

# Gose

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **16**
- SRM **3.8**
- Style **Berliner Weisse**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **8.7 liter(s)**
- Total mash volume **11.6 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **8.7 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **76C**
- Sparge using **6.9 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

## Fermentables

| Type  | Name           | Amount         | Yield | EBC |
|-------|----------------|----------------|-------|-----|
| Grain | Pilzneński     | 1.5 kg (51.7%) | 81 %  | 4   |
| Grain | Pszeniczny     | 1 kg (34.5%)   | 85 %  | 4   |
| Grain | Zakwaszający   | 0.2 kg (6.9%)  | --- % | --- |
| Grain | Płatki owsiane | 0.2 kg (6.9%)  | 85 %  | 3   |

## Hops

| Use for | Name          | Amount | Time   | Alpha acid |
|---------|---------------|--------|--------|------------|
| Boil    | Własny chmiel | 10 g   | 60 min | 8 %        |

## Yeasts

| Name                              | Type | Form | Amount | Laboratory      |
|-----------------------------------|------|------|--------|-----------------|
| Mangrove Jack's M44 US West Coast | Ale  | Dry  | 5 g    | Mangrove Jack's |

## Extras

| Type        | Name           | Amount | Use for | Time   |
|-------------|----------------|--------|---------|--------|
| Water Agent | Laktoza        | 150 g  | Boil    | 10 min |
| Spice       | Kolendra       | 12 g   | Boil    | 10 min |
| Water Agent | Sól himalajska | 16 g   | Boil    | 10 min |

|             |              |      |           |          |
|-------------|--------------|------|-----------|----------|
| Water Agent | Kwas mlekowy | 35 g | Secondary | 7 day(s) |
|-------------|--------------|------|-----------|----------|