

# IPA Mosaic SH by Wormo 2020.01.26

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **42**
- SRM **4.9**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **29.7 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

## Steps

- Temp **55 C**, Time **5 min**
- Temp **64 C**, Time **30 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **17.4 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **5 min** at **55C**
- Keep mash **30 min** at **64C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **18.1 liter(s)** of **76C** water or to achieve **29.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	5 kg (86.2%)	81 %	5
Grain	Weyermann - Carabelge	0.3 kg (5.2%)	30 %	35
Grain	Weyermann pszeniczny jasny	0.5 kg (8.6%)	80 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	20 g	60 min	10 %
Boil	Mosaic	15 g	30 min	10 %
Boil	Mosaic	15 g	5 min	10 %
Boil	Mosaic	10 g	0 min	10 %
Whirlpool	Mosaic	30 g	20 min	10 %
Dry Hop	Mosaic	30 g	7 day(s)	10 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis