

Wheat ipa

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **51**
- SRM **4.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **1 %**
- Size with trub loss **20.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **6 %/h**
- Boil size **23.3 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **2.7 liter(s) / kg**
- Mash size **14.9 liter(s)**
- Total mash volume **20.4 liter(s)**

Steps

- Temp **69 C**, Time **60 min**

Mash step by step

- Heat up **14.9 liter(s)** of strike water to **78C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **13.9 liter(s)** of **76C** water or to achieve **23.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|----------------------------|---------------|-------|-----|
| Grain | Strzegom Pilznieńskim | 3 kg (50%) | 80 % | 4 |
| Grain | Weyermann pszeniczny jasny | 1.8 kg (30%) | 80 % | 6 |
| Grain | Cara-Pils/Dextrine | 0.2 kg (3.3%) | 72 % | 4 |
| Adjunct | Pszenica niestodowana | 0.5 kg (8.3%) | 75 % | 3 |
| Grain | Płatki owsiane | 0.5 kg (8.3%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------|--------|--------|------------|
| Boil | Citra | 10 g | 30 min | 13.7 % |
| Boil | Mosaic | 10 g | 30 min | 12.1 % |
| Boil | Simcoe | 10 g | 30 min | 13.2 % |
| Boil | Citra | 10 g | 15 min | 13.7 % |
| Boil | Mosaic | 10 g | 15 min | 12.1 % |
| Boil | Simcoe | 10 g | 15 min | 13.2 % |
| Aroma (end of boil) | Citra | 20 g | 0 min | 13.7 % |
| Aroma (end of boil) | Mosaic | 20 g | 0 min | 12.1 % |
| Aroma (end of boil) | Simcoe | 10 g | 0 min | 13.2 % |

| | | | | |
|---------|--------|------|----------|--------|
| Dry Hop | Citra | 40 g | 3 day(s) | 13.7 % |
| Dry Hop | Mosaic | 40 g | 3 day(s) | 12.1 % |
| Dry Hop | Simcoe | 20 g | 3 day(s) | 13.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 200 ml | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------|----------------|--------|---------|-------|
| Other | Łuska gryczana | 500 g | Mash | 0 min |