

# Hazy

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **23**
- SRM **4.7**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

## Mash information

- Mash efficiency **78 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.2 liter(s)**
- Total mash volume **23 liter(s)**

## Steps

- Temp **66 C**, Time **25 min**

## Mash step by step

- Heat up **17.2 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **25 min** at **66C**
- Sparge using **12.6 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount         | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt   | 4 kg (69.7%)   | 80 %  | 5   |
| Grain | Simpsons - Maris Otter | 1 kg (17.4%)   | 81 %  | 6   |
| Grain | Pszeniczny             | 0.5 kg (8.7%)  | 85 %  | 4   |
| Grain | Płatki owsiane         | 0.24 kg (4.2%) | 85 %  | 3   |

## Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Chinook  | 10 g   | 20 min   | 13 %       |
| Aroma (end of boil) | Chinook  | 20 g   | 5 min    | 13 %       |
| Aroma (end of boil) | Amarillo | 20 g   | 5 min    | 9.5 %      |
| Aroma (end of boil) | Simcoe   | 20 g   | 5 min    | 13.2 %     |
| Dry Hop             | Amarillo | 50 g   | 5 day(s) | 9.5 %      |
| Dry Hop             | Simcoe   | 50 g   | 5 day(s) | 13.2 %     |
| Dry Hop             | Citra    | 50 g   | 5 day(s) | 12 %       |
| Dry Hop             | Mosaic   | 50 g   | 5 day(s) | 10 %       |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                       |     |        |        |             |
|-----------------------|-----|--------|--------|-------------|
| Wyeast - American Ale | Ale | Liquid | 125 ml | Wyeast Labs |
|-----------------------|-----|--------|--------|-------------|