

Pan I Pani - Konkursowy Klon wersja próbna 2

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **34**
- SRM **5.2**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **29.2 liter(s)**

Mash information

- Mash efficiency **67 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **27.2 liter(s)**
- Total mash volume **35.7 liter(s)**

Steps

- Temp **69 C**, Time **90 min**

Mash step by step

- Heat up **27.2 liter(s)** of strike water to **76.7C**
- Add grains
- Keep mash **90 min** at **69C**
- Sparge using **10.5 liter(s)** of **76C** water or to achieve **29.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 4 kg (47.1%) | 80 % | 5 |
| Grain | Pszeniczny | 2.5 kg (29.4%) | 85 % | 4 |
| Grain | Strzegom Monachijski typ I | 0.5 kg (5.9%) | 79 % | 16 |
| Grain | Płatki pszeniczne | 1 kg (11.8%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.5 kg (5.9%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil | Citra | 25 g | 40 min | 14.2 % |
| Boil | Perle | 30 g | 10 min | 8 % |
| Aroma (end of boil) | Perle | 20 g | 5 min | 8 % |
| Whirlpool | Amarillo | 50 g | 0 min | 8.9 % |
| Whirlpool | Mosaic | 30 g | 0 min | 11.8 % |
| Dry Hop | Mosaic | 50 g | 2 day(s) | 11.8 % |
| Dry Hop | Amarillo | 10 g | 2 day(s) | 8.9 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------|-------|--------|--------|------------------|
| FM20 Białe Walonki | Wheat | Liquid | 100 ml | Fermentum Mobile |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|--------|---------|------|
| Water Agent | gips | 1 g | Mash | --- |
| Water Agent | epsom salt | 3 g | Mash | --- |
| Water Agent | chlorek wapnia | 7 g | Mash | --- |