

# ipka

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **42**
- SRM **3.1**
- 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 **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Steps

- Temp **67 C**, Time **60 min**

## Mash step by step

- Heat up **16.5 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **14.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield  | EBC |
|-------|----------------------|----------------|--------|-----|
| Grain | Briess - Pilsen Malt | 3.5 kg (63.6%) | 80.5 % | 2   |
| Grain | Oats, Flaked         | 1 kg (18.2%)   | 80 %   | 2   |
| Grain | Wheat, Flaked        | 1 kg (18.2%)   | 77 %   | 4   |

## Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Citra    | 7 g    | 60 min   | 12 %       |
| Boil                | Chinook  | 8 g    | 60 min   | 13 %       |
| Boil                | Simcoe   | 7 g    | 60 min   | 13.2 %     |
| Aroma (end of boil) | Amarillo | 20 g   | 5 min    | 9.5 %      |
| Dry Hop             | Simcoe   | 20 g   | 7 day(s) | 13.2 %     |
| Dry Hop             | Citra    | 20 g   | 7 day(s) | 12 %       |
| Dry Hop             | Chinook  | 20 g   | 7 day(s) | 13 %       |
| Aroma (end of boil) | Ekuanot  | 28.3 g | 5 min    | 14 %       |

## Yeasts

| Name  | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale  | Dry  | 15 g   | ---        |

## Extras

| Type        | Name            | Amount | Use for | Time   |
|-------------|-----------------|--------|---------|--------|
| Water Agent | whirfloc tablet | 1 g    | Boil    | 30 min |