

# LIMONKI IPA

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- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **22**
- SRM **4.2**
- 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 **75 min**
- Evaporation rate **10 %/h**
- Boil size **25.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.7 liter(s)**
- Total mash volume **19.6 liter(s)**

## Steps

- Temp **68 C**, Time **65 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **14.7 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **65 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **16.1 liter(s)** of **76C** water or to achieve **25.9 liter(s)** of wort

## Fermentables

| Type  | Name                      | Amount         | Yield  | EBC |
|-------|---------------------------|----------------|--------|-----|
| Grain | BESTMALZ - Best Pilsen    | 2.1 kg (42.9%) | 80.5 % | 4   |
| Grain | Weyermann - Pale Ale Malt | 2.1 kg (42.9%) | 85 %   | 7   |
| Grain | Pszeniczny                | 0.7 kg (14.3%) | 85 %   | 4   |

## Hops

| Use for             | Name        | Amount | Time     | Alpha acid |
|---------------------|-------------|--------|----------|------------|
| Boil                | Sorachi Ace | 20 g   | 70 min   | 10 %       |
| Aroma (end of boil) | Sorachi Ace | 80 g   | 0 min    | 10 %       |
| Dry Hop             | Sorachi Ace | 20 g   | 7 day(s) | 10 %       |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11 g   | ---        |

## Extras

| Type  | Name            | Amount | Use for | Time      |
|-------|-----------------|--------|---------|-----------|
| Spice | TRAWA CYTRYNOWA | 20 g   | Primary | 14 day(s) |

|       |                |      |         |           |
|-------|----------------|------|---------|-----------|
| Spice | SKÓRKI LIMONKI | 30 g | Primary | 14 day(s) |
|-------|----------------|------|---------|-----------|

## Notes

- Burzliwa 7 dni  
Cicha 7 dni  
Butekowanie 6g glukozy na L  
*Oct 25, 2017, 10:31 PM*