

IPA 2

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **62**
- SRM **11.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **2.1 liter(s)**
- Total mash volume **2.7 liter(s)**

Steps

- Temp **67 C**, Time **30 min**

Mash step by step

- Heat up **2.1 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **30 min** at **67C**
- Sparge using **23.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|-------------------------------------|----------------|-------|-----|
| Liquid Extract | Bruntal ekstrakt słodowy jasny | 1.7 kg (37.8%) | 81 % | 26 |
| Liquid Extract | Bruntal ekstrakt słodowy Pale Ale | 1.7 kg (37.8%) | 80 % | 35 |
| Liquid Extract | Bruntal ekstrakt słodowy pszeniczny | 0.5 kg (11.1%) | 80 % | 36 |
| Grain | Carahell | 0.3 kg (6.7%) | 77 % | 26 |
| Grain | Weyermann - Carapils | 0.3 kg (6.7%) | 78 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil | Mosaic | 30 g | 60 min | 10 % |
| Boil | Simcoe | 10 g | 60 min | 12.6 % |
| Boil | Amarillo | 25 g | 30 min | 9.5 % |
| Aroma (end of boil) | Citra | 20 g | 0 min | 12 % |
| Dry Hop | Citra | 30 g | 5 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| us-05 | Ale | Dry | 11.5 g | --- |