

# PINTA TT Hopfenweizen

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **46**
- SRM **3.7**
- Style **Weizen/Weissbier**

## 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 **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.8 liter(s)**
- Total mash volume **13 liter(s)**

## Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **0 min**

## Mash step by step

- Heat up **9.8 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **10 min** at **72C**
- Keep mash **0 min** at **78C**
- Sparge using **21 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

## Fermentables

| Type    | Name                   | Amount          | Yield  | EBC |
|---------|------------------------|-----------------|--------|-----|
| Adjunct | Pszenica niestodowana  | 2.25 kg (40.9%) | 75 %   | 4   |
| Grain   | BESTMALZ - Best Pilsen | 2.75 kg (50%)   | 80.5 % | 4   |
| Grain   | Płatki pszeniczne      | 0.5 kg (9.1%)   | 60 %   | 3   |

## Hops

| Use for             | Name                   | Amount | Time     | Alpha acid |
|---------------------|------------------------|--------|----------|------------|
| Boil                | Columbus/Tomahawk/Zeus | 40 g   | 30 min   | 15.5 %     |
| Aroma (end of boil) | Huell Melon            | 50 g   | 0 min    | 7.5 %      |
| Whirlpool           | Experimental 09326     | 50 g   | 0 min    | 4.8 %      |
| Dry Hop             | Calista                | 50 g   | 7 day(s) | 3.9 %      |

## Yeasts

| Name                | Type  | Form   | Amount | Laboratory       |
|---------------------|-------|--------|--------|------------------|
| FM23 Magiczny ogród | Wheat | Liquid | 30 ml  | Fermentum Mobile |

## Extras

| Type  | Name                       | Amount | Use for | Time   |
|-------|----------------------------|--------|---------|--------|
| Spice | Curacao                    | 20 g   | Boil    | 10 min |
| Spice | Kolędra                    | 20 g   | Boil    | 5 min  |
| Spice | Skórka słodkiej pomarańczy | 20 g   | Boil    | 5 min  |