

# Mango Weizen

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **15**
- SRM **3.9**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

## Steps

- Temp **44 C**, Time **30 min**
- Temp **64 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **14.7 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **30 min** at **44C**
- Keep mash **45 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **16.6 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wheat Malt	2.9 kg (59.2%)	83 %	5
Grain	Viking Pilsner malt	1.8 kg (36.7%)	82 %	4
Grain	Weyermann - Carapils	0.2 kg (4.1%)	78 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Oktawia	15 g	60 min	9.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
FM41 Gwoździe i Banany	Wheat	Liquid	30 ml	Fermentum Mobile
Starter 1.5   11 Blg				

## Extras

Type	Name	Amount	Use for	Time
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Flavor	Mango - pulpa	1700 g	Secondary	13 day(s)
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