

# Hefeweizen\_eksperyment

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **25**
- SRM **3.3**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.9 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4.76 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **24.2 liter(s)**

## Steps

- Temp **46 C**, Time **15 min**
- Temp **63 C**, Time **25 min**
- Temp **72 C**, Time **40 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **20 liter(s)** of strike water to **48.7C**
- Add grains
- Keep mash **15 min** at **46C**
- Keep mash **25 min** at **63C**
- Keep mash **40 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **9.1 liter(s)** of **76C** water or to achieve **24.9 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Pszeniczny          | 2.5 kg (59.5%) | 85 %  | 4   |
| Grain | Strzegom Pilzneński | 1.7 kg (40.5%) | 80 %  | 4   |

## Hops

| Use for   | Name        | Amount | Time   | Alpha acid |
|-----------|-------------|--------|--------|------------|
| Boil      | Sorachi Ace | 20 g   | 10 min | 10 %       |
| Whirlpool | Motueka     | 40 g   | 20 min | 7 %        |
| Whirlpool | Amarillo    | 20 g   | 20 min | 9.5 %      |

## Yeasts

| Name                   | Type  | Form   | Amount | Laboratory       |
|------------------------|-------|--------|--------|------------------|
| FM41 Gwoździe i Banany | Wheat | Liquid | 30 ml  | Fermentum Mobile |

## Extras

| Type   | Name      | Amount | Use for | Time  |
|--------|-----------|--------|---------|-------|
| Fining | Whirlfloc | 2.5 g  | Boil    | 5 min |

|       |         |       |          |     |
|-------|---------|-------|----------|-----|
| Other | glukoza | 260 g | Bottling | --- |
|-------|---------|-------|----------|-----|