

# Mango Phill Sour

- Gravity **13.3 BLG**
- ABV **5.5 %**
- IBU ---
- SRM **5.7**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **29.7 liter(s)**
- Boil time **50 min**
- Evaporation rate **10 %/h**
- Boil size **35.1 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **29.4 liter(s)**
- Total mash volume **36.8 liter(s)**

## Steps

- Temp **68 C**, Time **50 min**
- Temp **73 C**, Time **15 min**

## Mash step by step

- Heat up **29.4 liter(s)** of strike water to **74C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **15 min** at **73C**
- Sparge using **13.1 liter(s)** of **76C** water or to achieve **35.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód owsiany Fawcett	0.5 kg (6.8%)	61 %	5
Grain	Viking Pale Ale malt	1 kg (13.6%)	80 %	5
Grain	Płatki owsiane	0.4 kg (5.4%)	60 %	3
Grain	Zakwaszaący	0.25 kg (3.4%)	80 %	6
Grain	Weyermann - Carapils	1 kg (13.6%)	78 %	4
Grain	Strzegom Pszeniczny	2 kg (27.2%)	81 %	6
Grain	Strzegom Monachijski typ I	2.2 kg (29.9%)	79 %	16

## Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - WildBrew Philly Sour	Ale	Slant	300 ml	Lallemand

## Extras

Type	Name	Amount	Use for	Time
Flavor	Pulpa z Mango	3000 g	Secondary	7 day(s)