

# Mango Ale

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **38**
- SRM **14.2**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **20.6 liter(s)**

## Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **20.6 liter(s)**

## Fermentables

| Type    | Name                    | Amount          | Yield | EBC |
|---------|-------------------------|-----------------|-------|-----|
| Grain   | Strzegom Pszeniczny     | 2 kg (33.3%)    | 81 %  | 6   |
| Grain   | Strzegom Pale Ale       | 1 kg (16.7%)    | 79 %  | 6   |
| Grain   | Strzegom Pilzneński     | 0.5 kg (8.3%)   | 80 %  | 4   |
| Grain   | Pszenica niesłodowana   | 0.6 kg (10%)    | 70 %  | 4   |
| Grain   | Honey Malt              | 0.5 kg (8.3%)   | 80 %  | 49  |
| Grain   | Caraaroma               | 0.25 kg (4.2%)  | 78 %  | 400 |
| Grain   | Płatki owsiane P        | 0.3 kg (5%)     | 85 %  | 3   |
| Adjunct | Przecier z mango Caesar | 0.85 kg (14.2%) | 23 %  | 1   |

## Hops

| Use for | Name     | Amount | Time      | Alpha acid |
|---------|----------|--------|-----------|------------|
| Boil    | Columbus | 5 g    | 60 min    | 12.5 %     |
| Boil    | Columbus | 5 g    | 45 min    | 12.5 %     |
| Boil    | Columbus | 10 g   | 30 min    | 12.5 %     |
| Boil    | Simcoe   | 10 g   | 15 min    | 13.1 %     |
| Boil    | Simcoe   | 10 g   | 5 min     | 13.1 %     |
| Boil    | Simcoe   | 30 g   | 0 min     | 13.1 %     |
| Dry Hop | Mosaic   | 30 g   | 20 day(s) | 12 %       |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-04 | Ale  | Dry  | 11.5 g | Fermentis  |

## Extras

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

|        |                            |       |           |           |
|--------|----------------------------|-------|-----------|-----------|
| Flavor | Przecier z mango<br>Caesar | 850 g | Secondary | 20 day(s) |
|--------|----------------------------|-------|-----------|-----------|