

# Summer Cold IPA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **64**
- SRM **3**
- Style **American 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 **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **63 C**, Time **40 min**
- Temp **70 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **70C**
- Keep mash **10 min** at **78C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name               | Amount         | Yield  | EBC |
|-------|--------------------|----------------|--------|-----|
| Grain | Heidelberg         | 4 kg (70.2%)   | 80.5 % | 2   |
| Grain | Rice, Flaked       | 1.5 kg (26.3%) | 70 %   | 2   |
| Sugar | Candi Sugar, Clear | 0.2 kg (3.5%)  | 78.3 % | 2   |

## Hops

| Use for             | Name     | Amount | Time   | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil                | Mosaic   | 50 g   | 25 min | 12.3 %     |
| Boil                | Nectaron | 50 g   | 10 min | 10.5 %     |
| Aroma (end of boil) | Cascade  | 50 g   | 0 min  | 6 %        |

## Yeasts

| Name   | Type  | Form   | Amount | Laboratory |
|--------|-------|--------|--------|------------|
| Płynne | Lager | Liquid | 100 ml | ---        |

## Notes

- Mech irlandzki lub whirflock na 5 min przed końcem gotowania.

Fermentacja od  
9 st.  
9 st.

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

10 st.  
10 st  
11 st.  
11 st.  
12. st.  
12 st.  
13 st  
14  
15  
15  
15

Przerwa discetylowa do 18  
*Jul 5, 2024, 10:06 PM*