

Polskie pszeniczne (z owocami)

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **25**
- SRM **5.5**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **34.4 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **20.5 liter(s)**
- Total mash volume **28.7 liter(s)**

Steps

- Temp **65 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **20.5 liter(s)** of strike water to **74C**
- Add grains
- Keep mash **60 min** at **65C**
- Keep mash **5 min** at **78C**
- Sparge using **22.1 liter(s)** of **76C** water or to achieve **34.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|----------------|--------|-----|
| Grain | BESTMALZ - Bestt Pale Ale | 2.1 kg (25.6%) | 80.5 % | 6 |
| Grain | Viking Pale Ale malt | 4 kg (48.8%) | 80 % | 5 |
| Grain | Viking Wheat Malt | 1.6 kg (19.5%) | 83 % | 5 |
| Grain | Karmelowy Jasny 30EBC | 0.5 kg (6.1%) | 75 % | 30 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|--------|------------|
| Boil | lunga | 30 g | 60 min | 10 % |
| Boil | Oktawia | 5 g | 5 min | 8.4 % |
| Boil | ZULA | 5 g | 5 min | 7.3 % |
| Boil | Izabella | 5 g | 5 min | 5.8 % |
| Aroma (end of boil) | Oktawia | 10 g | 0 min | 8.4 % |
| 75-20 | | | | |
| Aroma (end of boil) | Izabella | 10 g | 0 min | 5.8 % |
| Aroma (end of boil) | ZULA | 20 g | 0 min | 7.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|--------------|-----|-----|--------|-----------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |
|--------------|-----|-----|--------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|--|--------|-----------|----------|
| Flavor | maliny,jagody,jeżyny,porzeczki;czarna i czerwona | 750 g | Secondary | 7 day(s) |
| Flavor | truskawka | 750 g | Secondary | 7 day(s) |
| Flavor | jagoda leśna | 800 g | Secondary | 7 day(s) |

Notes

- +5l suguaro
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