

# Mango Ale

- Gravity **16.6 BLG**
- ABV **7 %**
- IBU **37**
- SRM **5.9**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **17 %/h**
- Boil size **25.2 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **19.3 liter(s)**
- Total mash volume **24.8 liter(s)**

## Steps

- Temp **65 C**, Time **70 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **19.3 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **70 min** at **65C**
- Keep mash **5 min** at **78C**
- Sparge using **11.4 liter(s)** of **76C** water or to achieve **25.2 liter(s)** of wort

## Fermentables

| Type  | Name                           | Amount          | Yield | EBC |
|-------|--------------------------------|-----------------|-------|-----|
| Grain | Strzegom Pale Ale              | 3.5 kg (56.5%)  | 79 %  | 6   |
| Grain | Monachijski                    | 1 kg (16.2%)    | 80 %  | 16  |
| Grain | Pszeniczny                     | 1 kg (16.2%)    | 85 %  | 4   |
| Sugar | Cukier z pulpy z mango 0,690kg | 0.69 kg (11.1%) | --- % | --- |
| Sugar | Laktoza 0,75kg                 | 0 kg            | --- % | --- |

## Hops

| Use for | Name  | Amount | Time   | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil    | Citra | 30 g   | 60 min | 12 %       |
| Boil    | Citra | 20 g   | 0 min  | 12 %       |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
| US05 | Ale  | Dry  | 11.5 g | ---        |

## Extras

| Type  | Name    | Amount | Use for | Time   |
|-------|---------|--------|---------|--------|
| Other | Laktoza | 750 g  | Boil    | 10 min |

|        |                                   |        |         |          |
|--------|-----------------------------------|--------|---------|----------|
| Flavor | Mango Pulpa 850g<br>(20,3g cukru) | 3400 g | Primary | 7 day(s) |
|--------|-----------------------------------|--------|---------|----------|