

# LIME SOUR APA

- Gravity **10.5 BLG**
- ABV **4.2 %**
- IBU **31**
- SRM **3.2**
- Style **American Pale Ale**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.9 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **19.8 liter(s)**

## Steps

- Temp **67 C**, Time **65 min**
- Temp **76 C**, Time **5 min**

## Mash step by step

- Heat up **15.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **65 min** at **67C**
- Keep mash **5 min** at **76C**
- Sparge using **19.9 liter(s)** of **76C** water or to achieve **30.9 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount         | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Weyermann - Pilsner Malt    | 3 kg (68.2%)   | 81 %  | 5   |
| Grain | Pszeniczny                  | 1.2 kg (27.3%) | 85 %  | 4   |
| Grain | Weyermann - Acidulated Malt | 0.2 kg (4.5%)  | 80 %  | 6   |

## Hops

| Use for | Name    | Amount | Time     | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil    | Citra   | 50 g   | 15 min   | 12 %       |
| Boil    | Cascade | 50 g   | 2 min    | 6 %        |
| Dry Hop | Citra   | 50 g   | 5 day(s) | 12 %       |
| Dry Hop | Cascade | 50 g   | 5 day(s) | 6 %        |

## Yeasts

| Name          | Type | Form  | Amount | Laboratory |
|---------------|------|-------|--------|------------|
| Lutra OYL-071 | Ale  | Slant | 100 ml | Omega      |

## Extras

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

|        |             |        |         |          |
|--------|-------------|--------|---------|----------|
| Flavor | sok limonka | 5000 g | Primary | 7 day(s) |
|--------|-------------|--------|---------|----------|