

88 Mango Berliner Weisse

- Gravity **7.6 BLG**
- ABV **2.9 %**
- IBU **8**
- SRM **2.5**
- Style **Berliner Weisse**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **4 %**
- Size with trub loss **25 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4.55 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **18.3 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **71.1C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **72C**
- Sparge using **17.9 liter(s)** of **76C** water or to achieve **29.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------|---------------|--------|-----|
| Grain | Malteurop Lager | 1.65 kg (50%) | 82 % | 3 |
| Grain | Malteurop Wheat | 1.65 kg (50%) | 86.8 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil | Lublin (Lubelski) | 18 g | 60 min | 4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------|-------|-------|--------|------------------|
| FM20 Białe Walonki | Wheat | Slant | 100 ml | Fermentum Mobile |

Extras

| Type | Name | Amount | Use for | Time |
|--------|---------------------|--------|-----------|-----------|
| Flavor | Mango w puszcze | 2550 g | Secondary | 14 day(s) |
| Other | Swanson L.Plantarum | 30 g | Primary | 2 day(s) |