

# Imperial IPA

- Gravity **18.7 BLG**
- ABV ---
- IBU **104**
- SRM **9.9**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **62 C**, Time **70 min**

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **70 min** at **62C**
- Sparge using **12.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                       | Amount        | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt       | 3 kg (46.2%)  | 80 %  | 5   |
| Grain | Strzegom Monachijski typ I | 1 kg (15.4%)  | 79 %  | 14  |
| Grain | Weyermann - Carapils       | 0.5 kg (7.7%) | 78 %  | 4   |
| Grain | Pszeniczny                 | 1 kg (15.4%)  | 85 %  | 4   |
| Grain | Strzegom Karmel 30         | 1 kg (15.4%)  | 75 %  | 30  |

## Hops

| Use for             | Name  | Amount | Time     | Alpha acid |
|---------------------|-------|--------|----------|------------|
| Boil                | Citra | 50 g   | 60 min   | 13.5 %     |
| Boil                | Citra | 30 g   | 30 min   | 13.5 %     |
| Aroma (end of boil) | Citra | 20 g   | 10 min   | 13.5 %     |
| Dry Hop             | Citra | 50 g   | 4 day(s) | 13.5 %     |

## Yeasts

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

## Extras

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

|        |                |     |      |        |
|--------|----------------|-----|------|--------|
| Fining | mech irlandzki | 5 g | Boil | 10 min |
|--------|----------------|-----|------|--------|

## Notes

- Z 18 Blg zeszło do 4 w 13 dni.  
*Dec 3, 2016, 3:23 PM*