

Kwaśne smaki lata (wiśnia i owoce leśne)

- Gravity **8 BLG**
- ABV **3.1 %**
- IBU **6**
- SRM **2.4**
- Style **Berliner Weisse**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

Steps

- Temp **67 C**, Time **65 min**
- Temp **75 C**, Time **15 min**

Mash step by step

- Heat up **9.6 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **65 min** at **67C**
- Keep mash **15 min** at **75C**
- Sparge using **24 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------|--------------|-------|-----|
| Grain | Pilzneński | 1.6 kg (50%) | 81 % | 4 |
| Grain | Pszeniczny | 1.6 kg (50%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Marynka | 7 g | 60 min | 8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------------------|------|--------|--------|------------|
| WLP001 - California Ale Yeast | Ale | Liquid | 100 ml | White Labs |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------------------|--------|-----------|-----------|
| Other | Lactobacillus Plantarum | 5 g | Primary | 1 day(s) |
| Other | Wiśnie mrożone | 1500 g | Secondary | 10 day(s) |
| Other | Pulpa owoce leśne | 1500 g | Secondary | 10 day(s) |
| Water Agent | kwas mlekowy | 24 g | Mash | 60 min |

Notes

- Brzeczka zakwaszona do pH 4.5 kwasem mlekowym.
Lactobacillus Plantarum z serowara zadane w ilości 5 gramów na dobę. Brzeczka wstępnie zagotowana (15min). Później Gotowanie 60 minut +Marynka i standardowo zadane gęstwą kręconą wcześniej na mieszadle. Na cichą rozlane do dwóch fermentorów i zadane odpowiednio, 1.5kg wiśni oraz pulpa owoce leśne. Przewidziany czas cichej ok 7dni.
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