

# SourSour

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **9**
- SRM **3.3**
- Style **Other Smoked Beer**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **15.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **9.2 liter(s)**
- Total mash volume **11.8 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **9.2 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **9.3 liter(s)** of **76C** water or to achieve **15.9 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount          | Yield  | EBC |
|-------|----------------------|-----------------|--------|-----|
| Grain | Pilzneński           | 1.55 kg (54.8%) | 81 %   | 4   |
| Grain | Pszeniczny           | 0.7 kg (24.7%)  | 85 %   | 4   |
| Grain | Płatki owsiane       | 0.38 kg (13.4%) | 85 %   | 3   |
| Sugar | Milk Sugar (Lactose) | 0.2 kg (7.1%)   | 76.1 % | 0   |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Lublin (Lubelski) | 12 g   | 60 min | 4 %        |