

# Lemon Ipa

- Gravity **14.7 BLG**
- ABV ---
- IBU **60**
- SRM **4.4**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29.1 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **44 C**, Time **0 min**
- Temp **62 C**, Time **50 min**
- Temp **72 C**, Time **50 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **0 min** at **44C**
- Keep mash **50 min** at **62C**
- Keep mash **50 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **17.1 liter(s)** of **76C** water or to achieve **29.1 liter(s)** of wort

## Fermentables

| Type  | Name       | Amount       | Yield | EBC |
|-------|------------|--------------|-------|-----|
| Grain | Pilzneński | 2 kg (33.3%) | 81 %  | 4   |
| Grain | Pale Ale   | 3 kg (50%)   | 80 %  | 4   |
| Grain | Pszeniczny | 1 kg (16.7%) | 85 %  | 4   |

## Hops

| Use for   | Name        | Amount | Time   | Alpha acid |
|-----------|-------------|--------|--------|------------|
| Boil      | Sorachi Ace | 30 g   | 60 min | 10 %       |
| Boil      | Sorachi Ace | 30 g   | 30 min | 10 %       |
| Boil      | Sorachi Ace | 20 g   | 15 min | 10 %       |
| Boil      | Sorachi Ace | 10 g   | 5 min  | 10 %       |
| Whirlpool | Sorachi Ace | 10 g   | 0 min  | 10 %       |

## Yeasts

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

## Extras

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

| Type   | Name            | Amount | Use for | Time   |
|--------|-----------------|--------|---------|--------|
| Fining | mech irlandzki  | 5 g    | Boil    | 10 min |
| Other  | trawa cytrynowa | 30 g   | Boil    | 10 min |