

# Kwaśna wiśnia

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **13**
- SRM **4.3**
- Style **Berliner Weisse**

## Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **35.2 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **15 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **72C**
- Sparge using **23.2 liter(s)** of **76C** water or to achieve **35.2 liter(s)** of wort

## Fermentables

| Type  | Name                     | Amount        | Yield | EBC |
|-------|--------------------------|---------------|-------|-----|
| Grain | Strzegom Pilzneński      | 3 kg (50%)    | 80 %  | 4   |
| Grain | Słód pszeniczny Bestmalz | 2 kg (33.3%)  | 82 %  | 5   |
| Grain | Strzegom Karmel 30       | 0.5 kg (8.3%) | 75 %  | 30  |
| Grain | Płatki owsiane           | 0.5 kg (8.3%) | 85 %  | 3   |

## Hops

| Use for | Name    | Amount | Time     | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil    | Cascade | 25 g   | 60 min   | 6 %        |
| Dry Hop | Cascade | 25 g   | 3 day(s) | 6 %        |

## Yeasts

| Name                   | Type  | Form  | Amount  | Laboratory |
|------------------------|-------|-------|---------|------------|
| FM41 Gwoździe i Banany | Wheat | Slant | 1000 ml | ---        |

## Extras

| Type   | Name   | Amount | Use for   | Time     |
|--------|--------|--------|-----------|----------|
| Flavor | Wiśnie | 1200 g | Secondary | 6 day(s) |

|             |              |      |          |     |
|-------------|--------------|------|----------|-----|
| Water Agent | Kwas mlekowy | 40 g | Bottling | --- |
|-------------|--------------|------|----------|-----|