

# Pszeniczne owocowe

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **14**
- SRM **3.9**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.1 liter(s)**
- Total mash volume **17.5 liter(s)**

## Steps

- Temp **52 C**, Time **15 min**
- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **79 C**, Time **5 min**

## Mash step by step

- Heat up **13.1 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **79C**
- Sparge using **18.8 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount          | Yield | EBC |
|-------|----------------------------|-----------------|-------|-----|
| Grain | Pszeniczny                 | 2.2 kg (50.2%)  | 85 %  | 4   |
| Grain | Strzegom Pilzneński        | 1.08 kg (24.7%) | 80 %  | 4   |
| Grain | Strzegom Monachijski typ I | 1.1 kg (25.1%)  | 79 %  | 12  |

## Hops

| Use for    | Name     | Amount | Time   | Alpha acid |
|------------|----------|--------|--------|------------|
| First Wort | Lubelski | 30 g   | 60 min | 4.1 %      |

## Yeasts

| Name                   | Type  | Form   | Amount  | Laboratory       |
|------------------------|-------|--------|---------|------------------|
| FM41 Gwoździe i Banany | Wheat | Liquid | 1000 ml | Fermentum Mobile |

## Extras

| Type   | Name  | Amount | Use for   | Time     |
|--------|-------|--------|-----------|----------|
| Flavor | Owoce | 500 g  | Secondary | 3 day(s) |