

# Cytrusowy Pepik

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **41**
- SRM **6.5**
- Style **Bohemian Pilsener**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **10 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

## Steps

- Temp **52 C**, Time **10 min**
- Temp **63 C**, Time **70 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **17.4 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **10 min** at **52C**
- Keep mash **70 min** at **63C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **76C**
- Sparge using **21.4 liter(s)** of **76C** water or to achieve **33 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount          | Yield | EBC |
|-------|-----------------------------|-----------------|-------|-----|
| Grain | Viking Pilsner malt         | 4 kg (69%)      | 82 %  | 4   |
| Grain | Strzegom Monachijski typ II | 1.25 kg (21.6%) | 79 %  | 15  |
| Grain | Strzegom Karmel 150         | 0.25 kg (4.3%)  | 75 %  | 150 |
| Grain | Oats, Flaked                | 0.3 kg (5.2%)   | 80 %  | 2   |

## Hops

| Use for             | Name  | Amount | Time     | Alpha acid |
|---------------------|-------|--------|----------|------------|
| Boil                | Citra | 15 g   | 60 min   | 12 %       |
| Boil                | Citra | 20 g   | 15 min   | 12 %       |
| Boil                | Citra | 20 g   | 10 min   | 12 %       |
| Aroma (end of boil) | Citra | 45 g   | 5 min    | 12 %       |
| Dry Hop             | Citra | 50 g   | 7 day(s) | 12 %       |

## Yeasts

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

|                                       |       |       |        |                 |
|---------------------------------------|-------|-------|--------|-----------------|
| Mangrove Jack's<br>M84 Bohemian Lager | Lager | Slant | 500 ml | Mangrove Jack's |
|---------------------------------------|-------|-------|--------|-----------------|

## Notes

- Jak widać, eksperyment.  
*Jan 15, 2018, 4:00 PM*