

# IPA Mango

- Gravity **15.2 BLG**
- ABV ---
- IBU **45**
- SRM **4.1**
- Style **White IPA**

## Batch size

- Expected quantity of finished beer **45 liter(s)**
- Trub loss **5 %**
- Size with trub loss **47.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **57 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.9 liter(s) / kg**
- Mash size **50.2 liter(s)**
- Total mash volume **63 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **10 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **50.2 liter(s)** of strike water to **74.1C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **76C**
- Keep mash **1 min** at **78C**
- Sparge using **19.7 liter(s)** of **76C** water or to achieve **57 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	11.79 kg (91.7%)	80 %	4
Grain	Strzegom Pszeniczny	1.07 kg (8.3%)	81 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Styrian Wolf	42.86 g	70 min	13.1 %
Boil	Chinook PL	64.29 g	15 min	8.5 %
Boil	Cascade PL	64.29 g	15 min	5.2 %
Dry Hop	Chinook PL	42.86 g	7 day(s)	8.5 %
Dry Hop	Cascade PL	42.86 g	7 day(s)	5.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew US-05	Ale	Slant	214.29 ml	---

## Extras

Type	Name	Amount	Use for	Time
------	------	--------	---------	------

Flavor	Laktoza	1.07 g	Boil	5 min
Flavor	Pulpa Mango	2142.86 g	Secondary	7 day(s)