

# New England IPA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **48**
- SRM **4.2**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **76 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **27 liter(s)**

## Steps

- Temp **66 C**, Time **50 min**
- Temp **75 C**, Time **10 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **72.6C**
- Add grains
- Keep mash **50 min** at **66C**
- Keep mash **10 min** at **75C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

## Fermentables

| Type  | Name              | Amount       | Yield | EBC |
|-------|-------------------|--------------|-------|-----|
| Grain | Pilznieński       | 2.7 kg (45%) | 81 %  | 4   |
| Grain | Pale Ale Strzegom | 2.1 kg (35%) | 80 %  | 6   |
| Grain | Płatki owsiane    | 0.6 kg (10%) | 85 %  | 3   |
| Grain | Płatki pszeniczne | 0.6 kg (10%) | 85 %  | 3   |

## Hops

| Use for | Name    | Amount | Time     | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil    | Warrior | 20 g   | 60 min   | 14.5 %     |
| Boil    | lunga   | 20 g   | 60 min   | 11 %       |
| Dry Hop | Mosaic  | 40 g   | 3 day(s) | 10 %       |
| Dry Hop | Citra   | 60 g   | 3 day(s) | 12 %       |

## Yeasts

| Name  | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale  | Dry  | 11 g   | Fermentis  |

## Extras

| Type        | Name            | Amount | Use for | Time   |
|-------------|-----------------|--------|---------|--------|
| Water Agent | Gips piwowarski | 5 g    | Mash    | 60 min |

|             |                |      |      |        |
|-------------|----------------|------|------|--------|
| Water Agent | Chlorek wapnia | 10 g | Mash | 60 min |
|-------------|----------------|------|------|--------|