

# Lemon IPA

- Gravity **12.8 BLG**
- ABV ---
- IBU **52**
- SRM **5**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.3 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 **64 C**, Time **45 min**
- Temp **69 C**, Time **15 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **14.7 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **45 min** at **64C**
- Keep mash **15 min** at **69C**
- Keep mash **10 min** at **78C**
- Sparge using **15.5 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name              | Amount         | Yield | EBC |
|-------|-------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 2.7 kg (55.1%) | 79 %  | 6   |
| Grain | Pszeniczny        | 0.7 kg (14.3%) | 80 %  | 4   |
| Grain | Pilzneński        | 1.5 kg (30.6%) | 81 %  | 4   |

## Hops

| Use for             | Name        | Amount | Time     | Alpha acid |
|---------------------|-------------|--------|----------|------------|
| Dry Hop             | Sorachi Ace | 50 g   | 7 day(s) | 12 %       |
| Aroma (end of boil) | Sorachi Ace | 20 g   | 1 min    | 12 %       |
| Boil                | Sorachi Ace | 20 g   | 10 min   | 12 %       |
| Boil                | Sorachi Ace | 30 g   | 60 min   | 12 %       |

## Yeasts

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

## Extras

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

|       |                 |      |      |       |
|-------|-----------------|------|------|-------|
| Spice | Trawa cytrynowa | 20 g | Boil | 5 min |
| Spice | Skórki cytryny  | 30 g | Boil | 5 min |