

Wheat IPA z herbata

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **41**
- SRM **4.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **15.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **12.3 liter(s)**
- Total mash volume **15.8 liter(s)**

Steps

- Temp **65 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **12.3 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **40 min** at **65C**
- Keep mash **20 min** at **72C**
- Keep mash **1 min** at **76C**
- Sparge using **6.4 liter(s)** of **76C** water or to achieve **15.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2.5 kg (71.4%) | 80 % | 5 |
| Grain | Pszeniczny | 1 kg (28.6%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|------------------------|--------|----------|------------|
| Boil | Sabro | 25 g | 5 min | 15 % |
| Boil | Cascade | 25 g | 5 min | 6 % |
| Boil | Citra | 25 g | 5 min | 12 % |
| Boil | Columbus/Tomahawk/Zeus | 5 g | 60 min | 15.5 % |
| Dry Hop | Sabro | 25 g | 3 day(s) | 15 % |
| Dry Hop | Cascade | 25 g | 3 day(s) | 6 % |
| Dry Hop | Citra | 25 g | 3 day(s) | 12 % |