

# Hazy Double New England IPA

---

- Gravity **21.3 BLG**
- ABV **9.5 %**
- IBU **65**
- SRM **5.6**
- Style **Imperial IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **25.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **27 liter(s)**
- Total mash volume **36 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **15 min**

## Mash step by step

- Heat up **27 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **15 min** at **72C**
- Sparge using **7.9 liter(s)** of **76C** water or to achieve **25.9 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount       | Yield | EBC |
|-------|----------------------|--------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (55.6%) | 80 %  | 5   |
| Grain | Płatki pszeniczne    | 2 kg (22.2%) | 75 %  | 3   |
| Grain | Płatki owsiane       | 2 kg (22.2%) | 75 %  | 3   |

## Hops

| Use for   | Name   | Amount | Time     | Alpha acid |
|-----------|--------|--------|----------|------------|
| Boil      | Citra  | 40 g   | 30 min   | 12 %       |
| Boil      | Galaxy | 40 g   | 30 min   | 15 %       |
| Whirlpool | Citra  | 20 g   | 0 min    | 12 %       |
| Whirlpool | Galaxy | 20 g   | 0 min    | 15 %       |
| Dry Hop   | Citra  | 20 g   | 3 day(s) | 12 %       |
| Dry Hop   | Galaxy | 10 g   | 3 day(s) | 15 %       |
| Dry Hop   | Citra  | 20 g   | 2 day(s) | 12 %       |
| Dry Hop   | Galaxy | 10 g   | 2 day(s) | 15 %       |
| Dry Hop   | Citra  | 20 g   | 1 day(s) | 12 %       |
| Dry Hop   | Galaxy | 10 g   | 1 day(s) | 15 %       |

## Yeasts

| <b>Name</b> | <b>Type</b> | <b>Form</b> | <b>Amount</b> | <b>Laboratory</b> |
|-------------|-------------|-------------|---------------|-------------------|
| Safale S-04 | Ale         | Dry         | 11.5 g        | Safale            |