

# IPA z PSZENICĄ

- Gravity **12.9 BLG**
- ABV ---
- IBU **73**
- SRM **4.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **1 min**

## Mash step by step

- Heat up **15.8 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **15 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

## Fermentables

| Type  | Name                | Amount         | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale   | 4.1 kg (91.1%) | 79 %  | 5   |
| Grain | Strzegom Pszeniczny | 0.4 kg (8.9%)  | 81 %  | 5   |

## Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil    | Chinook  | 20 g   | 50 min | 12.8 %     |
| Boil    | Chinook  | 10 g   | 25 min | 12.8 %     |
| Boil    | Chinook  | 10 g   | 20 min | 12.8 %     |
| Boil    | Equinox  | 10 g   | 15 min | 13.4 %     |
| Boil    | Simcoe   | 10 g   | 10 min | 13.1 %     |
| Boil    | Chinook  | 5 g    | 10 min | 12.8 %     |
| Boil    | Mosaic   | 10 g   | 5 min  | 12.4 %     |
| Boil    | Chinook  | 5 g    | 5 min  | 12.8 %     |
| Boil    | Amarillo | 10 g   | 0 min  | 8.8 %      |

## Yeasts

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

|              |     |     |        |     |
|--------------|-----|-----|--------|-----|
| Safale US-05 | Ale | Dry | 11.5 g | --- |
|--------------|-----|-----|--------|-----|