laboratory       |
|------------------------|-------|-------|--------|------------------|
| FM41 Gwoździe i Banany | Wheat | Slant | 540 ml | Fermentum Mobile |