

# new england ddh ipa

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **20**
- SRM **5.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

## Steps

- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **19.5 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **50 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **14.5 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

| Type  | Name                   | Amount         | Yield | EBC |
|-------|------------------------|----------------|-------|-----|
| Grain | Briess - Pale Ale Malt | 4.5 kg (66.2%) | 80 %  | 7   |
| Grain | Pszeniczny             | 1 kg (14.7%)   | 85 %  | 4   |
| Grain | Płatki pszeniczne      | 0.5 kg (7.4%)  | 85 %  | 3   |
| Grain | Płatki owsiane         | 0.5 kg (7.4%)  | 85 %  | 3   |
| Sugar | glukoza                | 0.3 kg (4.4%)  | --- % | --- |

## Hops

| Use for             | Name   | Amount | Time     | Alpha acid |
|---------------------|--------|--------|----------|------------|
| Boil                | Citra  | 20 g   | 50 min   | 12 %       |
| Aroma (end of boil) | Galaxy | 40 g   | 0 min    | 15 %       |
| Aroma (end of boil) | Mosaic | 40 g   | 0 min    | 10 %       |
| Dry Hop             | Citra  | 40 g   | 7 day(s) | 12 %       |
| Dry Hop             | Galaxy | 100 g  | 5 day(s) | 15 %       |
| Dry Hop             | Mosaic | 100 g  | 3 day(s) | 10 %       |

## Yeasts

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

|                         |     |        |       |                  |
|-------------------------|-----|--------|-------|------------------|
| FM55 Zielone<br>Wzgórze | Ale | Liquid | 50 ml | Fermentum Mobile |
|-------------------------|-----|--------|-------|------------------|