

# Polish Hazy IPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU ---
- SRM **4.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.2 liter(s)**

## Mash information

- Mash efficiency **67 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.7 liter(s)**
- Total mash volume **14.3 liter(s)**

## Steps

- Temp **67 C**, Time **45 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **10 min**

## Mash step by step

- Heat up **10.7 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **45 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **6.1 liter(s)** of **76C** water or to achieve **13.2 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Viking Pilsner malt | 2.6 kg (72.8%) | 82 %  | 4   |
| Grain | Płatki pszeniczne   | 0.5 kg (14%)   | 60 %  | 3   |
| Grain | Płatki owsiane      | 0.4 kg (11.2%) | 60 %  | 3   |
| Grain | Acidulated BESTMALZ | 0.07 kg (2%)   | 76 %  | 5   |

## Hops

| Use for | Name     | Amount | Time     | Alpha acid |
|---------|----------|--------|----------|------------|
| Dry Hop | Izabella | 40 g   | 4 day(s) | 5.1 %      |
| Dry Hop | Sybilla  | 40 g   | 4 day(s) | 6 %        |

## Yeasts

| Name  | Type | Form  | Amount | Laboratory |
|---|------|-------|--------|------------|
| Lallemand - LalBrew American East Coast - New England | Ale  | Slant | 500 ml | ---        |

## Extras

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

|       |              |       |      |        |
|-------|--------------|-------|------|--------|
| Other | Łuska ryżowa | 200 g | Mash | 15 min |
|-------|--------------|-------|------|--------|