

Hazy IPA

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **17**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **21.6 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **17.8 liter(s)**
- Total mash volume **23.2 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **17.8 liter(s)** of strike water to **74.1C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **78C**
- Sparge using **9.2 liter(s)** of **76C** water or to achieve **21.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|--------|-----|
| Grain | BESTMALZ - Best Pilsen | 1.7 kg (31.5%) | 80.5 % | 4 |
| Grain | BESTMALZ - Bestt Pale Ale | 1.75 kg (32.4%) | 80.5 % | 6 |
| Grain | Pszeniczny | 1 kg (18.5%) | 85 % | 4 |
| Grain | Płatki pszeniczne | 0.25 kg (4.6%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.4 kg (7.4%) | 85 % | 3 |
| Grain | Płatki orkiszowe | 0.3 kg (5.6%) | 80 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|--------|--------|----------|------------|
| Boil | Simcoe | 10 g | 5 min | 13.2 % |
| Whirlpool | Mosaic | 20 g | 15 min | 10 % |
| Whirlpool | Citra | 10 g | 15 min | 12 % |
| Whirlpool | Galaxy | 10 g | 15 min | 15 % |
| Dry Hop | Mosaic | 15 g | 3 day(s) | 10 % |
| Dry Hop | Citra | 30 g | 3 day(s) | 12 % |
| Dry Hop | Galaxy | 15 g | 3 day(s) | 15 % |

Yeasts

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

| Name | Type | Form | Amount | Laboratory |
|----------------------------|-------------|-------------|---------------|-------------------|
| FM10 O czym szumią wierzby | Ale | Liquid | 1500 ml | Fermentum Mobile |