

# Mango IPA

- Gravity **15.7 BLG**
- ABV ---
- IBU **75**
- SRM **5.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.7 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

## Steps

- Temp **63 C**, Time **30 min**
- Temp **73 C**, Time **40 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **12 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **30 min** at **63C**
- Keep mash **40 min** at **73C**
- Keep mash **10 min** at **78C**
- Sparge using **14.8 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

## Fermentables

| Type  | Name              | Amount         | Yield | EBC |
|-------|-------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 4 kg (83.3%)   | 79 %  | 6   |
| Sugar | trzcinyowy        | 0.8 kg (16.7%) | --- % | --- |

## Hops

| Use for | Name    | Amount | Time     | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil    | Marynka | 50 g   | 60 min   | 8.8 %      |
| Boil    | Mosaic  | 20 g   | 10 min   | 12.4 %     |
| Boil    | Citra   | 20 g   | 10 min   | 12.4 %     |
| Dry Hop | Citra   | 10 g   | 7 day(s) | 12.4 %     |
| Dry Hop | Mosaic  | 10 g   | 7 day(s) | 12.4 %     |
| Dry Hop | Citra   | 20 g   | 3 day(s) | 12.4 %     |
| Dry Hop | Mosaic  | 20 g   | 3 day(s) | 12.4 %     |

## Yeasts

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

## Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Type   | Name          | Amount | Use for   | Time     |
|--------|---------------|--------|-----------|----------|
| Flavor | puree mango   | 850 g  | Secondary | 7 day(s) |
| Flavor | suszone mango | 80 g   | Secondary | 7 day(s) |