

# Juicy Sour na wesele

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU ---
- SRM **4.2**
- Style **Gose**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **28.5 liter(s)**

## Steps

- Temp **69 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **22.8 liter(s)** of strike water to **75.1C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **10 min** at **78C**
- Sparge using **11.9 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield  | EBC |
|-------|----------------------|----------------|--------|-----|
| Grain | Strzegom Pale Ale    | 3.4 kg (53.1%) | 79 %   | 6   |
| Grain | Słód pszeniczny      | 1.3 kg (20.3%) | 82 %   | 5   |
| Grain | Płatki pszeniczne    | 1 kg (15.6%)   | 85 %   | 3   |
| Sugar | Milk Sugar (Lactose) | 0.7 kg (10.9%) | 76.1 % | 0   |

## Yeasts

| Name                      | Type | Form   | Amount | Laboratory |
|---------------------------|------|--------|--------|------------|
| FM53 Voss kveik           | Ale  | Liquid | 50 ml  | Lallemand  |
| dwie łyżki stołowe gęstwy |      |        |        |            |

## Extras

| Type   | Name                 | Amount | Use for   | Time      |
|--|----------------------|--------|-----------|-----------|
| Other  | Łuska Ryżowa         | 100 g  | Mash      | 60 min    |
| Other  | Bakterie l.plantarum | 5 g    | Primary   | 2 day(s)  |
| Zakwaszamy bardzo głęboko, najlepiej 3.1 pH przez 24h. |                      |        |           |           |
| Spice  | Sól                  | 11 g   | Boil      | 10 min    |
| Dodać 0,4g/1L  |                      |        |           |           |
| Flavor   | Maliny mrożone       | 1200 g | Secondary | 14 day(s) |

|        |                 |       |           |           |
|--------|-----------------|-------|-----------|-----------|
| Flavor | Wiśnie mrożone  | 900 g | Secondary | 13 day(s) |
| Flavor | Nasiona granatu | 500 g | Secondary | 11 day(s) |