

# Citrus/Hoppy West Coast IPA

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **52**
- SRM **9.1**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.3 liter(s)**
- Total mash volume **27 liter(s)**

## Steps

- Temp **63 C**, Time **60 min**

## Mash step by step

- Heat up **20.3 liter(s)** of strike water to **70.1C**
- Add grains
- Keep mash **60 min** at **63C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount          | Yield | EBC |
|-------|----------------------------|-----------------|-------|-----|
| Grain | Viking Pale Ale malt       | 5.25 kg (77.8%) | 80 %  | 5   |
| Grain | Strzegom Pszeniczny        | 0.7 kg (10.4%)  | 81 %  | 6   |
| Grain | Strzegom Monachijski typ I | 0.4 kg (5.9%)   | 79 %  | 16  |
| Grain | Strzegom Karmel 150        | 0.4 kg (5.9%)   | 75 %  | 150 |

## Hops

| Use for    | Name     | Amount | Time     | Alpha acid |
|------------|----------|--------|----------|------------|
| First Wort | Pekko    | 25 g   | 60 min   | 13.6 %     |
| Boil       | Cascade  | 25 g   | 15 min   | 6 %        |
| Boil       | Simcoe   | 25 g   | 5 min    | 13.2 %     |
| Boil       | Amarillo | 25 g   | 5 min    | 9.5 %      |
| Whirlpool  | Mosaic   | 25 g   | 0 min    | 10 %       |
| Whirlpool  | Simcoe   | 25 g   | 0 min    | 13.2 %     |
| Dry Hop    | Citra    | 25 g   | 4 day(s) | 12 %       |
| Dry Hop    | Amarillo | 25 g   | 4 day(s) | 9.5 %      |
| Dry Hop    | Mosaic   | 25 g   | 4 day(s) | 10 %       |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                             |     |        |         |                  |
|-----------------------------|-----|--------|---------|------------------|
| FM54 Gorączka kalifornijska | Ale | Liquid | 1000 ml | Fermentum Mobile |
|-----------------------------|-----|--------|---------|------------------|