

# Fruit Oaty Ale

- Gravity **10.2 BLG**
- ABV **4.1 %**
- IBU **18**
- SRM **3.7**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9 liter(s)**
- Total mash volume **12 liter(s)**

## Steps

- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **9 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Sparge using **9.2 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Pilzneński           | 2 kg (66.7%)   | 81 %  | 4   |
| Grain | Słód owsiany Fawcett | 0.5 kg (16.7%) | 61 %  | 5   |
| Grain | Płatki owsiane       | 0.5 kg (16.7%) | 60 %  | 3   |

## Hops

| Use for | Name  | Amount | Time   | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil    | lunga | 10 g   | 30 min | 12 %       |

## Yeasts

| Name         | Type | Form  | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale  | Slant | 100 ml | Fermentis  |

## Extras

| Type        | Name           | Amount | Use for   | Time     |
|-------------|----------------|--------|-----------|----------|
| Water Agent | chlorek wapnia | 4.5 g  | Mash      | 60 min   |
| Flavor      | guava          | 900 g  | Secondary | 7 day(s) |